

# クローラクレーン



## 【クレーン使用上のお願い】

作業開始前の打合せ（作業内容の説明障害物の確認等）と合図の確認は必ず行って下さい。

又その際オペレーターの見聞も聞いて下さい。

- クレーンの安全吊上荷重を超えた使用は絶対に行わないで下さい  
ブーム折損、クレーンの転倒等の重大事故につながります。  
吊上荷重は性能表の 80%以内におさえて戴くのが安全作業の決め手です。
- アウトリガー下には非常に大きな重量がかかりますので特に 20 t 以上のクレーンについては、鉄板（厚さ 22 mm）以上の使用が最適です。
- 玉掛合図人には、事前に其の品物の重量、吊り方等について充分研究指示の方法について教育して下さい。
- クレーン作業に支障のある高圧線は必ず被覆して下さい。
- 20 t 以上のクレーンについては、事前に埋没物の有無、道路の幅、高さの制限、補強の必要の有無等について搬入路の確認が必要です。

## ■SI 単位換算表

(クレーン関連の単位を SI 単位に換算する場合)

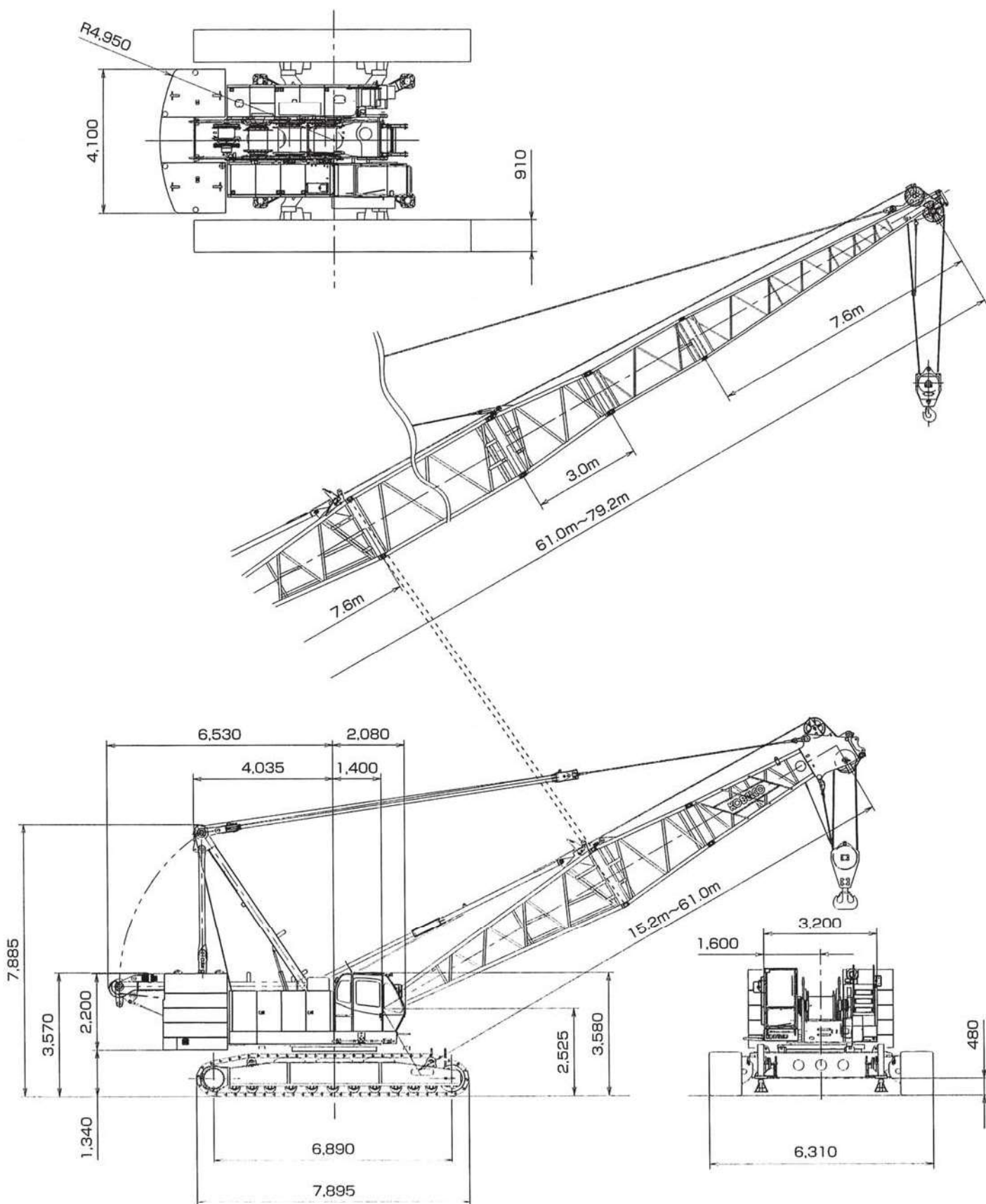
| 項目 (例)              | 従来使用単位   | SI 実用単位  | 備考  |
|---------------------|--|--|---|
| クローラ全巾              | (4350 mm)<br>mm、m  | 4,350 mm<br>m                                    | SI 単位 m   |
| 全装備質量               | <48,000 kg><br>kg、t  | 48,000 kg<br>kg、t                                | kgは重量でも力でもない質量の単位<br>SI 単位 kg   |
| 吊上力                 | (50tf)<br>tf、kgf   | 496kN<br>kN                                      | 1kgf=9.80665 N=9.80665 kg・m/s <sup>2</sup><br>SI 単位 N                                       |
| 掘削力                 | (10tf)<br>tf、kgf   | 98 kN<br>kN                                      | 1kgf=9.80665 N=9.80665 kg・m/s <sup>2</sup><br>SI 単位 N                                       |
| 破断強度                | (30tf)<br>tf   | 294 kN<br>kN                                     | 1kgf=9.80665 N=9.80665 kg・m/s <sup>2</sup><br>SI 単位 N                                       |
| 応力                  | (25kgf/mm <sup>2</sup> )<br>kgf/mm <sup>2</sup> 、kgf/cm <sup>2</sup> | 254N/mm <sup>2</sup><br>N/mm <sup>2</sup>        | 1kgf/mm <sup>2</sup> =9.80665 N/mm <sup>2</sup><br>SI 単位 Pa 又は N/m <sup>2</sup>             |
| 圧力                  | (280kgf・cm <sup>2</sup> )<br>kgf/cm <sup>2</sup>                     | 27.5MPa<br>MPa                                   | 1 kg/cm <sup>2</sup> =0.0980665MPa<br>SI 単位 Pa 又は N/m <sup>2</sup>                          |
| バケット容量              | (0.6 m <sup>3</sup> )<br>m <sup>3</sup>                              | 0.6 m <sup>3</sup><br>m <sup>3</sup> 、L          | SI 単位 m <sup>3</sup> 又は L   |
| 吐出量                 | (100 m <sup>3</sup> /h)<br>1/min、m <sup>3</sup> /h                   | 100 m <sup>3</sup> /h<br>1/min、m <sup>3</sup> /h | コンクリートポンプ m <sup>3</sup> 油圧ポンプ 1/min<br>SI 単位 m <sup>3</sup> /s、m <sup>3</sup> /min、L/min 他 |
| 接地圧                 | (0.80kgf/cm <sup>2</sup> )<br>kgf/cm <sup>2</sup>                    | 78.5KPa<br>KPa                                   | 1kgf/cm <sup>2</sup> =98.0665KPa<br>SI 単位 Pa 又は N/m <sup>2</sup>                            |
| 回転速度                | (3rpm)<br>rpm  | 3min <sup>-1</sup><br>min <sup>-1</sup>          | SI 単位 s <sup>-1</sup> 、min <sup>-1</sup> 、h <sup>-1</sup>                                   |
| 走行速度                | (1.5km/h)<br>km/h  | 1.5km/h<br>km/h                                  | SI 単位 m/s、m/min、m/h   |
| ロープ速度               | (80m/min)<br>m/min   | 1.3m/s<br>m/s                                    | SI 単位 m/s、m/min、m/h   |
| 出力 (仕事率)            | (160PS)<br>PS  | 118kW<br>kW                                      | 1PS = 0.7355kW<br>SI 単位 W (ワット)   |
| 締付トルク               | (14kgf・m)<br>kgf/m   | 137N・m<br>N・m                                    | 1kgf = 9.80665N<br>SI 単位 N・m  |
| 耐圧                  | (1300kgf/cm <sup>2</sup> )<br>Kgf/cm <sup>2</sup>                    | 127Mpa<br>Mpa                                    | 1kgf/cm <sup>2</sup> =0.0980665MPa<br>SI 単位 Pa 又は N/m <sup>2</sup>                          |
| 重心位置側<br>クローラシューの荷重 | (24,000kgf)<br>kgf   | 235KN<br>KN                                      | 1kgf=0.00980665 kN<br>SI 単位 N   |
| 六角ボルト、ナットの<br>座面圧力  | (40kgf/mm <sup>2</sup> )<br>kgf/mm <sup>2</sup>                      | 392MPa<br>MPa                                    | 1kgf/mm <sup>2</sup> =9.80665MPa<br>=9.80665N/mm <sup>2</sup>                               |
| 軸受荷重                | (500kgf)<br>kgf  | 4.9KN<br>KN                                      | 1kgf=0.00980665 kN<br>SI 単位 N   |
| ばね最大応力              | (110kgf/mm <sup>2</sup> )<br>kgf/mm <sup>2</sup>                     | 1,079N/mm <sup>2</sup><br>N/mm <sup>2</sup>      | 1kgf/mm <sup>2</sup> =9.80665N/mm <sup>2</sup><br>SI 単位 Pa 又は N/m <sup>2</sup>              |
| 弾性係数                | (2,100,000kgf/cm <sup>2</sup> )<br>kgf/cm <sup>2</sup>               | 206GPa<br>GPa                                    | 1kgf/cm <sup>2</sup> =0.000980665GPa<br>SI 単位 Pa 又は N/m <sup>2</sup>                        |
| 衝撃値                 | kgfm/cm <sup>2</sup>   | J/cm <sup>2</sup>                                | 1kgf・m/cm <sup>2</sup> =9.80665J/cm <sup>2</sup><br>SI 単位 J/cm <sup>2</sup>                 |

↑注( )内の数値は従来単価の参考値

# 120t クローラクレーン 【7120-1F】

全体図(単位: mm)

縮尺: 約 1/150



# ▶ ブーム構成

【7120-1F】

- →印は、ジブ使用時のガイドライン取付位置を示します。
- ※印は、これより短いブームの組立可能な構成を示します。
- 使用するガイドラインの径はφ30mmです。

| 中間ブームの種類 |       |         |
|----------|-------|---------|
| 記号       | ブーム長さ | 備考      |
| 3.0      | 3.0m  | ブーム     |
| 6.1      | 6.1m  | ブーム     |
| 9.1      | 9.1m  | ブーム     |
| 3.0T     | 3.0m  | テーパーブーム |
| 3.0A     | 3.0m  | 中継ジブ    |
| 3.0      | 3.0m  | タワージブ   |
| 6.1      | 6.1m  | タワージブ   |
| 9.1      | 9.1m  | タワージブ   |

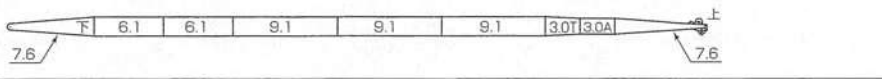
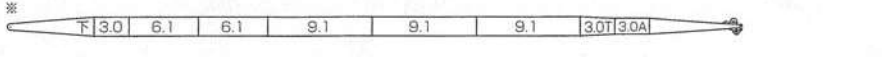
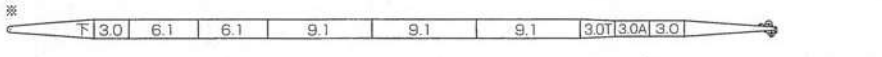
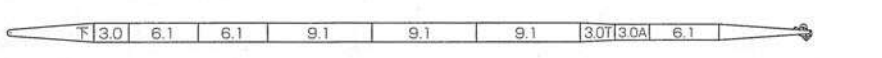
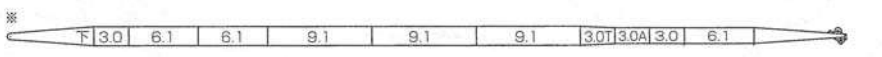
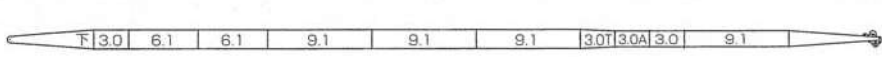
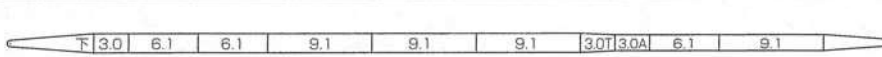
| ブーム長さ<br>m<br>(ft.) | ブーム構成 |
|---------------------|-------|
| 15.2<br>(50)        |       |
| 18.3<br>(60)        | *     |
| 21.3<br>(70)        | *     |
| 24.4<br>(80)        | *     |
| 27.4<br>(90)        | *     |
| 30.5<br>(100)       | *     |
| 33.5<br>(110)       | *     |
| 36.6<br>(120)       | *     |
| 39.6<br>(130)       | *     |

| ブーム長さ<br>m<br>(ft.) | ブーム構成 |
|---------------------|-------|
| 42.7<br>(140)       | *     |
| 45.7<br>(150)       | *     |
| 48.8<br>(160)       | *     |
| 51.8<br>(170)       | *     |
| 54.9<br>(180)       | *     |
| 57.9<br>(190)       | *     |

## ▶ ロングブーム構成

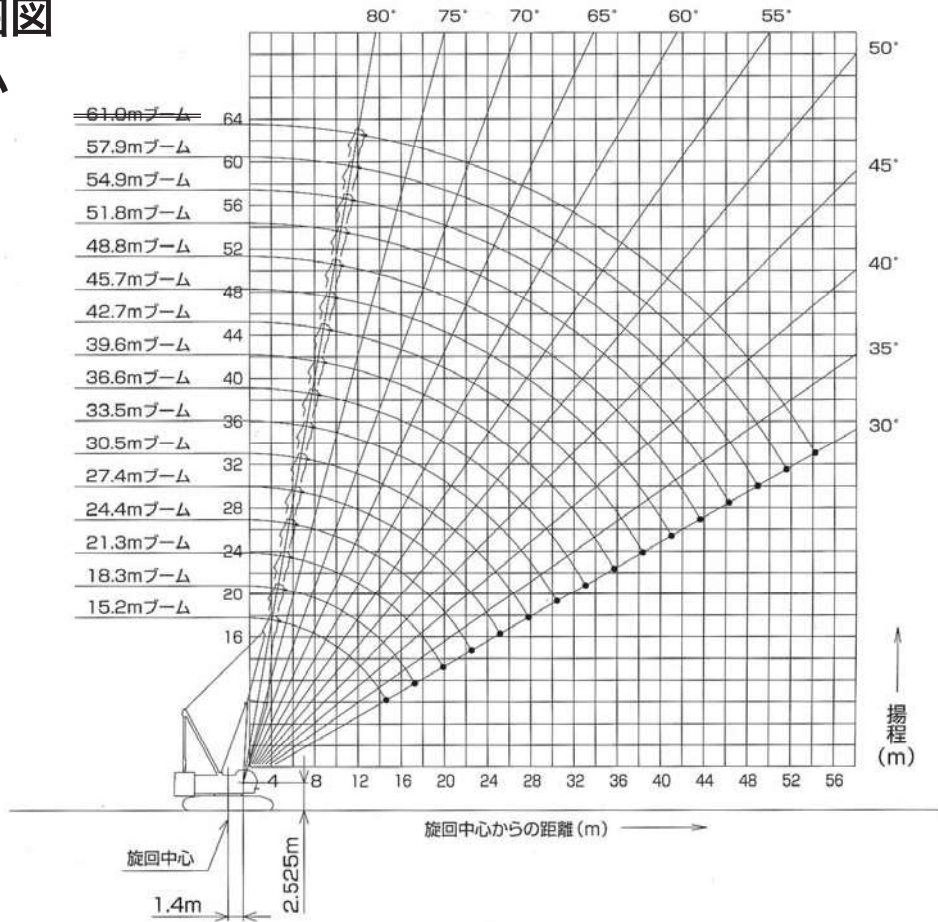
【7120-1F】

- ※印は、これより短いブームの組立可能な構成を示します。
- 使用するガイドラインの径はφ30mmです。

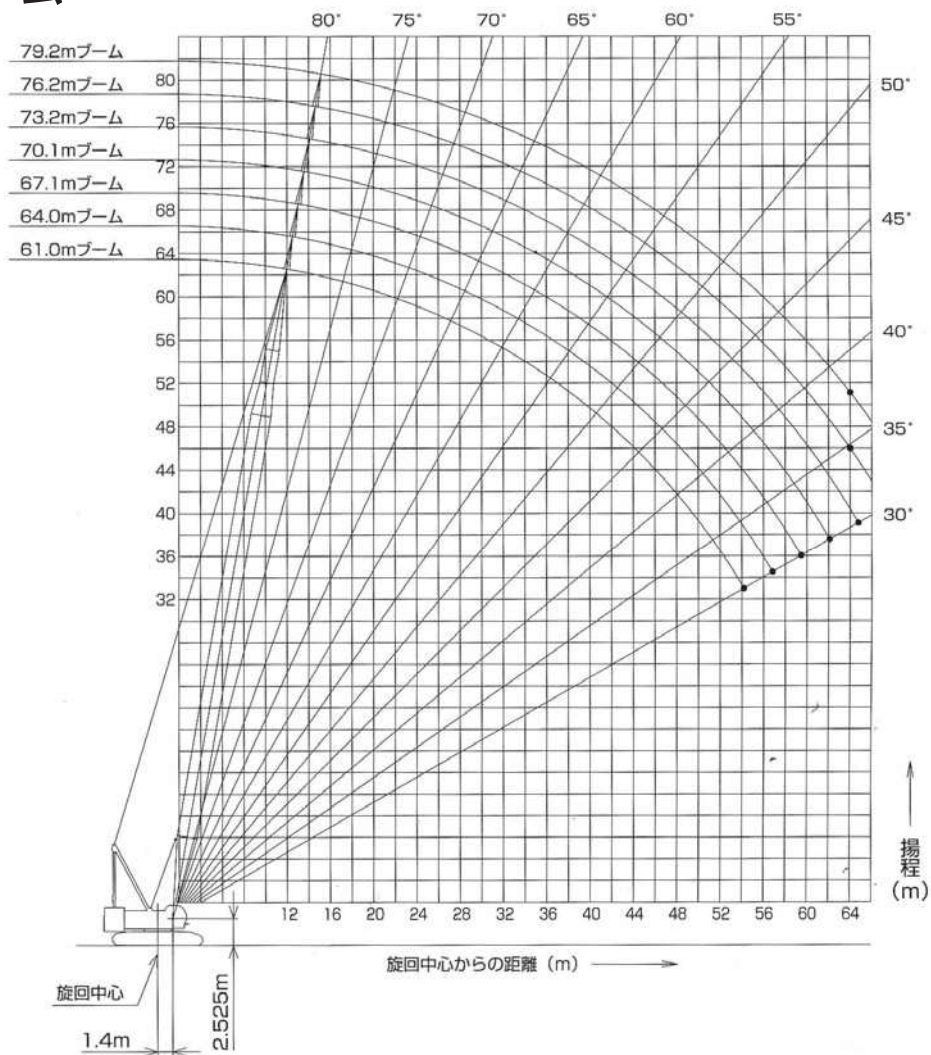
| ブーム長さ<br>m<br>(ft.) | ブーム構成/ロング  |
|---------------------|--|
| 61.0<br>(200)       |    |
| 64.0<br>(210)       | *  |
| 67.1<br>(220)       | *  |
| 70.1<br>(230)       |    |
| 73.2<br>(240)       | *  |
| 76.2<br>(250)       |    |
| 79.2<br>(260)       |  |

▶ 作動範囲図

■ 主ブーム



■ ロングブーム



# 主ブーム定格総荷重表

[7120-1F]

(単位：t)

| ブーム長さ<br>(m) | 15.2       | 18.3       | 21.3       | 24.4       | 27.4       | 30.5      | 33.5       | 36.6      | 39.6      | 42.7      | 45.7      | 48.8       | 51.8       | 54.9       | 57.9      | ブーム長さ<br>(m) |
|--------------|------------|------------|------------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|------------|------------|------------|-----------|--------------|
| 作業半径(m)      | 4.5        |            |            |            |            |           |            |           |           |           |           |            |            |            |           | 作業半径(m)      |
| 4.5          | 120/4.5m   |            |            |            |            |           |            |           |           |           |           |            |            |            |           | 4.5          |
| 5.0          | 120.0      | 108.0/5.1m | 96.0/5.6m  |            |            |           |            |           |           |           |           |            |            |            |           | 5.0          |
| 6.0          | 100.0      | 99.8       | 94.9       | 84.0/6.1m  | 74.6/6.7m  |           |            |           |           |           |           |            |            |            |           | 6.0          |
| 7.0          | 85.7       | 85.5       | 85.3       | 81.5       | 73.7       | 66.4/7.2m | 59.4/7.7m  |           |           |           |           |            |            |            |           | 7.0          |
| 8.0          | 73.7       | 73.6       | 73.5       | 73.5       | 71.3       | 64.7      | 58.9       | 53.6/8.2m | 48.0/8.8m |           |           |            |            |            |           | 8.0          |
| 9.0          | 61.5       | 61.3       | 61.2       | 61.1       | 61.0       | 60.9      | 57.2       | 52.5      | 48.0      | 43.5/9.3m | 39.6/9.8m |            |            |            |           | 9.0          |
| 10.0         | 52.6       | 52.5       | 52.3       | 52.2       | 52.1       | 52.0      | 52.0       | 51.2      | 46.8      | 42.8      | 39.5      | 36.0/10.4m | 32.1/10.9m | 29.4/11.4m |           | 10.0         |
| 12.0         | 40.6       | 40.5       | 40.3       | 40.2       | 40.0       | 40.0      | 39.9       | 39.7      | 39.7      | 39.5      | 37.8      | 34.7       | 31.4       | 29.0       | 26.9      | 12.0         |
| 14.0         | 33.0       | 32.8       | 32.6       | 32.5       | 32.3       | 32.3      | 32.2       | 32.0      | 31.9      | 31.8      | 31.6      | 31.6       | 30.1       | 27.9       | 25.9      | 14.0         |
| 16.0         | 29.1/14.9m | 27.5       | 27.3       | 27.2       | 26.9       | 26.9      | 26.8       | 26.6      | 26.5      | 26.4      | 26.2      | 26.1       | 26.0       | 25.8       | 24.9      | 16.0         |
| 18.0         |            | 24.5/17.5m | 23.3       | 23.2       | 23.0       | 22.9      | 22.8       | 22.6      | 22.5      | 22.4      | 22.2      | 22.1       | 22.0       | 21.8       | 21.6      | 18.0         |
| 20.0         |            |            | 20.3       | 20.2       | 20.0       | 19.9      | 19.8       | 19.5      | 19.5      | 19.3      | 19.1      | 19.1       | 18.9       | 18.7       | 18.6      | 20.0         |
| 22.0         |            |            | 20.2/20.1m | 17.8       | 17.6       | 17.5      | 17.4       | 17.1      | 17.1      | 16.9      | 16.7      | 16.6       | 16.5       | 16.3       | 16.1      | 22.0         |
| 24.0         |            |            |            | 17.1/22.8m | 15.6       | 15.5      | 15.4       | 15.2      | 15.1      | 14.9      | 14.7      | 14.7       | 14.5       | 14.3       | 14.1      | 24.0         |
| 26.0         |            |            |            |            | 14.5/25.4m | 13.9      | 13.8       | 13.6      | 13.5      | 13.3      | 13.1      | 13.0       | 12.9       | 12.7       | 12.5      | 26.0         |
| 28.0         |            |            |            |            |            | 12.6      | 12.5       | 12.2      | 12.1      | 12.0      | 11.7      | 11.7       | 11.5       | 11.3       | 11.1      | 28.0         |
| 30.0         |            |            |            |            |            |           | 11.3       | 11.1      | 11.0      | 10.8      | 10.6      | 10.5       | 10.3       | 10.1       | 10.0      | 30.0         |
| 32.0         |            |            |            |            |            |           | 11.0/30.7m | 10.1      | 10.0      | 9.8       | 9.6       | 9.5        | 9.3        | 9.1        | 9.0       | 32.0         |
| 34.0         |            |            |            |            |            |           |            | 9.5/33.3m | 9.1       | 8.9       | 8.7       | 8.6        | 8.5        | 8.2        | 8.1       | 34.0         |
| 36.0         |            |            |            |            |            |           |            |           | 8.4       | 8.2       | 8.0       | 7.9        | 7.7        | 7.5        | 7.3       | 36.0         |
| 38.0         |            |            |            |            |            |           |            |           |           | 7.5       | 7.3       | 7.2        | 7.0        | 6.8        | 6.6       | 38.0         |
| 40.0         |            |            |            |            |            |           |            |           |           | 7.4/38.6m | 6.7       | 6.6        | 6.4        | 6.2        | 6.0       | 40.0         |
| 42.0         |            |            |            |            |            |           |            |           |           |           | 6.4/41.2m | 6.1        | 5.9        | 5.7        | 5.5       | 42.0         |
| 44.0         |            |            |            |            |            |           |            |           |           |           |           | 5.6/43.9m  | 5.4        | 5.2        | 5.0       | 44.0         |
| 46.0         |            |            |            |            |            |           |            |           |           |           |           |            | 5.0        | 4.7        | 4.6       | 46.0         |
| 48.0         |            |            |            |            |            |           |            |           |           |           |           |            | 4.9/46.5m  | 4.3        | 4.1       | 48.0         |
| 50.0         |            |            |            |            |            |           |            |           |           |           |           |            |            | 4.1/49.2m  | 3.7       | 50.0         |
| 52.0         |            |            |            |            |            |           |            |           |           |           |           |            |            |            | 3.3/51.8m | 52.0         |
| 54.0         |            |            |            |            |            |           |            |           |           |           |           |            |            |            |           | 54.0         |
| 56.0         |            |            |            |            |            |           |            |           |           |           |           |            |            |            |           | 56.0         |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# 補助シーブ定格総荷重表 (主ブームにフックなし)

(単位：t)

| ブーム長さ<br>(m) | 15.2       | 18.3       | 21.3       | 24.4       | 27.4       | 30.5       | 33.5      | 36.6      | 39.6      | 42.7      | 45.7       | 48.8       | 51.8       | 54.9       | 57.9       | ブーム長さ<br>(m) |
|--------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|--------------|
| 作業半径(m)      | 4.5        |            |            |            |            |            |           |           |           |           |            |            |            |            |            | 作業半径(m)      |
| 4.5          | 120/5.3m   | 120/5.8m   |            |            |            |            |           |           |           |           |            |            |            |            |            | 4.5          |
| 5.0          | 12.0       | 12.0       | 12.0/6.3m  | 12.0/6.9m  |            |            |           |           |           |           |            |            |            |            |            | 5.0          |
| 6.0          | 12.0       | 12.0       | 12.0       | 12.0       | 12.0/7.4m  | 12.0/7.9m  |           |           |           |           |            |            |            |            |            | 6.0          |
| 7.0          | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0/8.4m |           |           |           |            |            |            |            |            | 7.0          |
| 8.0          | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0/9.5m |           |            |            |            |            |            | 8.0          |
| 9.0          | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0/10.6m | 12.0/11.1m | 12.0/11.6m |            |            | 9.0          |
| 10.0         | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0/12.2m | 12.0/12.7m | 12.0         |
| 12.0         | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 14.0         | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 16.0         | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 18.0         | 12.0/16.2m | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 20.0         |            | 12.0/18.8m | 12.0       | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 22.0         |            |            | 12.0/21.5m | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 24.0         |            |            |            | 12.0       | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 26.0         |            |            |            | 12.0/24.1m | 12.0       | 12.0       | 12.0      | 12.0      | 12.0      | 12.0      | 12.0       | 12.0       | 12.0       | 12.0       | 12.0       | 12.0         |
| 28.0         |            |            |            |            | 12.0/26.7m | 12.0       | 12.0      | 11.9      | 11.8      | 11.7      | 11.4       | 11.4       | 11.2       | 11.0       | 10.8       | 28.0         |
| 30.0         |            |            |            |            |            | 12.0/29.4m | 11.0      | 10.8      | 10.7      | 10.5      | 10.3       | 10.2       | 10.0       | 9.8        | 9.7        | 30.0         |
| 32.0         |            |            |            |            |            |            | 10.1      | 9.8       | 9.7       | 9.5       | 9.3        | 9.2        | 9.0        | 8.8        | 8.7        | 32.0         |
| 34.0         |            |            |            |            |            |            |           | 8.9       | 8.8       | 8.6       | 8.4        | 8.3        | 8.2        | 7.9        | 7.8        | 34.0         |
| 36.0         |            |            |            |            |            |            |           | 8.6/34.7m | 8.1       | 7.9       | 7.7        | 7.6        | 7.4        | 7.2        | 7.0        | 36.0         |
| 38.0         |            |            |            |            |            |            |           |           | 7.6/37.3m | 7.2       | 7.0        | 6.9        | 6.7        | 6.5        | 6.3        | 38.0         |
| 40.0         |            |            |            |            |            |            |           |           |           | 6.9/39.9m | 6.4        | 6.3        | 6.1        | 5.9        | 5.7        | 40.0         |
| 42.0         |            |            |            |            |            |            |           |           |           |           | 5.9        | 5.8        | 5.6        | 5.4        | 5.2        | 42.0         |
| 44.0         |            |            |            |            |            |            |           |           |           |           | 5.8/42.6m  | 5.3        | 5.1        | 4.9        | 4.7        | 44.0         |
| 46.0         |            |            |            |            |            |            |           |           |           |           |            | 5.0/45.2m  | 4.7        | 4.4        | 4.3        | 46.0         |
| 48.0         |            |            |            |            |            |            |           |           |           |           |            |            | 4.3/47.9m  | 4.0        | 3.8        | 48.0         |
| 50.0         |            |            |            |            |            |            |           |           |           |           |            |            |            | 3.7        | 3.4        | 50.0         |
| 52.0         |            |            |            |            |            |            |           |           |           |           |            |            |            | 3.6/50.5m  | 3.0        | 52.0         |
| 54.0         |            |            |            |            |            |            |           |           |           |           |            |            |            |            | 2.7/53.1m  | 54.0         |
| 56.0         |            |            |            |            |            |            |           |           |           |           |            |            |            |            |            | 56.0         |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。



## ▶ ロング主ブーム定格総荷重表

【7120-1F】

(単位：t)

| ブーム長さ<br>(m)<br>作業半径(m) | 61.0       | 64.0       | 67.1       | 70.1       | 73.2       | 76.2       | 79.2       | ブーム長さ<br>(m)<br>作業半径(m) |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|-------------------------|
| 12.0                    | 24.0/12.3m | 24.0/12.8m | 24.0/13.3m | 24.0/13.9m |            |            |            | 12.0                    |
| 14.0                    | 24.0       | 24.0       | 24.0       | 24.0       | 22.1/14.4m | 18.7/14.9m | 16.3/15.4m | 14.0                    |
| 16.0                    | 24.0       | 24.0       | 24.0       | 24.0       | 20.9       | 17.9       | 15.9       | 16.0                    |
| 18.0                    | 22.8       | 22.6       | 22.5       | 22.5       | 19.5       | 16.7       | 14.8       | 18.0                    |
| 20.0                    | 19.7       | 19.5       | 19.5       | 19.4       | 18.3       | 15.7       | 13.9       | 20.0                    |
| 22.0                    | 17.3       | 17.1       | 17.0       | 17.0       | 16.9       | 14.8       | 13.1       | 22.0                    |
| 24.0                    | 15.3       | 15.1       | 15.0       | 15.0       | 14.9       | 14.0       | 12.3       | 24.0                    |
| 26.0                    | 13.7       | 13.5       | 13.4       | 13.4       | 13.3       | 13.1       | 11.7       | 26.0                    |
| 28.0                    | 12.3       | 12.1       | 12.0       | 12.0       | 11.9       | 11.7       | 11.2       | 28.0                    |
| 30.0                    | 11.1       | 10.9       | 10.8       | 10.8       | 10.7       | 10.6       | 10.5       | 30.0                    |
| 32.0                    | 10.1       | 9.9        | 9.8        | 9.8        | 9.7        | 9.5        | 9.5        | 32.0                    |
| 34.0                    | 9.2        | 9.0        | 8.9        | 8.9        | 8.8        | 8.7        | 8.6        | 34.0                    |
| 36.0                    | 8.4        | 8.3        | 8.2        | 8.1        | 8.0        | 7.9        | 7.8        | 36.0                    |
| 38.0                    | 7.8        | 7.6        | 7.5        | 7.5        | 7.4        | 7.2        | 7.2        | 38.0                    |
| 40.0                    | 7.2        | 7.0        | 6.9        | 6.8        | 6.7        | 6.6        | 6.5        | 40.0                    |
| 42.0                    | 6.6        | 6.4        | 6.3        | 6.3        | 6.2        | 6.0        | 6.0        | 42.0                    |
| 44.0                    | 6.1        | 5.9        | 5.8        | 5.8        | 5.7        | 5.5        | 5.5        | 44.0                    |
| 46.0                    | 5.7        | 5.5        | 5.4        | 5.3        | 5.2        | 5.1        | 5.0        | 46.0                    |
| 48.0                    | 5.3        | 5.1        | 5.0        | 4.9        | 4.8        | 4.7        | 4.6        | 48.0                    |
| 50.0                    | 4.9        | 4.7        | 4.6        | 4.6        | 4.5        | 4.3        | 4.3        | 50.0                    |
| 52.0                    | 4.6        | 4.4        | 4.3        | 4.2        | 4.1        | 4.0        | 3.9        | 52.0                    |
| 54.0                    | 4.3        | 4.1        | 3.9        | 3.9        | 3.8        | 3.6        | 3.5        | 54.0                    |
| 56.0                    | 4.2/54.4m  | 3.8        | 3.7        | 3.6        | 3.5        | 3.3        | 3.2        | 56.0                    |
| 58.0                    |            | 3.6/57.0m  | 3.4        | 3.3        | 3.2        | 2.9        | 2.9        | 58.0                    |
| 60.0                    |            |            | 3.1/59.7m  | 3.0        | 2.9        | 2.6        | 2.6        | 60.0                    |
| 62.0                    |            |            |            | 2.8        | 2.6        | 2.4        | 2.3        | 62.0                    |
| 64.0                    |            |            |            | 2.7/62.3m  | 2.4        | 2.1        | 2.0        | 64.0                    |
| 66.0                    |            |            |            |            | 2.2/64.9m  |            |            | 66.0                    |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

## ▶ ロング補助シーブ定格総荷重表 (主ブームにフックなし)

(単位：t)

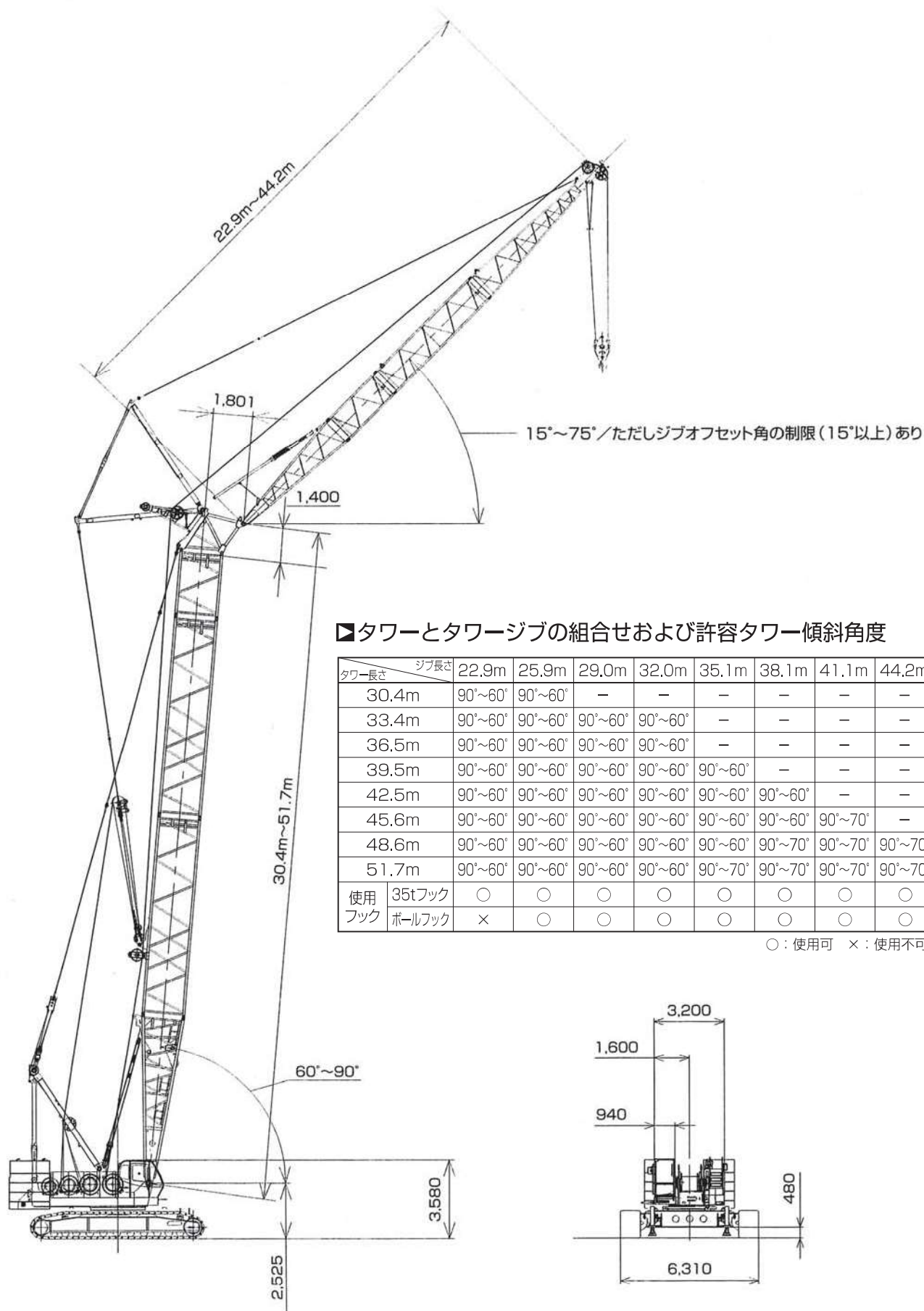
| ブーム長さ<br>(m)<br>作業半径(m) | 61.0       | 64.0       | 67.1      | 70.1       | 73.2       | 76.2       | ブーム長さ<br>(m)<br>作業半径(m) |
|-------------------------|------------|------------|-----------|------------|------------|------------|-------------------------|
| 12.0                    | 12.0/12.9m | 12.0/13.4m |           |            |            |            | 12.0                    |
| 14.0                    | 12.0       | 12.0       | 12.0      | 12.0/14.5m | 12.0/15.0m | 12.0/15.5m | 14.0                    |
| 16.0                    | 12.0       | 12.0       | 12.0      | 12.0       | 12.0       | 12.0       | 16.0                    |
| 18.0                    | 12.0       | 12.0       | 12.0      | 12.0       | 12.0       | 12.0       | 18.0                    |
| 20.0                    | 12.0       | 12.0       | 12.0      | 12.0       | 12.0       | 12.0       | 20.0                    |
| 22.0                    | 12.0       | 12.0       | 12.0      | 12.0       | 12.0       | 12.0       | 22.0                    |
| 24.0                    | 12.0       | 12.0       | 12.0      | 12.0       | 12.0       | 12.0       | 24.0                    |
| 26.0                    | 12.0       | 12.0       | 12.0      | 12.0       | 12.0       | 12.0       | 26.0                    |
| 28.0                    | 12.0       | 11.8       | 11.7      | 11.7       | 11.6       | 11.4       | 28.0                    |
| 30.0                    | 10.8       | 10.6       | 10.5      | 10.5       | 10.4       | 10.3       | 30.0                    |
| 32.0                    | 9.8        | 9.6        | 9.5       | 9.5        | 9.4        | 9.2        | 32.0                    |
| 34.0                    | 8.9        | 8.7        | 8.6       | 8.6        | 8.5        | 8.4        | 34.0                    |
| 36.0                    | 8.1        | 8.0        | 7.9       | 7.8        | 7.7        | 7.6        | 36.0                    |
| 38.0                    | 7.5        | 7.3        | 7.2       | 7.2        | 7.1        | 6.9        | 38.0                    |
| 40.0                    | 6.9        | 6.7        | 6.6       | 6.5        | 6.4        | 6.3        | 40.0                    |
| 42.0                    | 6.3        | 6.1        | 6.0       | 6.0        | 5.9        | 5.7        | 42.0                    |
| 44.0                    | 5.8        | 5.6        | 5.5       | 5.5        | 5.4        | 5.2        | 44.0                    |
| 46.0                    | 5.4        | 5.2        | 5.1       | 5.0        | 4.9        | 4.8        | 46.0                    |
| 48.0                    | 5.0        | 4.8        | 4.7       | 4.6        | 4.5        | 4.4        | 48.0                    |
| 50.0                    | 4.6        | 4.4        | 4.3       | 4.3        | 4.2        | 4.0        | 50.0                    |
| 52.0                    | 4.3        | 4.1        | 4.0       | 3.9        | 3.8        | 3.7        | 52.0                    |
| 54.0                    | 4.0        | 3.8        | 3.6       | 3.6        | 3.5        | 3.3        | 54.0                    |
| 56.0                    | 3.7/55.1m  | 3.5        | 3.4       | 3.3        | 3.2        | 3.0        | 56.0                    |
| 58.0                    |            | 3.2/57.8m  | 3.1       | 3.0        | 2.9        | 2.6        | 58.0                    |
| 60.0                    |            |            | 2.8       | 2.7        | 2.6        | 2.3        | 60.0                    |
| 62.0                    |            |            | 2.7/60.4m | 2.5        | 2.3        | 2.1        | 62.0                    |
| 64.0                    |            |            |           | 2.4/63.0m  | 2.1        |            | 64.0                    |
| 66.0                    |            |            |           |            |            |            | 66.0                    |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# 120t ラッピングタワー

【7120-1F】

## ▶ 全体図(単位：mm)



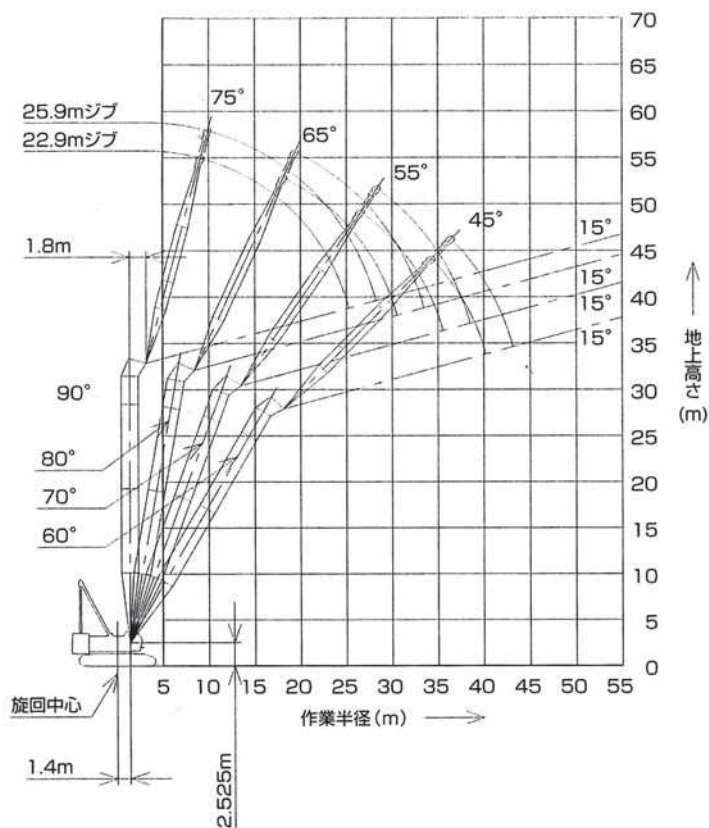
▶ タワーとタワージブの組合せおよび許容タワー傾斜角度

| タワー長さ     | ジブ長さ   | 22.9m   | 25.9m   | 29.0m   | 32.0m   | 35.1m   | 38.1m   | 41.1m   | 44.2m   | 敷板 |
|-----------|--------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| 30.4m     |        | 90°~60° | 90°~60° | —       | —       | —       | —       | —       | —       | —  |
| 33.4m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | —       | —       | —       | —       | —  |
| 36.5m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | —       | —       | —       | —       | —  |
| 39.5m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | —       | —       | —       | —  |
| 42.5m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | —       | —       | —  |
| 45.6m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~70° | —       | —  |
| 48.6m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~70° | 90°~70° | 90°~70° | —  |
| 51.7m     |        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~70° | 90°~70° | 90°~70° | 90°~70° | ◎  |
| 使用<br>フック | 35tフック | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ⊗  |
|           | ボールフック | ×       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |    |

○：使用可 ×：使用不可 ◎：必要

# ▶ タワー長さ30.4m

【7120-1F】



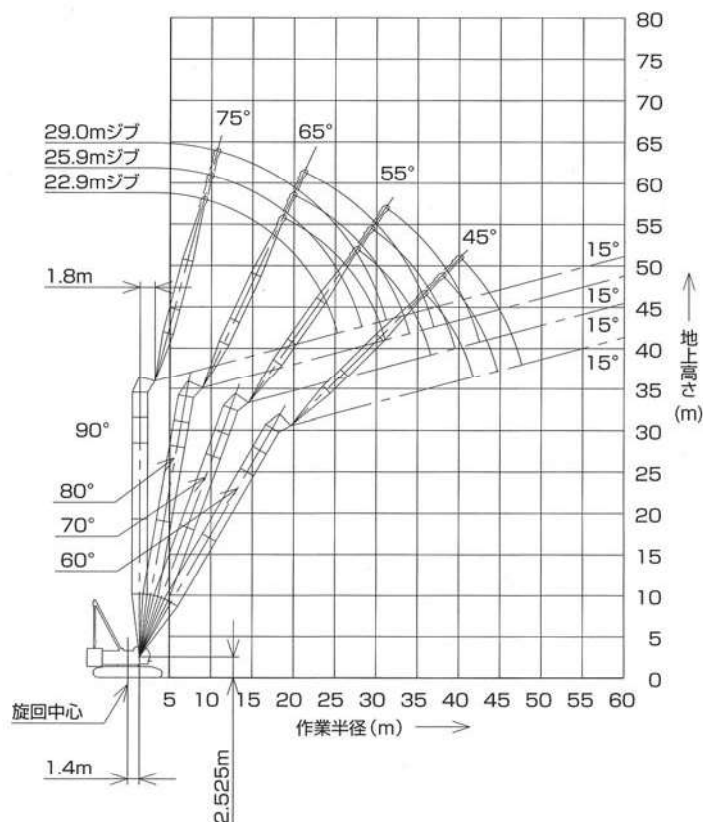
(単位:t)

| タワー長さm   | 30.4 |           |            |            |            |            |            |           | タワー長さm |
|----------|------|-----------|------------|------------|------------|------------|------------|-----------|--------|
| ジブ長さm    | 22.9 |           |            |            | 25.9       |            |            |           | ジブ長さm  |
| タワー角度    | 90°  | 80°       | 70°        | 60°        | 90°        | 80°        | 70°        | 60°       | タワー角度  |
| 作業半径 (m) | 9.4  | 20.0      |            |            |            |            |            |           | 9.4    |
|          | 10.0 | 20.0      |            |            | 20.0/10.2m |            |            |           | 10.0   |
|          | 12.0 | 20.0      |            |            | 20.0       |            |            |           | 12.0   |
|          | 14.0 | 20.0      |            |            | 20.0       |            |            |           | 14.0   |
|          | 15.0 | 20.0      |            |            | 20.0       |            |            |           | 15.0   |
|          | 16.0 | 18.7      |            |            | 18.7       |            |            |           | 16.0   |
|          | 18.0 | 16.6      | 16.3/18.4m |            | 16.6       | 15.2/19.7m |            |           | 18.0   |
|          | 20.0 | 15.0      | 15.0       |            | 15.0       | 15.0       |            |           | 20.0   |
|          | 22.0 | 13.3      | 13.6       |            | 13.6       | 13.6       |            |           | 22.0   |
|          | 24.0 | 9.9       | 12.5       |            | 12.1       | 12.5       |            |           | 24.0   |
|          | 26.0 | 7.1/25.4m | 11.5       | 11.1/26.8m | 9.5        | 11.5       |            |           | 26.0   |
|          | 28.0 |           | 10.7       | 10.7       | 6.7        | 10.7       | 10.4/28.6m |           | 28.0   |
|          | 30.0 |           | 10.0       | 10.0       | 6.1/28.3m  | 10.0       | 10.0       |           | 30.0   |
|          | 32.0 |           | 9.4/30.6m  | 9.3        |            | 9.3        | 9.3        |           | 32.0   |
|          | 34.0 |           |            | 8.8        | 8.5/34.5m  | 7.7/33.5m  | 8.8        |           | 34.0   |
|          | 36.0 |           |            | 8.4/35.6m  | 7.9        |            | 8.3        | 7.7/36.7m | 36.0   |
|          | 38.0 |           |            |            | 7.5        |            | 7.8        | 7.3       | 38.0   |
| 40.0     |      |           |            | 7.0        |            | 7.7/38.6m  | 6.9        | 40.0      |        |
| 42.0     |      |           |            | 6.9/40.3m  |            |            | 6.4        | 42.0      |        |
| 44.0     |      |           |            |            |            |            | 6.2/43.2m  | 44.0      |        |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ33.4m

【7120-1F】



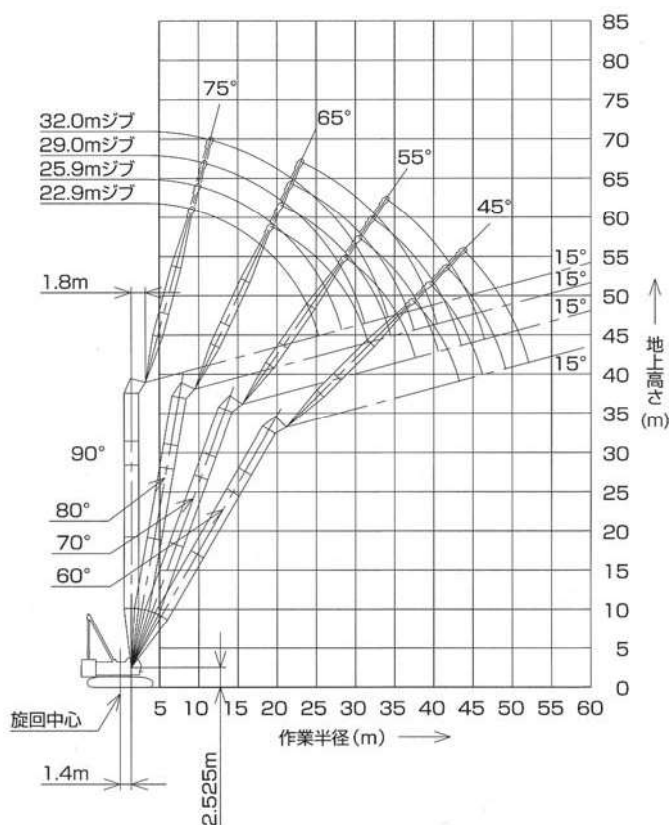
(単位：t)

| タワー長さm | 33.4      |            |            |           |            |            |            |           |            |            |           |           | タワー長さm |
|--------|-----------|------------|------------|-----------|------------|------------|------------|-----------|------------|------------|-----------|-----------|--------|
| ジブ長さm  | 22.9      |            |            |           | 25.9       |            |            |           | 29.0       |            |           |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°        | 60°       | 90°        | 80°        | 70°        | 60°       | 90°        | 80°        | 70°       | 60°       | タワー角度  |
| 9.4    | 20.0      |            |            |           |            |            |            |           |            |            |           |           | 9.4    |
| 10.0   | 20.0      |            |            |           | 20.0/10.2m |            |            |           | 20.0/11.0m |            |           |           | 10.0   |
| 12.0   | 20.0      |            |            |           | 20.0       |            |            |           | 20.0       |            |           |           | 12.0   |
| 14.0   | 20.0      |            |            |           | 20.0       |            |            |           | 20.0       |            |           |           | 14.0   |
| 15.0   | 20.0      |            |            |           | 20.0       |            |            |           | 20.0       |            |           |           | 15.0   |
| 16.0   | 18.7      |            |            |           | 18.7       |            |            |           | 18.7       |            |           |           | 16.0   |
| 18.0   | 16.6      | 15.8/18.9m |            |           | 16.6       |            |            |           | 16.6       |            |           |           | 18.0   |
| 20.0   | 15.0      | 15.0       |            |           | 15.0       | 14.8/20.2m |            |           | 15.0       | 13.9/21.5m |           |           | 20.0   |
| 22.0   | 13.4      | 13.6       |            |           | 13.6       | 13.6       |            |           | 13.6       | 13.6       |           |           | 22.0   |
| 24.0   | 10.0      | 12.5       |            |           | 12.3       | 12.5       |            |           | 12.5       | 12.5       |           |           | 24.0   |
| 26.0   | 7.2/25.4m | 11.5       | 10.7/27.9m |           | 9.7        | 11.5       |            |           | 11.2       | 11.5       |           |           | 26.0   |
| 28.0   |           | 10.7       | 10.7       |           | 6.9        | 10.7       | 10.1/29.6m |           | 9.1        | 10.7       |           |           | 28.0   |
| 30.0   |           | 10.0       | 10.0       |           | 6.2/28.3m  | 10.0       | 10.0       |           | 7.0        | 10.0       | 9.5/31.4m |           | 30.0   |
| 32.0   |           | 9.5/31.1m  | 9.3        |           |            | 9.3        | 9.3        |           | 5.3/31.2m  | 9.3        | 9.3       |           | 32.0   |
| 34.0   |           |            | 8.8        |           |            | 8.6        | 8.8        |           |            | 8.8        | 8.8       |           | 34.0   |
| 36.0   |           |            | 8.3        | 7.6       |            | 8.1/34.1m  | 8.3        |           |            | 8.3        | 8.3       |           | 36.0   |
| 38.0   |           |            | 8.1/36.7m  | 7.0       |            |            | 7.8        | 6.9/38.2m |            | 7.0/37.0m  | 7.8       |           | 38.0   |
| 40.0   |           |            |            | 6.6       |            |            | 7.5/39.6m  | 6.4       |            |            | 7.4       | 6.3/40.3m | 40.0   |
| 42.0   |           |            |            | 6.2/41.8m |            |            |            | 6.1       |            |            | 6.9       | 5.8       | 42.0   |
| 44.0   |           |            |            |           |            |            |            | 5.7       |            |            | 6.8/42.6m | 5.6       | 44.0   |
| 46.0   |           |            |            |           |            |            |            | 5.6/44.8m |            |            |           | 5.2       | 46.0   |
| 48.0   |           |            |            |           |            |            |            |           |            |            |           | 5.0/47.7m | 48.0   |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ36.5m

[7120-1F]



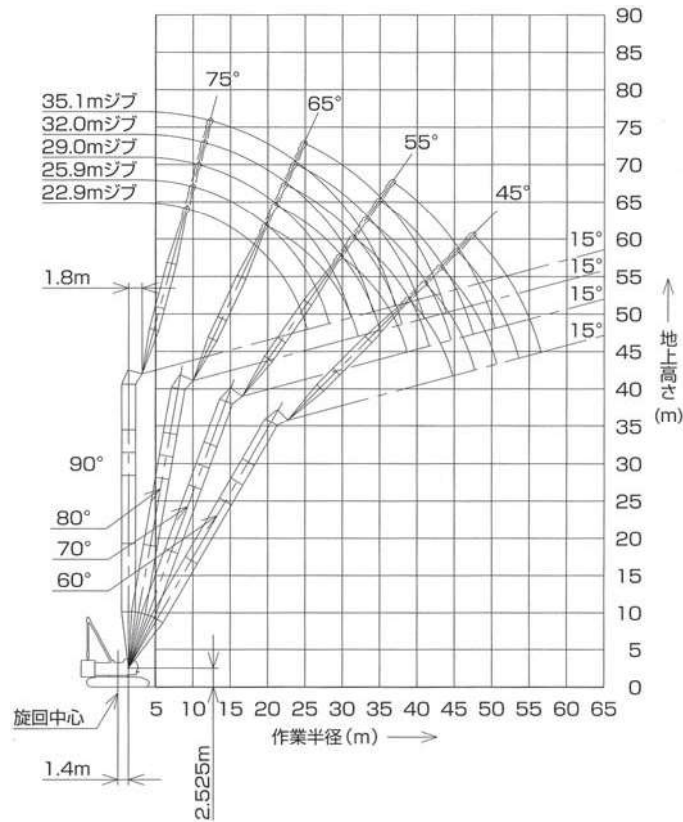
(単位：t)

| タワー長さm  |      | 36.5      |            |            |            |            |           |           |            |           |           |           |            |            |      |           |       | タワー長さm |
|---------|------|-----------|------------|------------|------------|------------|-----------|-----------|------------|-----------|-----------|-----------|------------|------------|------|-----------|-------|--------|
| ジブ長さm   |      | 22.9      |            |            |            | 25.9       |           |           |            | 29.0      |           |           |            | 32.0       |      |           |       | ジブ長さm  |
| タワー角度   | 90°  | 80°       | 70°        | 60°        | 90°        | 80°        | 70°       | 60°       | 90°        | 80°       | 70°       | 60°       | 90°        | 80°        | 70°  | 60°       | タワー角度 |        |
| 作業半径(m) | 9.4  | 20.0      |            |            |            |            |           |           |            |           |           |           |            |            |      |           | 9.4   |        |
|         | 10.0 | 20.0      |            |            | 20.0/10.2m |            |           |           | 20.0/11.0m |           |           |           | 20.0/11.8m |            |      |           | 10.0  |        |
|         | 12.0 | 20.0      |            |            | 20.0       |            |           |           | 20.0       |           |           |           | 20.0       |            |      |           | 12.0  |        |
|         | 14.0 | 20.0      |            |            | 20.0       |            |           |           | 20.0       |           |           |           | 19.6       |            |      |           | 14.0  |        |
|         | 15.0 | 20.0      |            |            | 20.0       |            |           |           | 20.0       |           |           |           | 19.1       |            |      |           | 15.0  |        |
|         | 16.0 | 18.7      |            |            | 18.7       |            |           |           | 18.7       |           |           |           | 18.6       |            |      |           | 16.0  |        |
|         | 18.0 | 16.6      | 15.4/19.4m |            | 16.6       |            |           |           | 16.6       |           |           |           | 16.6       |            |      |           | 18.0  |        |
|         | 20.0 | 15.0      | 15.0       |            | 15.0       | 14.4/20.7m |           |           | 15.0       |           |           |           | 15.0       |            |      |           | 20.0  |        |
|         | 22.0 | 13.5      | 13.6       |            | 13.6       | 13.6       |           |           | 13.6       | 13.6      |           |           | 13.6       | 12.8/23.3m |      |           | 22.0  |        |
|         | 24.0 | 10.1      | 12.5       |            | 12.4       | 12.5       |           |           | 12.5       | 12.5      |           |           | 12.5       | 12.5       |      |           | 24.0  |        |
|         | 26.0 | 7.3/25.4m | 11.5       |            | 9.8        | 11.5       |           |           | 11.2       | 11.5      |           |           | 11.5       | 11.5       |      |           | 26.0  |        |
|         | 28.0 |           | 10.7       | 10.3/28.9m |            | 6.9        | 10.7      |           |            | 9.2       | 10.7      |           |            | 10.2       | 10.7 |           | 28.0  |        |
|         | 30.0 |           | 10.0       | 10.0       |            | 6.3/28.3m  | 10.0      | 9.7/30.7m |            | 7.1       | 10.0      |           |            | 8.6        | 10.0 |           | 30.0  |        |
|         | 32.0 |           | 9.4/31.7m  | 9.3        |            |            | 9.3       | 9.3       |            | 5.4/31.2m | 9.3       | 9.2/32.4m |            | 6.9        | 9.3  |           | 32.0  |        |
|         | 34.0 |           |            | 8.8        |            |            | 8.8       | 8.8       |            |           | 8.8       | 8.7       |            | 5.0        | 8.8  | 8.6/34.2m | 34.0  |        |
|         | 36.0 |           |            | 8.3        | 6.8/37.6m  | 8.2/34.6m  | 8.3       |           |            | 8.3       | 8.2       |           |            | 4.6/34.2m  | 8.3  | 8.0       | 36.0  |        |
|         | 38.0 |           |            | 7.9/37.7m  | 6.6        |            | 7.8       | 6.2/39.7m |            | 7.1/37.6m | 7.7       |           |            | 7.8        | 7.6  |           | 38.0  |        |
|         | 40.0 |           |            |            | 6.2        |            | 7.2       | 6.0       |            |           | 7.2       | 5.6/41.9m |            | 7.0        | 7.1  |           | 40.0  |        |
| 42.0    |      |           |            | 5.8        |            | 7.1/40.7m  | 5.7       |           |            | 6.7       | 5.5       |           | 6.2/40.5m  | 6.6        |      | 42.0      |       |        |
| 44.0    |      |           |            | 5.6/43.3m  |            |            | 5.4       |           |            | 6.3/43.6m | 5.2       |           |            | 6.2        | 5.0  | 44.0      |       |        |
| 46.0    |      |           |            |            |            |            | 5.0       |           |            |           | 4.9       |           |            | 5.9        | 4.7  | 46.0      |       |        |
| 48.0    |      |           |            |            |            |            | 5.0/46.3m |           |            |           | 4.6       |           |            | 5.7/46.5m  | 4.6  | 48.0      |       |        |
| 50.0    |      |           |            |            |            |            |           |           |            |           | 4.4/49.2m |           |            |            | 4.3  | 50.0      |       |        |
| 52.0    |      |           |            |            |            |            |           |           |            |           |           |           |            |            |      | 4.0       | 52.0  |        |
| 54.0    |      |           |            |            |            |            |           |           |            |           |           |           |            |            |      | 3.8/52.2m | 54.0  |        |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ39.5m

【7120-1F】



(単位：t)

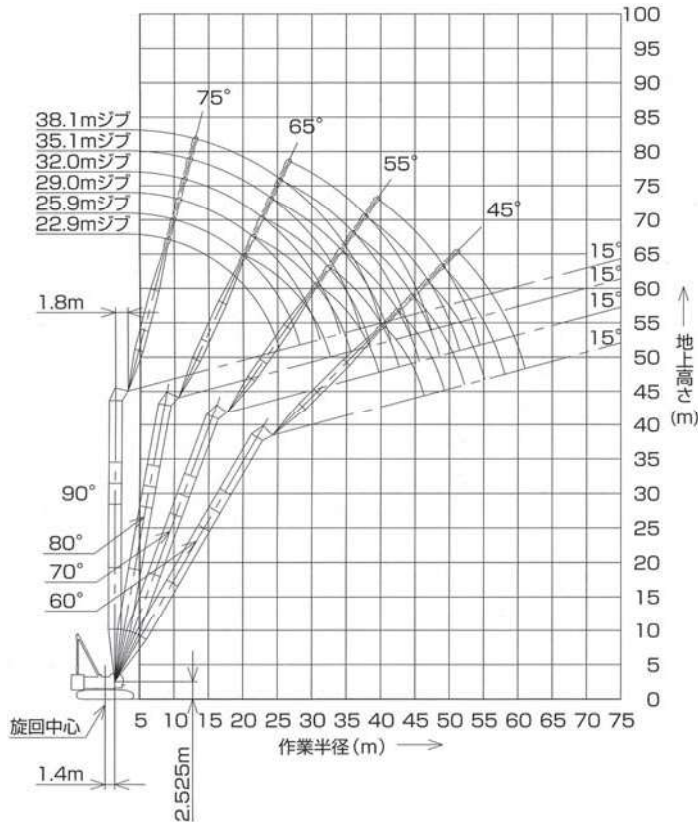
| タワー長さm   |      | 39.5      |           |           |           |            |            |           |           |            |           |            |           |            |           |            |           | タワー長さm |            |            |           |       |
|----------|------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--------|------------|------------|-----------|-------|
| ジブ長さm    |      | 22.9      |           |           |           | 25.9       |            |           |           | 29.0       |           |            |           | 32.0       |           |            |           | 35.1   |            |            |           | ジブ長さm |
| タワー角度    |      | 90°       | 80°       | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90°        | 80°       | 70°        | 60°       | 90°        | 80°       | 70°        | 60°       | 90°    | 80°        | 70°        | 60°       | タワー角度 |
| 作業半径 (m) | 9.4  | 20.0      |           |           |           |            |            |           |           |            |           |            |           |            |           |            |           |        |            |            |           | 9.4   |
|          | 10.0 | 20.0      |           |           |           | 20.0/10.2m |            |           |           | 20.0/11.0m |           |            |           | 20.0/11.8m |           |            |           |        |            |            |           | 10.0  |
|          | 12.0 | 20.0      |           |           |           | 20.0       |            |           |           | 20.0       |           |            |           | 20.0       |           |            |           |        | 16.5/12.5m |            |           | 12.0  |
|          | 14.0 | 20.0      |           |           |           | 20.0       |            |           |           | 20.0       |           |            |           | 19.6       |           |            |           |        | 16.3       |            |           | 14.0  |
|          | 15.0 | 20.0      |           |           |           | 20.0       |            |           |           | 20.0       |           |            |           | 19.1       |           |            |           |        | 16.0       |            |           | 15.0  |
|          | 16.0 | 18.7      |           |           |           | 18.7       |            |           |           | 18.7       |           |            |           | 18.6       |           |            |           |        | 15.7       |            |           | 16.0  |
|          | 18.0 | 16.6      |           |           |           | 16.6       |            |           |           | 16.6       |           |            |           | 16.6       |           |            |           |        | 15.3       |            |           | 18.0  |
|          | 20.0 | 15.0      | 15.0      |           |           | 15.0       | 14.1/21.2m |           |           |            | 15.0      |            |           | 15.0       |           |            |           |        | 14.9       |            |           | 20.0  |
|          | 22.0 | 13.6      | 13.6      |           |           | 13.6       | 13.6       |           |           |            | 13.6      | 13.3/22.5m |           |            | 13.6      | 12.6/23.8m |           |        | 13.6       |            |           | 22.0  |
|          | 24.0 | 10.2      | 12.5      |           |           | 12.4       | 12.5       |           |           |            | 12.5      | 12.5       |           |            | 12.5      | 12.5       |           |        | 12.5       | 11.9/25.1m |           | 24.0  |
|          | 26.0 | 7.4/25.4m | 11.5      |           |           | 9.8        | 11.5       |           |           |            | 11.3      | 11.5       |           |            | 11.5      | 11.5       |           |        | 11.5       | 11.5       |           | 26.0  |
|          | 28.0 |           | 10.7      |           |           | 7.0        | 10.7       |           |           |            | 9.3       | 10.7       |           |            | 10.2      | 10.7       |           |        | 10.7       | 10.7       |           | 28.0  |
|          | 30.0 |           | 10.0      | 10.0      |           | 6.3/28.3m  | 10.0       | 9.4/31.7m |           |            | 7.2       | 10.0       |           |            | 8.6       | 10.0       |           |        | 9.4        | 10.0       |           | 30.0  |
|          | 32.0 |           | 9.3       | 9.3       |           |            | 9.3        | 9.2       |           |            | 5.4/31.2m | 9.3        | 8.6/33.5m |            | 6.9       | 9.3        |           |        | 8.0        | 9.3        |           | 32.0  |
|          | 34.0 |           | 9.3/32.2m | 8.7       |           |            | 8.8        | 8.6       |           |            | 8.8       | 8.4        |           |            | 5.0       | 8.8        | 8.0/35.2m |        | 6.7        | 8.8        |           | 34.0  |
|          | 36.0 |           |           | 8.1       |           |            | 8.2/35.1m  | 8.0       |           |            | 8.3       | 7.9        |           |            | 4.7/34.2m | 8.3        | 7.7       |        | 5.2        | 8.3        | 7.4/36.9m | 36.0  |
|          | 38.0 |           |           | 7.5       | 6.0/39.1m |            |            | 7.5       |           |            | 7.5       | 7.3        |           |            |           | 7.8        | 7.2       |        | 4.1/37.1m  | 7.8        | 7.0       | 38.0  |
|          | 40.0 |           |           | 7.3/38.8m | 5.7       |            |            | 7.0       | 5.3/41.2m |            | 7.1/38.1m | 6.9        |           |            |           | 7.4        | 6.8       |        |            | 7.5        | 6.7       | 40.0  |
|          | 42.0 |           |           |           | 5.4       |            |            | 6.5/41.7m | 5.2       |            |           | 6.4        | 4.7/43.4m |            |           | 6.2/41.0m  | 6.3       |        |            | 7.1        | 6.3       | 42.0  |
|          | 44.0 |           |           |           | 5.1       |            |            |           | 5.0       |            |           | 6.0        | 4.7       |            |           | 6.0        | 4.3/45.5m |        |            | 5.4        | 5.9       | 44.0  |
| 46.0     |      |           |           | 4.8/44.9m |           |            |            | 4.7       |           |            | 5.9/44.6m | 4.5        |           |            | 5.6       | 4.3        |           |        | 5.5        | 4.0/47.7m  | 46.0      |       |
| 48.0     |      |           |           |           |           |            |            | 4.4/47.8m |           |            |           | 4.3        |           |            | 5.3/47.6m | 4.2        |           |        | 5.2        | 4.0        | 48.0      |       |
| 50.0     |      |           |           |           |           |            |            |           |           |            |           | 4.0        |           |            |           | 3.9        |           |        | 4.9        | 3.8        | 50.0      |       |
| 52.0     |      |           |           |           |           |            |            |           |           |            |           | 3.9/50.8m  |           |            |           | 3.7        |           |        | 4.8/50.5m  | 3.6        | 52.0      |       |
| 54.0     |      |           |           |           |           |            |            |           |           |            |           |            |           |            |           | 3.5/53.7m  |           |        |            | 3.4        | 54.0      |       |
| 56.0     |      |           |           |           |           |            |            |           |           |            |           |            |           |            |           |            |           |        |            | 3.2        | 56.0      |       |
| 58.0     |      |           |           |           |           |            |            |           |           |            |           |            |           |            |           |            |           |        |            | 3.1/56.6m  | 58.0      |       |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ42.5m

【7120-1F】

(単位：t)



| タワー長さm | 42.5      |            |           |           | タワー長さm |
|--------|-----------|------------|-----------|-----------|--------|
| ジブ長さm  | 22.9      |            |           |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | タワー角度  |
| 9.4    | 20.0      |            |           |           | 9.4    |
| 10.0   | 20.0      |            |           |           | 10.0   |
| 12.0   | 20.0      |            |           |           | 12.0   |
| 14.0   | 20.0      |            |           |           | 14.0   |
| 15.0   | 20.0      |            |           |           | 15.0   |
| 16.0   | 18.7      |            |           |           | 16.0   |
| 18.0   | 16.6      |            |           |           | 18.0   |
| 20.0   | 15.0      | 14.6/20.5m |           |           | 20.0   |
| 22.0   | 13.6      | 13.6       |           |           | 22.0   |
| 24.0   | 10.3      | 12.5       |           |           | 24.0   |
| 26.0   | 7.5/25.4m | 11.5       |           |           | 26.0   |
| 28.0   |           | 10.7       |           |           | 28.0   |
| 30.0   |           | 10.0       | 9.5/31.0m |           | 30.0   |
| 32.0   |           | 9.3        | 9.0       |           | 32.0   |
| 34.0   |           | 9.1/32.7m  | 8.4       |           | 34.0   |
| 36.0   |           |            | 7.8       |           | 36.0   |
| 38.0   |           |            | 7.3       |           | 38.0   |
| 40.0   |           |            | 6.8/39.8m | 5.2/40.6m | 40.0   |
| 42.0   |           |            |           | 5.0       | 42.0   |
| 44.0   |           |            |           | 4.7       | 44.0   |
| 46.0   |           |            |           | 4.4       | 46.0   |
| 48.0   |           |            |           | 4.3/46.4m | 48.0   |
| 50.0   |           |            |           |           | 50.0   |
| 52.0   |           |            |           |           | 52.0   |
| 54.0   |           |            |           |           | 54.0   |
| 56.0   |           |            |           |           | 56.0   |
| 58.0   |           |            |           |           | 58.0   |
| 60.0   |           |            |           |           | 60.0   |

(単位：t)

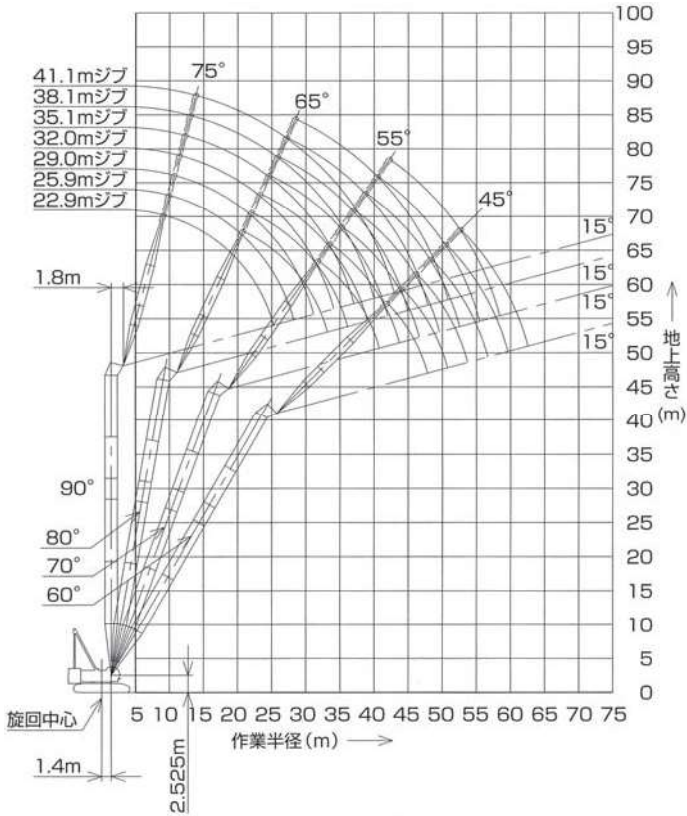
| タワー長さm | 42.5       |            |           |           |            |            |           |     |            |            |           |     |            |            |     |     | タワー長さm     |            |           |           |           |      |
|--------|------------|------------|-----------|-----------|------------|------------|-----------|-----|------------|------------|-----------|-----|------------|------------|-----|-----|------------|------------|-----------|-----------|-----------|------|
| ジブ長さm  | 25.9       |            |           |           | 29.0       |            |           |     | 32.0       |            |           |     | 35.1       |            |     |     | 38.1       |            |           |           | ジブ長さm     |      |
| タワー角度  | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70° | 60° | 90°        | 80°        | 70°       | 60°       | タワー角度     |      |
| 9.4    |            |            |           |           |            |            |           |     |            |            |           |     |            |            |     |     |            |            |           |           | 9.4       |      |
| 10.0   | 20.0/10.2m |            |           |           | 20.0/11.0m |            |           |     | 20.0/11.8m |            |           |     |            |            |     |     |            |            |           |           | 10.0      |      |
| 12.0   | 20.0       |            |           |           | 20.0       |            |           |     | 20.0       |            |           |     | 16.5/12.5m |            |     |     | 13.6/13.3m |            |           |           | 12.0      |      |
| 14.0   | 20.0       |            |           |           | 20.0       |            |           |     | 19.5       |            |           |     | 16.2       |            |     |     | 13.6       |            |           |           | 14.0      |      |
| 15.0   | 20.0       |            |           |           | 20.0       |            |           |     | 19.0       |            |           |     | 16.0       |            |     |     | 13.4       |            |           |           | 15.0      |      |
| 16.0   | 18.7       |            |           |           | 18.7       |            |           |     | 18.5       |            |           |     | 15.7       |            |     |     | 13.1       |            |           |           | 16.0      |      |
| 18.0   | 16.6       |            |           |           | 16.6       |            |           |     | 16.6       |            |           |     | 15.3       |            |     |     | 12.7       |            |           |           | 18.0      |      |
| 20.0   | 15.0       | 13.7/21.8m |           |           | 15.0       |            |           |     | 15.0       |            |           |     | 14.8       |            |     |     | 12.3       |            |           |           | 20.0      |      |
| 22.0   | 13.6       | 13.6       |           |           | 13.6       | 12.9/23.1m |           |     | 13.6       |            |           |     | 13.6       |            |     |     | 11.9       |            |           |           | 22.0      |      |
| 24.0   | 12.5       | 12.5       |           |           | 12.5       | 12.5       |           |     | 12.5       | 12.2/24.4m |           |     | 12.5       | 11.7/25.6m |     |     | 11.6       |            |           |           | 24.0      |      |
| 26.0   | 9.9        | 11.5       |           |           | 11.3       | 11.5       |           |     | 11.5       | 11.5       |           |     | 11.5       | 11.5       |     |     | 11.2       | 11.1/26.9m |           |           | 26.0      |      |
| 28.0   | 7.1        | 10.7       |           |           | 9.3        | 10.7       |           |     | 10.3       | 10.7       |           |     | 10.7       | 10.7       |     |     | 10.5       | 10.7       |           |           | 28.0      |      |
| 30.0   | 6.4/28.3m  | 10.0       |           |           | 7.2        | 10.0       |           |     | 8.7        | 10.0       |           |     | 9.4        | 10.0       |     |     | 9.6        | 10.0       |           |           | 30.0      |      |
| 32.0   |            | 9.3        | 8.7/32.7m |           | 5.5/31.2m  | 9.3        |           |     | 7.0        | 9.3        |           |     | 8.0        | 9.3        |     |     | 8.5        | 9.3        |           |           | 32.0      |      |
| 34.0   |            | 8.8        | 8.2       |           | 8.8        | 8.0/34.5m  |           |     | 5.1        | 8.8        |           |     | 6.7        | 8.8        |     |     | 7.4        | 8.8        |           |           | 34.0      |      |
| 36.0   |            | 8.2/35.7m  | 7.7       |           | 8.3        | 7.5        |           |     | 4.7/34.2m  | 8.3        | 7.4/36.2m |     | 5.3        | 8.3        |     |     | 6.3        | 8.3        |           |           | 36.0      |      |
| 38.0   |            |            | 7.2       |           | 7.8        | 7.1        |           |     | 7.8        | 6.8        |           |     | 4.1/37.1m  | 7.8        | 6.8 |     | 5.1        | 7.8        | 6.3/39.7m |           | 38.0      |      |
| 40.0   |            |            | 6.7       |           | 7.1/38.6m  | 6.6        |           |     | 7.5        | 6.5        |           |     | 7.5        | 6.4        |     |     | 3.7        | 7.5        | 6.1       |           | 40.0      |      |
| 42.0   |            |            | 6.3       | 4.6/42.8m |            | 6.2        |           |     | 6.2/41.5m  | 6.1        |           |     | 7.1        | 6.0        |     |     | 3.5/40.1m  | 7.1        | 5.9       |           | 42.0      |      |
| 44.0   |            |            | 6.1/42.7m | 4.5       |            | 5.8        | 4.2/44.9m |     |            | 5.7        |           |     | 6.1        | 5.6        |     |     |            | 6.7        | 5.5       |           | 44.0      |      |
| 46.0   |            |            |           | 4.3       |            | 5.4/45.7m  | 4.1       |     |            | 5.4        | 3.8/47.1m |     | 5.4/44.5m  | 5.3        |     |     |            | 5.9        | 5.2       |           | 46.0      |      |
| 48.0   |            |            |           | 4.1       |            |            | 3.9       |     |            | 5.0        | 3.7       |     |            | 5.0        | 3.7 |     | 3.4/49.2m  | 4.7/47.4m  | 4.9       |           | 48.0      |      |
| 50.0   |            |            |           | 3.9/49.3m |            |            | 3.7       |     |            | 4.9/48.6m  | 3.6       |     |            | 4.7        | 3.4 |     |            |            | 4.6       | 3.2/51.4m | 50.0      |      |
| 52.0   |            |            |           |           |            |            | 3.5       |     |            |            | 3.4       |     |            | 4.4/51.6m  | 3.3 |     |            | 4.3        | 3.1       |           | 52.0      |      |
| 54.0   |            |            |           |           |            |            | 3.4/52.3m |     |            |            | 3.2       |     |            |            | 3.1 |     |            |            | 4.1       | 3.0       |           | 54.0 |
| 56.0   |            |            |           |           |            |            |           |     |            |            | 3.0/55.2m |     |            |            | 2.9 |     |            | 3.8/54.5m  | 2.8       |           |           | 56.0 |
| 58.0   |            |            |           |           |            |            |           |     |            |            |           |     |            |            | 2.8 |     |            |            |           | 2.6       |           | 58.0 |
| 60.0   |            |            |           |           |            |            |           |     |            |            |           |     |            |            |     |     | 2.7/58.2m  |            |           | 2.5       |           | 60.0 |
| 62.0   |            |            |           |           |            |            |           |     |            |            |           |     |            |            |     |     |            |            |           |           | 2.4/61.1m | 62.0 |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ45.6m

【7120-1F】

(単位：t)



| タワー長さm |           | 45.6       |           |           |            |            |           |           |       | タワー長さm |
|--------|-----------|------------|-----------|-----------|------------|------------|-----------|-----------|-------|--------|
| ジブ長さm  |           | 22.9       |           |           |            | 25.9       |           |           |       | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | タワー角度 |        |
| 9.4    | 20.0      |            |           |           |            |            |           |           | 9.4   |        |
| 10.0   | 20.0      |            |           |           | 20.0/10.2m |            |           |           | 10.0  |        |
| 12.0   | 20.0      |            |           |           | 20.0       |            |           |           | 12.0  |        |
| 14.0   | 20.0      |            |           |           | 20.0       |            |           |           | 14.0  |        |
| 15.0   | 20.0      |            |           |           | 20.0       |            |           |           | 15.0  |        |
| 16.0   | 18.7      |            |           |           | 18.7       |            |           |           | 16.0  |        |
| 18.0   | 16.6      |            |           |           | 16.6       |            |           |           | 18.0  |        |
| 20.0   | 15.0      | 14.2/21.0m |           |           | 15.0       |            |           |           | 20.0  |        |
| 22.0   | 13.6      | 13.6       |           |           | 13.6       | 13.4/22.3m |           |           | 22.0  |        |
| 24.0   | 10.3      | 12.5       |           |           | 12.5       | 12.5       |           |           | 24.0  |        |
| 26.0   | 7.5/25.4m | 11.5       |           |           | 9.9        | 11.5       |           |           | 26.0  |        |
| 28.0   |           | 10.7       |           |           | 7.1        | 10.7       |           |           | 28.0  |        |
| 30.0   |           | 10.0       |           |           | 6.4/28.3m  | 10.0       |           |           | 30.0  |        |
| 32.0   |           | 9.3        | 8.7       |           |            | 9.3        | 8.0/33.8m |           | 32.0  |        |
| 34.0   |           | 9.0/33.2m  | 8.0       |           |            | 8.8        | 7.8       |           | 34.0  |        |
| 36.0   |           |            | 7.5       |           |            | 8.3        | 7.4       |           | 36.0  |        |
| 38.0   |           |            | 7.0       |           |            | 8.2/36.2m  | 6.9       |           | 38.0  |        |
| 40.0   |           |            | 6.5       |           |            |            | 6.4       |           | 40.0  |        |
| 42.0   |           |            | 6.3/40.8m | 4.4/42.1m |            |            | 6.0       |           | 42.0  |        |
| 44.0   |           |            |           | 4.3       |            |            | 5.6/43.8m | 4.0/44.3m | 44.0  |        |
| 46.0   |           |            |           | 4.1       |            |            |           | 3.9       | 46.0  |        |
| 48.0   |           |            |           | 3.9/47.9m |            |            |           | 3.7       | 48.0  |        |
| 50.0   |           |            |           |           |            |            |           | 3.5       | 50.0  |        |
| 52.0   |           |            |           |           |            |            |           | 3.4/50.9m | 52.0  |        |
| 54.0   |           |            |           |           |            |            |           |           | 54.0  |        |
| 56.0   |           |            |           |           |            |            |           |           | 56.0  |        |
| 58.0   |           |            |           |           |            |            |           |           | 58.0  |        |
| 60.0   |           |            |           |           |            |            |           |           | 60.0  |        |

(単位：t)

| タワー長さm |            | 45.6       |           |           |            |            |           |           |            |            |           |           |            |            |           |           |     | タワー長さm    |            |           |           |       |
|--------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|-----|-----------|------------|-----------|-----------|-------|
| ジブ長さm  |            | 29.0       |           |           |            | 32.0       |           |           |            | 35.1       |           |           |            | 38.1       |           |           |     | 41.1      |            |           |           | ジブ長さm |
| タワー角度  | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | 90° | 80°       | 70°        | タワー角度     |           |       |
| 9.4    |            |            |           |           |            |            |           |           |            |            |           |           |            |            |           |           |     |           |            |           | 9.4       |       |
| 10.0   | 20.0/11.0m |            |           |           | 20.0/11.8m |            |           |           |            |            |           |           |            |            |           |           |     |           |            |           | 10.0      |       |
| 12.0   | 20.0       |            |           |           | 20.0       |            |           |           | 16.5/12.5m |            |           |           | 13.6/13.3m |            |           |           |     |           |            |           | 12.0      |       |
| 14.0   | 20.0       |            |           |           | 19.5       |            |           |           | 16.2       |            |           |           | 13.6       |            |           |           |     |           | 10.7/14.1m |           | 14.0      |       |
| 15.0   | 20.0       |            |           |           | 19.0       |            |           |           | 16.0       |            |           |           | 13.3       |            |           |           |     |           | 10.7       |           | 15.0      |       |
| 16.0   | 18.7       |            |           |           | 18.5       |            |           |           | 15.7       |            |           |           | 13.1       |            |           |           |     |           | 10.5       |           | 16.0      |       |
| 18.0   | 16.6       |            |           |           | 16.6       |            |           |           | 15.2       |            |           |           | 12.7       |            |           |           |     |           | 10.2       |           | 18.0      |       |
| 20.0   | 15.0       |            |           |           | 15.0       |            |           |           | 14.8       |            |           |           | 12.3       |            |           |           |     |           | 9.8        |           | 20.0      |       |
| 22.0   | 13.6       | 12.7/23.6m |           |           | 13.6       |            |           |           | 13.6       |            |           |           | 11.9       |            |           |           |     |           | 9.5        |           | 22.0      |       |
| 24.0   | 12.5       | 12.5       |           |           | 12.5       | 12.0/24.9m |           |           | 12.5       |            |           |           | 11.6       |            |           |           |     |           | 9.2        |           | 24.0      |       |
| 26.0   | 11.3       | 11.5       |           |           | 11.5       | 11.5       |           |           | 11.5       | 11.4/26.2m |           |           | 11.1       | 10.9/27.5m |           |           |     | 8.9       |            | 26.0      |           |       |
| 28.0   | 9.3        | 10.7       |           |           | 10.3       | 10.7       |           |           | 10.7       | 10.7       |           |           | 10.5       | 10.7       |           |           |     | 8.6       | 9.8/28.7m  |           | 28.0      |       |
| 30.0   | 7.2        | 10.0       |           |           | 8.7        | 10.0       |           |           | 9.4        | 10.0       |           |           | 9.6        | 10.0       |           |           |     | 8.3       | 9.6        |           | 30.0      |       |
| 32.0   | 5.5/31.2m  | 9.3        |           |           | 7.0        | 9.3        |           |           | 8.1        | 9.3        |           |           | 8.5        | 9.3        |           |           |     | 7.8       | 9.3        |           | 32.0      |       |
| 34.0   |            | 8.8        | 7.4/35.5m |           | 5.2        | 8.8        |           |           | 6.7        | 8.8        |           |           | 7.4        | 8.8        |           |           |     | 7.3       | 8.8        |           | 34.0      |       |
| 36.0   |            | 8.3        | 7.1       |           | 4.8/34.2m  | 8.3        | 6.8/37.3m |           | 5.3        | 8.3        |           |           | 6.3        | 8.3        |           |           |     | 6.8       | 8.3        |           | 36.0      |       |
| 38.0   |            | 7.8        | 6.8       |           |            | 7.8        | 6.5       |           | 4.1/37.1m  | 7.8        | 6.3/39.0m |           | 5.1        | 7.8        |           |           |     | 6.2       | 7.8        |           | 38.0      |       |
| 40.0   |            | 7.1/39.1m  | 6.3       |           |            | 7.5        | 6.2       |           |            | 7.5        | 6.0       |           | 3.8        | 7.5        | 5.7/40.8m |           |     | 5.2       | 7.5        |           | 40.0      |       |
| 42.0   |            |            | 5.9       |           |            | 6.5        | 5.8       |           |            | 7.1        | 5.7       |           | 3.5/40.1m  | 7.1        | 5.4       |           |     | 4.1       | 7.1        | 5.4/42.5m | 42.0      |       |
| 44.0   |            |            | 5.5       |           |            | 6.2/42.1m  | 5.5       |           |            | 6.8        | 5.4       |           |            | 6.7        | 5.2       |           |     | 3.2/43.0m | 6.6        | 5.0       | 44.0      |       |
| 46.0   |            |            | 5.2       | 3.6/46.4m |            |            | 5.1       |           |            | 5.4/45.0m  | 5.1       |           |            | 6.2        | 4.9       |           |     |           | 6.2        | 4.8       | 46.0      |       |
| 48.0   |            |            | 5.0/46.7m | 3.5       |            |            | 4.8       | 3.3/48.8m |            |            | 4.8       |           |            | 4.7        | 4.6       |           |     |           | 5.8        | 4.5       | 48.0      |       |
| 50.0   |            |            |           | 3.4       |            |            | 4.4/49.7m | 3.2       |            |            | 4.5       | 3.0/50.7m |            |            | 4.4       |           |     |           | 5.2        | 4.3       | 50.0      |       |
| 52.0   |            |            |           | 3.2       |            |            |           | 3.1       |            |            | 4.2       | 2.9       |            |            | 4.1       | 2.7/52.9m |     |           | 4.3/50.9m  | 4.0       | 52.0      |       |
| 54.0   |            |            |           | 3.0/53.8m |            |            |           | 2.9       |            |            | 3.9/52.6m | 2.8       |            |            | 3.9       | 2.6       |     |           |            | 3.8       | 54.0      |       |
| 56.0   |            |            |           |           |            |            |           | 2.7       |            |            |           | 2.7       |            |            | 3.4/55.6m | 2.5       |     |           |            | 3.5       | 56.0      |       |
| 58.0   |            |            |           |           |            |            |           |           | 2.6/56.7m  |            |           |           |            |            |           | 2.4       |     |           |            |           | 58.0      |       |
| 60.0   |            |            |           |           |            |            |           |           |            |            |           |           |            |            |           | 2.2       |     |           |            | 3.1/58.5m | 60.0      |       |
| 62.0   |            |            |           |           |            |            |           |           |            |            |           |           |            |            |           | 2.1       |     |           |            |           | 62.0      |       |
| 64.0   |            |            |           |           |            |            |           |           |            |            |           |           |            |            |           |           |     |           |            |           | 2.0/62.6m | 64.0  |

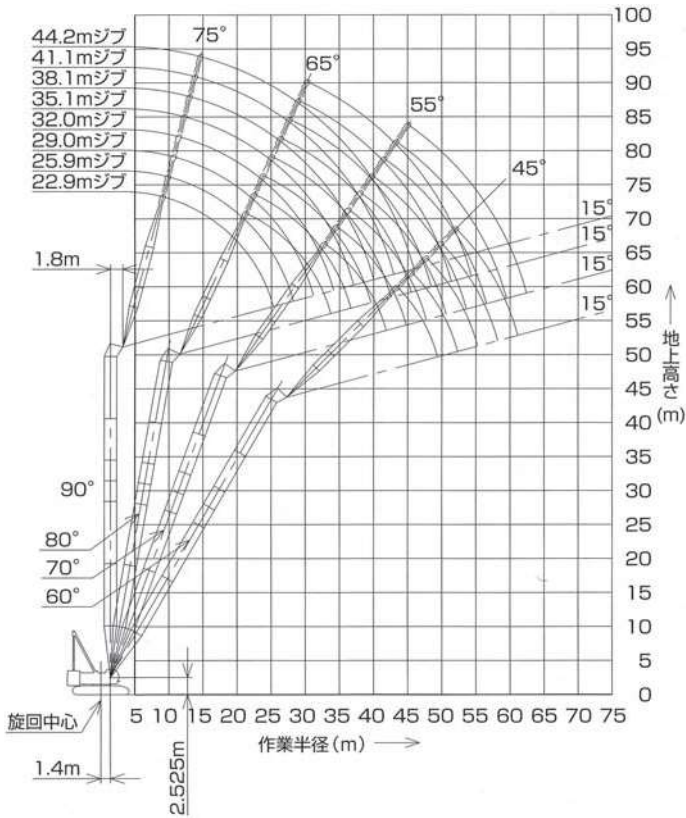
※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。



# ▶ タワー長さ48.6m

[7120-1F]

(単位：t)



| タワー長さm | 48.6      |            |           |           |            |            |           |           | タワー長さm |
|--------|-----------|------------|-----------|-----------|------------|------------|-----------|-----------|--------|
| ジブ長さm  | 22.9      |            |           |           | 25.9       |            |           |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°       | タワー角度  |
| 9.4    | 20.0      |            |           |           |            |            |           |           | 9.4    |
| 10.0   | 20.0      |            |           |           | 20.0/10.2m |            |           |           | 10.0   |
| 12.0   | 20.0      |            |           |           | 20.0       |            |           |           | 12.0   |
| 14.0   | 20.0      |            |           |           | 20.0       |            |           |           | 14.0   |
| 15.0   | 20.0      |            |           |           | 19.8       |            |           |           | 15.0   |
| 16.0   | 18.7      |            |           |           | 18.7       |            |           |           | 16.0   |
| 18.0   | 16.6      |            |           |           | 16.6       |            |           |           | 18.0   |
| 20.0   | 15.0      | 13.9/21.5m |           |           | 15.0       |            |           |           | 20.0   |
| 22.0   | 13.6      | 13.6       |           |           | 13.6       | 13.1/22.8m |           |           | 22.0   |
| 24.0   | 10.4      | 12.5       |           |           | 12.5       | 12.5       |           |           | 24.0   |
| 26.0   | 7.5/25.4m | 11.5       |           |           | 10.0       | 11.5       |           |           | 26.0   |
| 28.0   |           | 10.7       |           |           | 7.1        | 10.7       |           |           | 28.0   |
| 30.0   |           | 10.0       |           |           | 6.4/28.3m  | 10.0       |           |           | 30.0   |
| 32.0   |           | 9.3        | 8.0/33.1m |           |            | 9.3        |           |           | 32.0   |
| 34.0   |           | 8.8/33.8m  | 7.6       |           |            | 8.8        | 7.4/34.8m |           | 34.0   |
| 36.0   |           |            | 7.2       |           |            | 8.3        | 6.9       |           | 36.0   |
| 38.0   |           |            | 6.7       |           |            | 8.1/36.7m  | 6.6       |           | 38.0   |
| 40.0   |           |            | 6.3       |           |            |            | 6.2       |           | 40.0   |
| 42.0   |           |            | 5.8/41.9m | 3.8/43.7m |            |            | 5.8       |           | 42.0   |
| 44.0   |           |            |           | 3.8       |            |            | 5.4       | 3.4/45.8m | 44.0   |
| 46.0   |           |            |           | 3.7       |            |            | 5.2/44.8m | 3.4       | 46.0   |
| 48.0   |           |            |           | 3.4       |            |            |           | 3.3       | 48.0   |
| 50.0   |           |            |           |           | 3.1/49.4m  |            |           | 3.1       | 50.0   |
| 52.0   |           |            |           |           |            |            |           | 2.9       | 52.0   |
| 54.0   |           |            |           |           |            |            |           | 2.8/52.4m | 54.0   |
| 56.0   |           |            |           |           |            |            |           |           | 56.0   |
| 58.0   |           |            |           |           |            |            |           |           | 58.0   |
| 60.0   |           |            |           |           |            |            |           |           | 60.0   |

(単位：t)

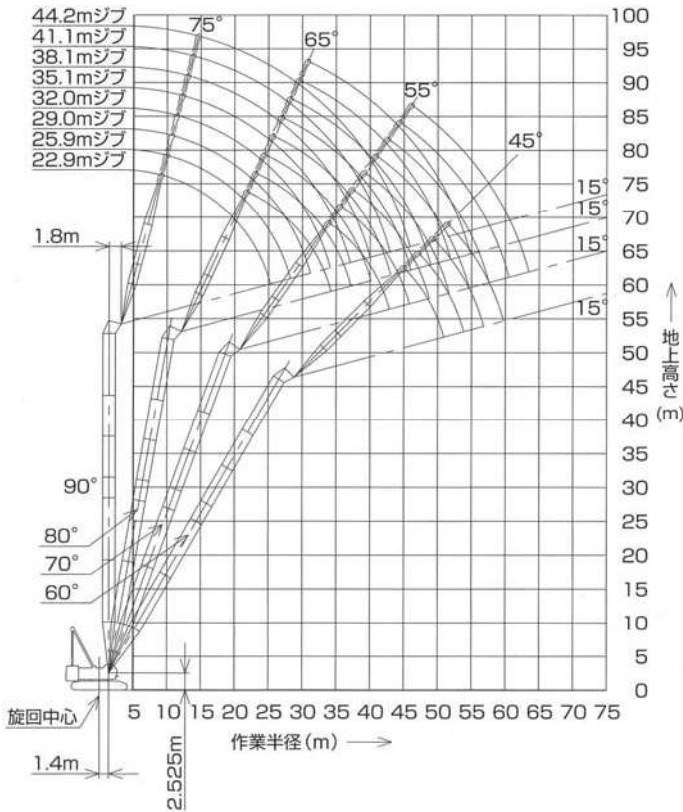
| タワー長さm | 48.6       |            |           |           |            |            |           |     |            |            |     |     |            |      |           |            |           |           | タワー長さm |     |           |           |     |      |       |      |
|--------|------------|------------|-----------|-----------|------------|------------|-----------|-----|------------|------------|-----|-----|------------|------|-----------|------------|-----------|-----------|--------|-----|-----------|-----------|-----|------|-------|------|
| ジブ長さm  | 29.0       |            |           |           | 32.0       |            |           |     | 35.1       |            |     |     | 38.1       |      |           |            | 41.1      |           |        |     | 44.2      |           |     |      | ジブ長さm |      |
| タワー角度  | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70° | 60° | 90°        | 80°  | 70°       | 90°        | 80°       | 70°       | 90°    | 80° | 70°       | 90°       | 80° | 70°  | タワー角度 |      |
| 9.4    |            |            |           |           |            |            |           |     |            |            |     |     |            |      |           |            |           |           |        |     |           |           |     |      | 9.4   |      |
| 10.0   | 20.0/11.0m |            |           |           | 19.9/11.8m |            |           |     |            |            |     |     |            |      |           |            |           |           |        |     |           |           |     |      | 10.0  |      |
| 12.0   | 20.0       |            |           |           | 19.9       |            |           |     | 16.5/12.5m |            |     |     | 13.6/13.3m |      |           |            |           |           |        |     |           |           |     |      | 12.0  |      |
| 14.0   | 19.5       |            |           |           | 18.6       |            |           |     | 16.2       |            |     |     | 13.6       |      |           | 10.7/14.1m |           |           |        |     |           | 9.1/14.9m |     |      | 14.0  |      |
| 15.0   | 18.9       |            |           |           | 18.0       |            |           |     | 15.9       |            |     |     | 13.3       |      |           | 10.7       |           |           |        |     |           | 9.1       |     |      | 15.0  |      |
| 16.0   | 18.3       |            |           |           | 17.5       |            |           |     | 15.7       |            |     |     | 13.1       |      |           | 10.5       |           |           |        |     |           | 8.9       |     |      | 16.0  |      |
| 18.0   | 16.6       |            |           |           | 16.5       |            |           |     | 15.2       |            |     |     | 12.7       |      |           | 10.1       |           |           |        |     |           | 8.6       |     |      | 18.0  |      |
| 20.0   | 15.0       |            |           |           | 15.0       |            |           |     | 14.8       |            |     |     | 12.3       |      |           | 9.8        |           |           |        |     |           | 8.3       |     |      | 20.0  |      |
| 22.0   | 13.6       |            |           |           | 13.6       |            |           |     | 13.6       |            |     |     | 11.9       |      |           | 9.5        |           |           |        |     |           | 8.0       |     |      | 22.0  |      |
| 24.0   | 12.5       | 12.4/24.1m |           |           | 12.5       | 11.8/25.4m |           |     | 12.5       |            |     |     | 11.5       |      |           | 9.2        |           |           |        |     |           | 7.7       |     |      | 24.0  |      |
| 26.0   | 11.4       | 11.5       |           |           | 11.5       | 11.5       |           |     | 11.5       | 11.2/26.7m |     |     | 11.1       |      |           | 8.9        |           |           |        |     |           | 7.4       |     |      | 26.0  |      |
| 28.0   | 9.4        | 10.7       |           |           | 10.3       | 10.7       |           |     | 10.7       | 10.7       |     |     | 10.5       | 10.7 |           | 8.6        | 9.8/29.3m |           |        |     | 7.2       |           |     | 28.0 |       |      |
| 30.0   | 7.3        | 10.0       |           |           | 8.7        | 10.0       |           |     | 9.4        | 10.0       |     |     | 9.6        | 10.0 |           | 8.3        | 9.6       |           |        |     | 6.9       | 8.0/30.6m |     |      | 30.0  |      |
| 32.0   | 5.5/31.2m  | 9.3        |           |           | 7.1        | 9.3        |           |     | 8.1        | 9.3        |     |     | 8.5        | 9.3  |           | 7.8        | 9.2       |           |        |     | 6.7       | 7.8       |     |      | 32.0  |      |
| 34.0   |            | 8.8        |           |           | 5.2        | 8.8        |           |     | 6.7        | 8.8        |     |     | 7.4        | 8.8  |           | 7.3        | 8.8       |           |        |     | 6.4       | 7.6       |     |      | 34.0  |      |
| 36.0   |            | 8.3        | 6.8/36.8m |           | 4.8/34.2m  | 8.3        |           |     | 5.3        | 8.3        |     |     | 6.3        | 8.3  |           | 6.8        | 8.3       |           |        |     | 6.0       | 7.3       |     |      | 36.0  |      |
| 38.0   |            | 7.8        | 6.3       |           | 7.8        | 6.2/38.9m  |           |     | 4.1/37.1m  | 7.8        |     |     | 5.1        | 7.8  |           | 6.2        | 7.8       |           |        |     | 5.6       | 7.1       |     |      | 38.0  |      |
| 40.0   |            | 7.1/39.7m  | 6.0       |           | 7.3        | 5.8        |           |     | 7.5        | 5.7/40.1m  |     |     | 3.8        | 7.5  | 5.2/41.8m | 5.2        | 7.3       |           |        |     | 5.2       | 6.9       |     |      | 40.0  |      |
| 42.0   |            |            | 5.6       |           | 6.7        | 5.5        |           |     | 7.1        | 5.3        |     |     | 3.5/40.1m  | 6.9  | 5.2       | 4.1        | 6.8       | 4.8/43.6m |        |     | 4.8       | 6.7       |     |      | 42.0  |      |
| 44.0   |            |            | 5.3       |           | 6.2/42.6m  | 5.2        |           |     | 6.5        | 5.1        |     |     | 6.5        | 5.0  | 3.2/43.0m | 6.4        | 4.7       | 4.0       | 6.2    |     | 4.4/45.3m |           |     |      | 44.0  |      |
| 46.0   |            |            | 5.0       |           | 4.9        | 4.6        |           |     | 5.4/45.8m  | 4.8        |     |     | 6.0        | 4.7  |           | 5.9        | 4.6       | 2.8       | 5.8    | 4.3 |           |           |     |      | 46.0  |      |
| 48.0   |            |            | 4.5/47.8m | 3.1       |            | 4.6        |           |     | 4.5        | 4.4        |     |     | 5.5        | 4.4  |           | 5.5        | 4.3       |           |        |     | 5.5       | 4.1       |     |      | 48.0  |      |
| 50.0   |            |            |           | 3.0       |            | 4.3        | 2.7/50.1m |     | 4.2        |            |     |     | 4.7/48.5m  | 4.1  |           | 5.1        | 4.0       |           |        |     | 5.1       | 3.9       |     |      | 50.0  |      |
| 52.0   |            |            |           | 2.8       |            | 4.0/50.7m  | 2.6       |     | 4.0        | 2.4/52.3m  |     |     | 3.8        |      | 4.3/51.4m | 3.7        |           |           |        |     | 4.7       | 3.6       |     |      | 52.0  |      |
| 54.0   |            |            |           | 2.6       |            |            | 2.5       |     | 3.5/53.7m  | 2.3        |     |     | 3.6        |      |           | 3.5        |           |           |        |     | 4.3       | 3.4       |     |      | 54.0  |      |
| 56.0   |            |            |           | 2.4/55.3m |            |            | 2.4       |     | 2.2        |            |     |     | 3.4        |      |           | 3.3        |           |           |        |     | 3.8/54.4m | 3.1       |     |      | 56.0  |      |
| 58.0   |            |            |           |           |            |            | 2.2       |     | 2.1        |            |     |     | 3.3/56.6m  |      |           | 3.0        |           |           |        |     | 2.9       |           |     |      | 58.0  |      |
| 60.0   |            |            |           |           |            |            | 2.1/58.3m |     | 2.0        |            |     |     |            |      |           | 2.8/59.8m  |           |           |        |     | 2.7       |           |     |      | 60.0  |      |
| 62.0   |            |            |           |           |            |            |           |     |            |            |     |     |            |      |           |            |           |           |        |     | 2.5       |           |     |      | 62.0  |      |
| 64.0   |            |            |           |           |            |            |           |     |            |            |     |     |            |      |           |            |           |           |        |     |           | 2.4/62.5m |     |      |       | 64.0 |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ51.7m

【7120-1F】

(単位:t)



| タワー長さm  |      | 51.7      |            |           |           |            |            |           |      | タワー長さm |
|---------|------|-----------|------------|-----------|-----------|------------|------------|-----------|------|--------|
| ジブ長さm   |      | 22.9      |            |           |           | 25.9       |            |           |      | ジブ長さm  |
| タワー角度   |      | 90°       | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60°  | タワー角度  |
| 作業半径(m) | 9.4  | 20.0      |            |           |           |            |            |           |      | 9.4    |
|         | 10.0 | 20.0      |            |           |           | 20.0/10.2m |            |           |      | 10.0   |
|         | 12.0 | 20.0      |            |           |           | 20.0       |            |           |      | 12.0   |
|         | 14.0 | 20.0      |            |           |           | 19.2       |            |           |      | 14.0   |
|         | 15.0 | 20.0      |            |           |           | 18.6       |            |           |      | 15.0   |
|         | 16.0 | 18.7      |            |           |           | 18.1       |            |           |      | 16.0   |
|         | 18.0 | 16.6      |            |           |           | 16.6       |            |           |      | 18.0   |
|         | 20.0 | 15.0      |            |           |           | 15.0       |            |           |      | 20.0   |
|         | 22.0 | 13.6      | 13.5/22.1m |           |           | 13.6       | 12.8/23.4m |           |      | 22.0   |
|         | 24.0 | 10.4      | 12.5       |           |           | 12.5       | 12.5       |           |      | 24.0   |
|         | 26.0 | 7.6/25.4m | 11.5       |           |           | 10.0       | 11.5       |           |      | 26.0   |
|         | 28.0 |           | 10.7       |           |           | 7.2        | 10.7       |           |      | 28.0   |
|         | 30.0 |           | 10.0       |           |           | 28.3m/6.5  | 10.0       |           |      | 30.0   |
|         | 32.0 |           | 9.3        |           |           |            | 9.3        |           |      | 32.0   |
|         | 34.0 |           | 8.8        | 7.3/34.1m |           |            | 8.8        | 6.6/35.9m |      | 34.0   |
|         | 36.0 |           | 8.7/34.3m  | 6.7       |           |            | 8.3        | 6.5       |      | 36.0   |
|         | 38.0 |           |            | 6.3       |           |            | 8.2/37.3m  | 6.2       |      | 38.0   |
|         | 40.0 |           |            | 5.9       |           |            |            | 5.8       |      | 40.0   |
|         | 42.0 |           |            | 5.5       |           |            |            | 5.4       |      | 42.0   |
|         | 44.0 |           |            | 5.2/42.9m | 3.3/45.2m |            |            | 5.1       |      | 44.0   |
| 46.0    |      |           |            | 3.2       |           |            | 4.8/45.9m  | 3.0/47.3m | 46.0 |        |
| 48.0    |      |           |            | 3.1       |           |            |            | 2.9       | 48.0 |        |
| 50.0    |      |           |            | 2.9       |           |            |            | 2.8       | 50.0 |        |
| 52.0    |      |           |            |           | 2.8/51.0m |            |            | 2.6       | 52.0 |        |
| 54.0    |      |           |            |           |           |            |            | 2.4/53.9m | 54.0 |        |
| 56.0    |      |           |            |           |           |            |            |           | 56.0 |        |
| 58.0    |      |           |            |           |           |            |            |           | 58.0 |        |

(単位:t)

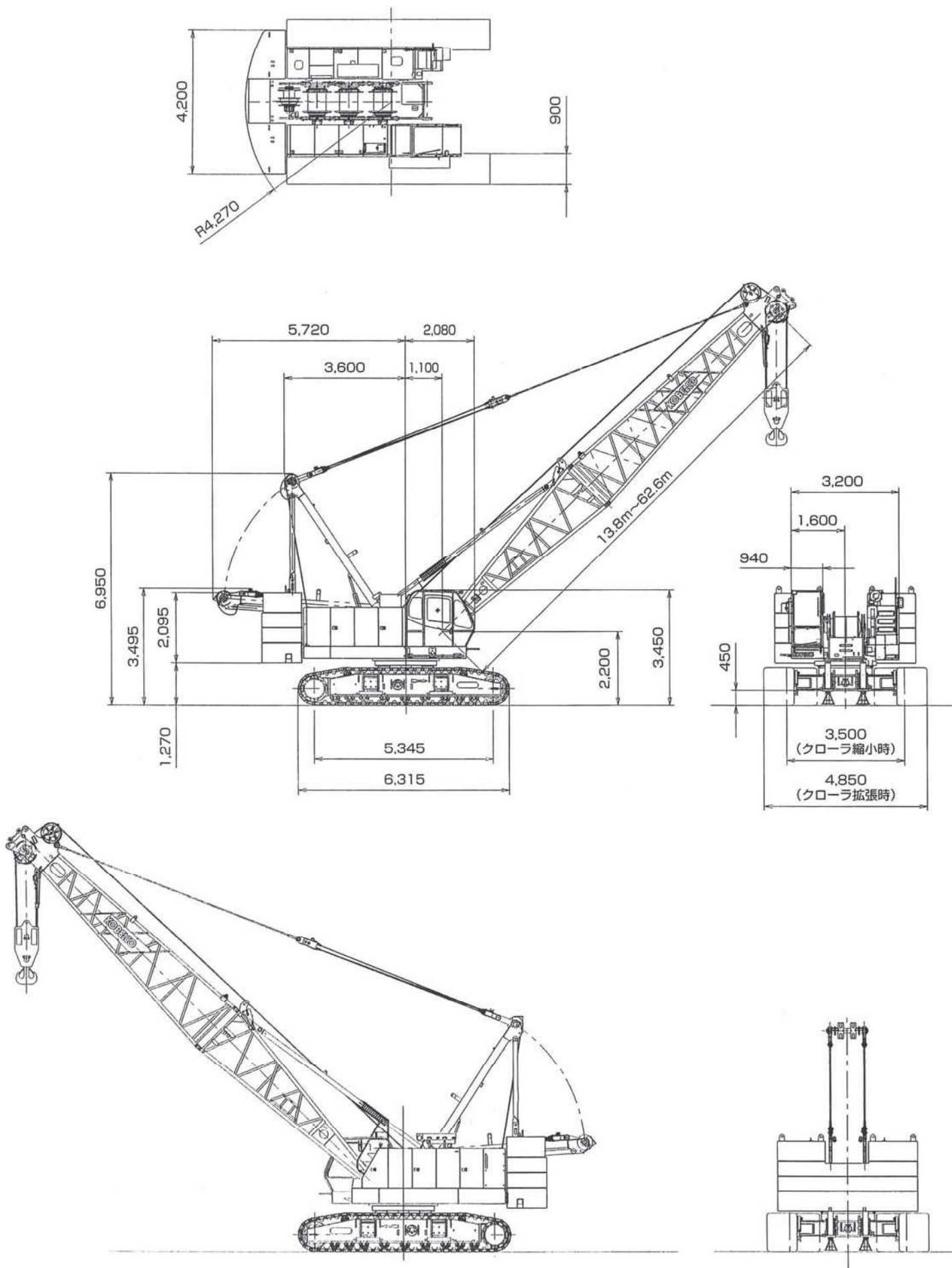
| タワー長さm  |      | 51.7       |            |           |           |            |            |           |     |            |            |           |            |            |            |           | タワー長さm |           |           |           |     |       |
|---------|------|------------|------------|-----------|-----------|------------|------------|-----------|-----|------------|------------|-----------|------------|------------|------------|-----------|--------|-----------|-----------|-----------|-----|-------|
| ジブ長さm   |      | 29.0       |            |           |           | 32.0       |            |           |     | 35.1       |            |           | 38.1       |            |            | 41.1      |        |           | 44.2      |           |     | ジブ長さm |
| タワー角度   |      | 90°        | 80°        | 70°       | 60°       | 90°        | 80°        | 70°       | 60° | 90°        | 80°        | 70°       | 90°        | 80°        | 70°        | 90°       | 80°    | 70°       | 90°       | 80°       | 70° | タワー角度 |
| 作業半径(m) | 9.4  |            |            |           |           |            |            |           |     |            |            |           |            |            |            |           |        |           |           |           |     | 9.4   |
|         | 10.0 | 20.0/11.0m |            |           |           | 18.6/11.8m |            |           |     |            |            |           |            |            |            |           |        |           |           |           |     | 10.0  |
|         | 12.0 | 19.4       |            |           |           | 18.6       |            |           |     | 16.5/12.5m |            |           | 13.6/13.3m |            |            |           |        |           |           |           |     | 12.0  |
|         | 14.0 | 18.2       |            |           |           | 17.4       |            |           |     | 16.2       |            |           | 13.6       |            | 10.7/14.1m |           |        | 9.1/14.9m |           |           |     | 14.0  |
|         | 15.0 | 17.7       |            |           |           | 16.8       |            |           |     | 15.9       |            |           | 13.3       |            | 10.7       |           |        | 9.1       |           |           |     | 15.0  |
|         | 16.0 | 17.2       |            |           |           | 16.4       |            |           |     | 15.6       |            |           | 13.1       |            | 10.5       |           |        | 8.9       |           |           |     | 16.0  |
|         | 18.0 | 16.3       |            |           |           | 15.5       |            |           |     | 14.7       |            |           | 12.6       |            | 10.1       |           |        | 8.6       |           |           |     | 18.0  |
|         | 20.0 | 15.0       |            |           |           | 14.7       |            |           |     | 14.0       |            |           | 12.2       |            | 9.8        |           |        | 8.3       |           |           |     | 20.0  |
|         | 22.0 | 13.6       |            |           |           | 13.6       |            |           |     | 13.4       |            |           | 11.9       |            | 9.5        |           |        | 8.0       |           |           |     | 22.0  |
|         | 24.0 | 12.5       | 12.1/24.7m |           |           | 12.5       | 11.5/25.9m |           |     | 12.5       |            |           | 11.5       |            | 9.1        |           |        | 7.7       |           |           |     | 24.0  |
|         | 26.0 | 11.4       | 11.5       |           |           | 11.5       | 11.5       |           |     | 11.5       | 10.7/27.2m |           | 11.1       |            | 8.9        |           |        | 7.4       |           |           |     | 26.0  |
|         | 28.0 | 9.4        | 10.7       |           |           | 10.3       | 10.7       |           |     | 10.7       | 10.3       |           | 10.4       | 10.0/28.5m | 8.6        | 8.5/29.9m |        | 7.1       |           |           |     | 28.0  |
|         | 30.0 | 7.3        | 10.0       |           |           | 8.7        | 10.0       |           |     | 9.4        | 9.9        |           | 9.6        | 9.1        | 8.3        | 8.5       |        | 6.9       | 8.0/31.1m |           |     | 30.0  |
|         | 32.0 | 5.5/31.2m  | 9.3        |           |           | 7.1        | 9.3        |           |     | 8.1        | 9.3        |           | 8.5        | 8.8        | 7.8        | 8.2       |        | 6.7       | 7.6       |           |     | 32.0  |
|         | 34.0 |            | 8.8        |           |           | 5.2        | 8.8        |           |     | 6.8        | 8.8        |           | 7.4        | 8.5        | 7.3        | 7.9       |        | 6.4       | 7.3       |           |     | 34.0  |
|         | 36.0 |            | 8.3        | 6.0/37.8m |           | 4.9/34.2m  | 8.3        |           |     | 5.3        | 8.3        |           | 6.3        | 8.2        | 6.8        | 7.6       |        | 6.0       | 7.1       |           |     | 36.0  |
|         | 38.0 |            | 7.6        | 5.9       |           |            | 7.8        | 5.4/39.4m |     | 4.2/37.1m  | 7.8        |           | 5.2        | 7.7        | 6.3        | 7.4       |        | 5.6       | 6.8       |           |     | 38.0  |
|         | 40.0 |            | 6.9        | 5.7       |           |            | 7.4        | 5.4       |     |            | 7.3        | 4.9/41.1m | 3.8        | 7.1        |            | 5.2       | 7.0    |           | 5.2       | 6.6       |     | 40.0  |
|         | 42.0 |            | 6.9/40.2m  | 5.3       |           |            | 6.8        | 5.2       |     |            | 6.8        | 4.9       | 3.5/40.1m  | 6.6        | 4.4/42.9m  | 4.1       | 6.5    |           | 4.8       | 6.4       |     | 42.0  |
|         | 44.0 |            |            | 5.0       |           |            | 6.2/43.1m  | 4.9       |     |            | 6.3        | 4.8       |            | 6.2        | 4.4        | 3.2/43.0m | 6.1    | 4.2/44.6m | 4.0       | 5.9       |     | 44.0  |
| 46.0    |      |            | 4.7        |           |           |            | 4.6        |           |     | 5.7        | 4.5        |           | 5.7        | 4.3        |            | 5.7       | 4.0    | 2.8       | 5.5       | 3.8/46.4m |     | 46.0  |
| 48.0    |      |            | 4.4        | 2.8/49.5m |           |            | 4.3        |           |     | 5.4/46.1m  | 4.2        |           | 5.3        | 4.0        |            | 5.3       | 3.8    |           | 5.2       | 3.6       |     | 48.0  |
| 50.0    |      |            | 4.2/48.8m  | 2.6       |           |            | 4.0        | 2.2/51.8m |     |            | 3.9        |           | 4.7/49.0m  | 3.7        |            | 4.9       | 3.6    |           | 4.8       | 3.4       |     | 50.0  |
| 52.0    |      |            |            | 2.5       |           |            | 3.7/51.8m  | 2.2       |     |            | 3.6        |           |            | 3.5        |            | 4.3       | 3.3    |           | 4.5       | 3.2       |     | 52.0  |
| 54.0    |      |            |            | 2.3       |           |            |            | 2.1       |     |            | 3.4        |           |            | 3.2        |            |           | 3.1    |           | 4.2       | 3.0       |     | 54.0  |
| 56.0    |      |            |            | 2.1       |           |            |            | 2.0       |     |            | 3.3/54.7m  |           |            | 3.0        |            |           | 2.9    |           | 3.8/54.9m | 2.8       |     | 56.0  |
| 58.0    |      |            |            |           | 2.0/56.8m |            |            |           |     |            |            |           |            | 2.8/57.6m  |            |           |        | 2.7       |           | 2.6       |     | 58.0  |
| 60.0    |      |            |            |           |           |            |            |           |     |            |            |           |            |            |            |           |        | 2.5       |           | 2.4       |     | 60.0  |
| 62.0    |      |            |            |           |           |            |            |           |     |            |            |           |            |            |            |           |        | 2.4/60.6m |           | 2.2       |     | 62.0  |
| 64.0    |      |            |            |           |           |            |            |           |     |            |            |           |            |            |            |           |        |           |           | 2.0/63.5m |     | 64.0  |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# 90t クローラクレーン 【7090-1F】

▣ 全体図(単位 : mm)

縮尺 : 約1/150



# ▶ ブーム構成

【7090-1F】

- →印は、ジブ使用時のガイドライン取付位置を示します。
- ※印は、これより短いブームの組立可能な構成を示します。
- 使用するガイドラインの径はφ34mmです。
- ジブ付の場合は9.1mラグ付中間ブーム（9.1A）が必要です。また、ジブなしの場合は、図中の9.1Aは9.1の使用も可能です。
- 9.1Bはタワー用ですがクレーンにも転用できます。

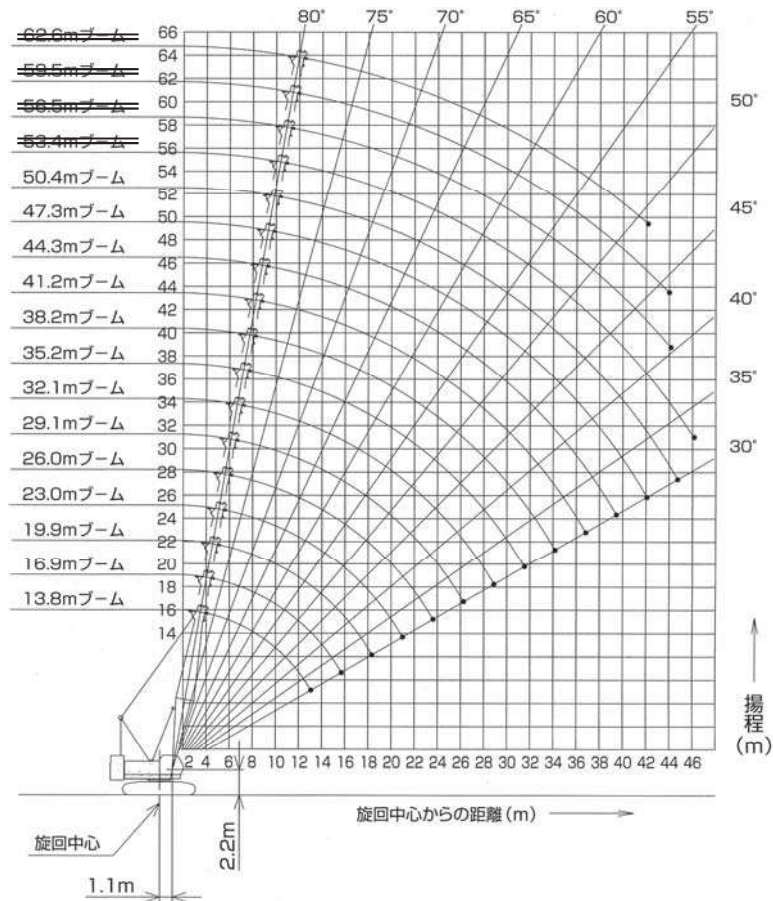
| 中間ブームの種類 |       |                      |
|----------|-------|----------------------|
| 記号       | ブーム長さ | 備考                   |
| 3.0      | 3.0m  | ラグ無                  |
| 6.1      | 6.1m  | ラグ無                  |
| 9.1      | 9.1m  | ラグ無                  |
| 9.1A     | 9.1m  | ラグ付                  |
| 9.1B     | 9.1m  | タワー専用<br>(クレーンに兼用可能) |

| ブーム長さ<br>m<br>(ft.) | ブーム構成 |
|---------------------|-------|
| 13.8<br>(45)        |       |
| 16.9<br>(55)        |       |
| 19.9<br>(65)        | ※     |
|                     |       |
| 23.0<br>(75)        | ※     |
|                     |       |
| 26.0<br>(85)        | ※     |
|                     |       |
| 29.1<br>(95)        | ※     |
|                     |       |
| 32.1<br>(105)       | ※     |
|                     |       |
|                     |       |
| 35.2<br>(115)       | ※     |
|                     |       |
|                     |       |
|                     |       |
| 38.2<br>(125)       | ※     |
|                     | ※     |
|                     |       |
|                     |       |

| ブーム長さ<br>m<br>(ft.) | ブーム構成 |
|---------------------|-------|
| 41.2<br>(135)       | ※     |
|                     | ※     |
|                     |       |
| 44.3<br>(145)       | ※     |
|                     | ※     |
|                     |       |
|                     |       |
| 47.3<br>(155)       | ※     |
|                     | ※     |
|                     |       |
|                     |       |
| 50.4<br>(165)       | ※     |
|                     | ※     |
|                     |       |
|                     |       |

▶ 作動範囲図

■ 主ブーム



▶ 主ブーム定格総荷重表

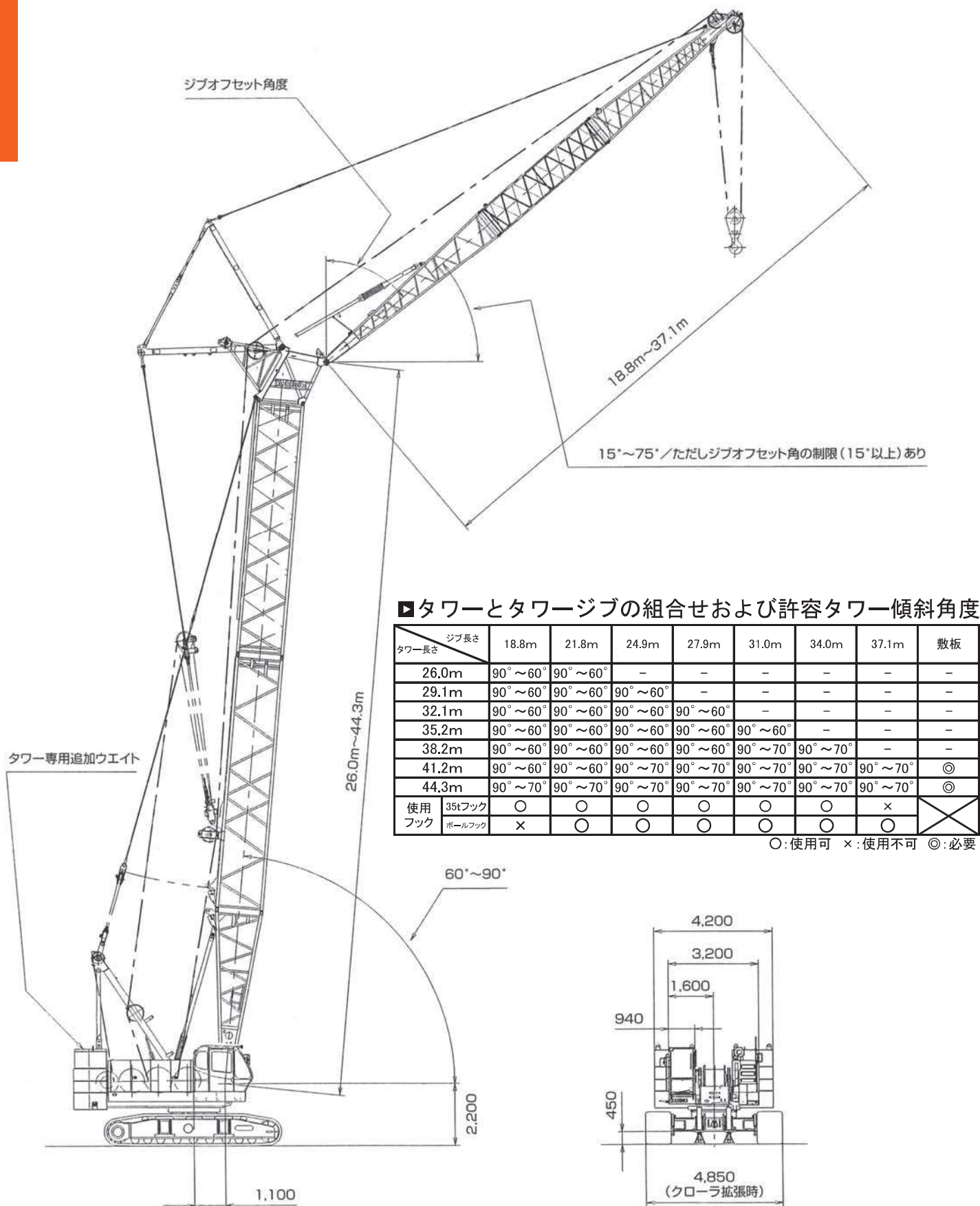
(単位：t)

| ブーム長さ<br>作業半径 (m) | 13.8       | 16.9       | 19.9       | 23.0      | 26.0      | 29.1      | 32.1      | 35.2      | 38.2      | 41.2      | 44.3      | 47.3      | 50.4       | ブーム長さ<br>作業半径 (m) |
|-------------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-------------------|
| 4.3               | 90.0/4.3m  | 87.5/4.3m  | 74.1/4.8m  |           |           |           |           |           |           |           |           |           |            | 4.3               |
| 5.0               | 70.9       | 70.8       | 70.7       | 64.9/5.4m | 56.4/5.9m |           |           |           |           |           |           |           |            | 5.0               |
| 6.0               | 55.1       | 55.0       | 55.0       | 54.9      | 54.8      | 50.2/6.4m |           |           |           |           |           |           |            | 6.0               |
| 7.0               | 44.4       | 44.3       | 44.1       | 44.1      | 44.0      | 44.0      | 43.9      | 39.6/7.5m |           |           |           |           |            | 7.0               |
| 8.0               | 36.6       | 36.5       | 36.3       | 36.2      | 36.1      | 36.1      | 36.0      | 35.9      | 35.7      | 32.5/8.5m |           |           |            | 8.0               |
| 9.0               | 31.0       | 30.9       | 30.7       | 30.7      | 30.5      | 30.5      | 30.4      | 30.3      | 30.2      | 30.2      | 29.7/9.1m | 27.2/9.6m |            | 9.0               |
| 10.0              | 26.9       | 26.7       | 26.6       | 26.5      | 26.4      | 26.3      | 26.3      | 26.1      | 26.0      | 26.0      | 25.8      | 25.7      | 22.0/10.1m | 10.0              |
| 12.0              | 21.1       | 21.0       | 20.8       | 20.7      | 20.6      | 20.5      | 20.4      | 20.3      | 20.2      | 20.1      | 20.0      | 19.8      | 19.8       | 12.0              |
| 14.0              | 18.7/13.2m | 17.1       | 16.9       | 16.9      | 16.7      | 16.6      | 16.6      | 16.4      | 16.3      | 16.2      | 16.1      | 16.0      | 15.9       | 14.0              |
| 16.0              |            | 14.6/15.8m | 14.2       | 14.1      | 14.0      | 13.9      | 13.8      | 13.7      | 13.5      | 13.5      | 13.3      | 13.2      | 13.2       | 16.0              |
| 18.0              |            |            | 12.2       | 12.1      | 11.9      | 11.9      | 11.8      | 11.6      | 11.5      | 11.4      | 11.2      | 11.1      | 11.1       | 18.0              |
| 20.0              |            |            | 11.8/18.5m | 10.5      | 10.4      | 10.3      | 10.2      | 10.0      | 9.9       | 9.8       | 9.6       | 9.5       | 9.5        | 20.0              |
| 22.0              |            |            |            | 9.8/21.1m | 9.1       | 9.0       | 8.9       | 8.7       | 8.6       | 8.5       | 8.4       | 8.2       | 8.2        | 22.0              |
| 24.0              |            |            |            |           | 8.2/23.8m | 8.0       | 7.9       | 7.7       | 7.6       | 7.5       | 7.3       | 7.2       | 7.1        | 24.0              |
| 26.0              |            |            |            |           |           | 7.2       | 7.0       | 6.8       | 6.7       | 6.6       | 6.5       | 6.3       | 6.3        | 26.0              |
| 28.0              |            |            |            |           |           | 7.0/26.4m | 6.3       | 6.1       | 6.0       | 5.9       | 5.7       | 5.6       | 5.5        | 28.0              |
| 30.0              |            |            |            |           |           |           | 6.0/29.0m | 5.5       | 5.4       | 5.3       | 5.1       | 5.0       | 4.9        | 30.0              |
| 32.0              |            |            |            |           |           |           |           | 5.1/31.7m | 4.8       | 4.8       | 4.6       | 4.4       | 4.4        | 32.0              |
| 34.0              |            |            |            |           |           |           |           |           | 4.4       | 4.3       | 4.1       | 4.0       | 3.9        | 34.0              |
| 36.0              |            |            |            |           |           |           |           |           | 4.3/34.3m | 3.9       | 3.7       | 3.5       | 3.5        | 36.0              |
| 38.0              |            |            |            |           |           |           |           |           |           | 3.7/37.0m | 3.3       | 3.2       | 3.1        | 38.0              |
| 40.0              |            |            |            |           |           |           |           |           |           |           | 3.1/39.6m | 2.9       | 2.8        | 40.0              |
| 42.0              |            |            |            |           |           |           |           |           |           |           |           | 2.5       | 2.4        | 42.0              |
| 44.0              |            |            |            |           |           |           |           |           |           |           |           | 2.5/42.2m | 2.1        | 44.0              |
| 46.0              |            |            |            |           |           |           |           |           |           |           |           |           | 2.0/44.9m  | 46.0              |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# 【7090-1F】(ラフティングタワー)

## 全体図(単位：mm)



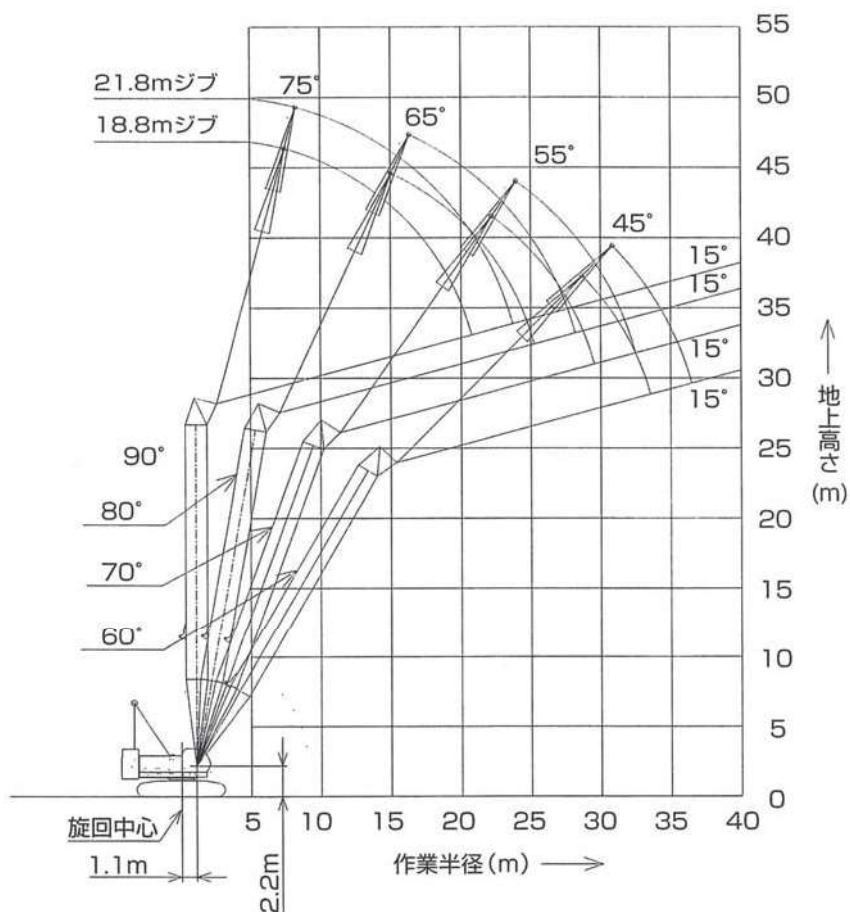
■タワーとタワージブの組合せおよび許容タワー傾斜角度

| タワー長さ \ ジブ長さ | 18.8m   | 21.8m   | 24.9m   | 27.9m   | 31.0m   | 34.0m   | 37.1m   | 敷板 |   |
|--------------|---------|---------|---------|---------|---------|---------|---------|----|---|
| 26.0m        | 90°~60° | 90°~60° | -       | -       | -       | -       | -       | -  |   |
| 29.1m        | 90°~60° | 90°~60° | 90°~60° | -       | -       | -       | -       | -  |   |
| 32.1m        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | -       | -       | -       | -  |   |
| 35.2m        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~60° | -       | -       | -  |   |
| 38.2m        | 90°~60° | 90°~60° | 90°~60° | 90°~60° | 90°~70° | 90°~70° | -       | -  |   |
| 41.2m        | 90°~60° | 90°~60° | 90°~70° | 90°~70° | 90°~70° | 90°~70° | 90°~70° | ◎  |   |
| 44.3m        | 90°~70° | 90°~70° | 90°~70° | 90°~70° | 90°~70° | 90°~70° | 90°~70° | ◎  |   |
| 使用<br>フック    | 35tフック  | ○       | ○       | ○       | ○       | ○       | ○       | ×  | ⊗ |
|              | ボールフック  | ×       | ○       | ○       | ○       | ○       | ○       | ○  |   |

○:使用可 ×:使用不可 ◎:必要

# ▶ タワー長さ26.0m

【7090-1F】



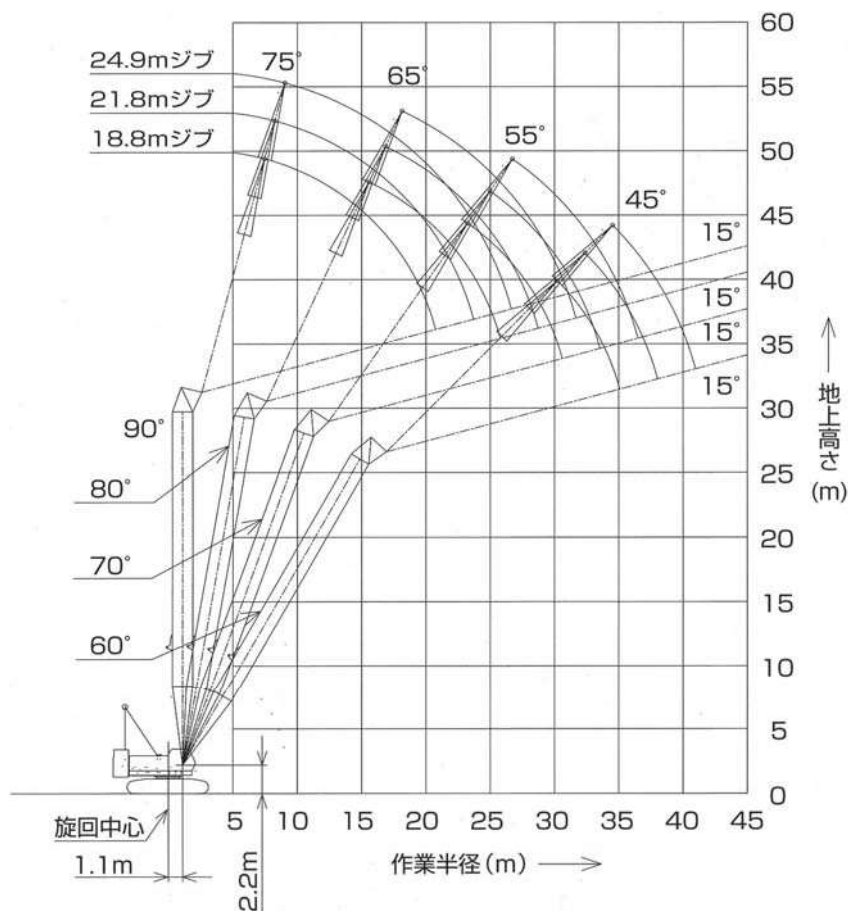
(単位:t)

| タワー長さm   | 26.0 |           |            |           |           |            |           |           | タワー長さm |
|----------|------|-----------|------------|-----------|-----------|------------|-----------|-----------|--------|
| ジブ長さm    | 18.8 |           |            |           | 21.8      |            |           |           | ジブ長さm  |
| タワー角度    | 90°  | 80°       | 70°        | 60°       | 90°       | 80°        | 70°       | 60°       | タワー角度  |
| 作業半径 (m) | 7.7  | 15.0      |            |           |           |            |           |           | 7.7    |
|          | 8.0  | 15.0      |            |           | 15.0/8.5m |            |           |           | 8.0    |
|          | 9.0  | 15.0      |            |           | 15.0      |            |           |           | 9.0    |
|          | 10.0 | 15.0      |            |           | 15.0      |            |           |           | 10.0   |
|          | 12.0 | 15.0      |            |           | 15.0      |            |           |           | 12.0   |
|          | 14.0 | 15.0      | 15.0/15.2m |           | 15.0      |            |           |           | 14.0   |
|          | 16.0 | 13.7      | 14.9       |           | 13.7      | 14.2/16.5m |           |           | 16.0   |
|          | 18.0 | 11.9      | 12.9       |           | 11.8      | 12.8       |           |           | 18.0   |
|          | 20.0 | 10.6      | 11.4       |           | 10.4      | 11.2       |           |           | 20.0   |
|          | 22.0 | 9.3/20.5m | 10.1       | 8.8/22.3m | 9.2       | 10.0       |           |           | 22.0   |
|          | 24.0 |           | 9.1        | 8.0       | 7.8/23.4m | 9.0        | 7.9       |           | 24.0   |
|          | 26.0 |           | 8.5/24.9m  | 7.4       |           | 8.1        | 7.2       |           | 26.0   |
|          | 28.0 |           |            | 6.7       | 5.6/28.7m | 7.4/27.9m  | 6.6       |           | 28.0   |
|          | 30.0 |           |            | 6.2/29.3m | 5.4       |            | 6.1       | 5.0/30.8m | 30.0   |
|          | 32.0 |           |            |           | 5.0       |            | 5.6       | 4.8       | 32.0   |
| 34.0     |      |           |            | 4.7/33.3m |           | 5.5/32.2m  | 4.5       | 34.0      |        |
| 36.0     |      |           |            |           |           |            | 4.2       | 36.0      |        |
| 38.0     |      |           |            |           |           |            | 4.1/36.2m | 38.0      |        |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ29.1m

【7090-1F】



(単位：t)

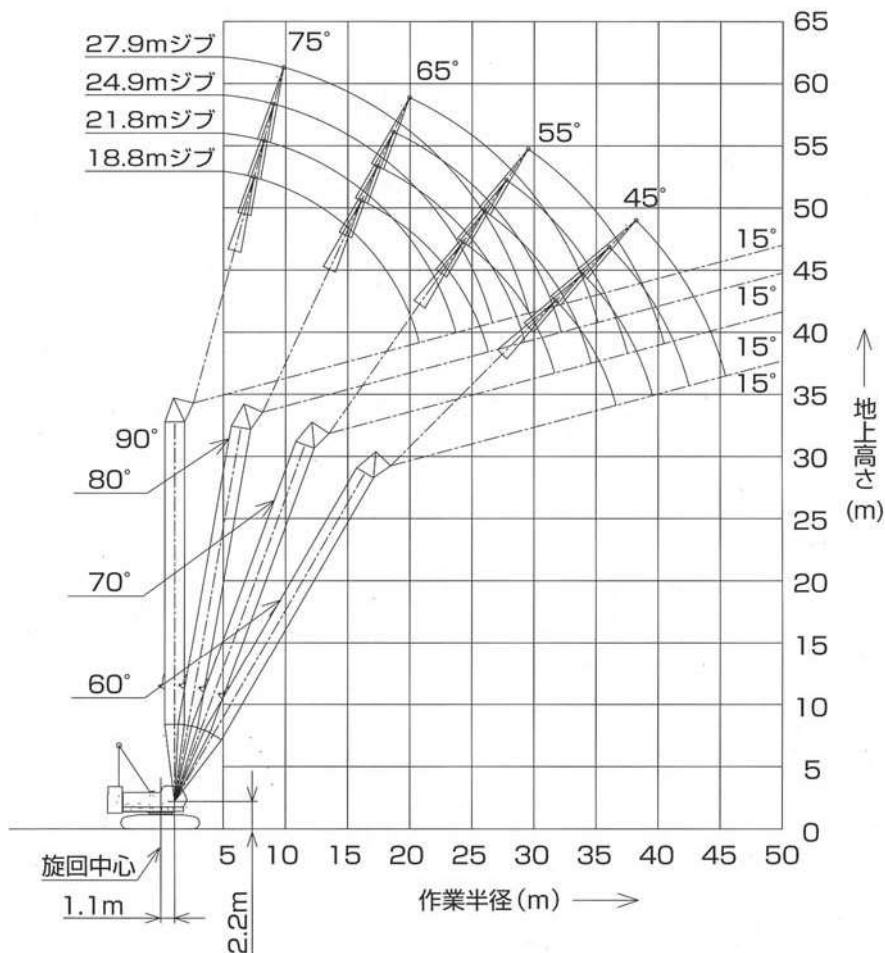
| タワー長さm   | 29.1 |           |            |           |           |            |           |           |           |            |           |           | タワー長さm |
|----------|------|-----------|------------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|--------|
| ジブ長さm    | 18.8 |           |            |           | 21.8      |            |           |           | 24.9      |            |           |           | ジブ長さm  |
| タワー角度    | 90°  | 80°       | 70°        | 60°       | 90°       | 80°        | 70°       | 60°       | 90°       | 80°        | 70°       | 60°       | タワー角度  |
| 作業半径 (m) | 7.7  | 15.0      |            |           |           |            |           |           |           |            |           |           | 7.7    |
|          | 8.0  | 15.0      |            |           | 15.0/8.5m |            |           |           |           |            |           |           | 8.0    |
|          | 9.0  | 15.0      |            |           | 15.0      |            |           |           | 15.0/9.3m |            |           |           | 9.0    |
|          | 10.0 | 15.0      |            |           | 15.0      |            |           |           | 15.0      |            |           |           | 10.0   |
|          | 12.0 | 15.0      |            |           | 15.0      |            |           |           | 15.0      |            |           |           | 12.0   |
|          | 14.0 | 15.0      | 14.9/15.7m |           | 15.0      |            |           |           | 15.0      |            |           |           | 14.0   |
|          | 16.0 | 13.7      | 14.7       |           | 13.7      | 13.4/17.0m |           |           | 13.6      |            |           |           | 16.0   |
|          | 18.0 | 11.9      | 12.7       |           | 11.8      | 12.6       |           |           | 11.8      | 12.1/18.3m |           |           | 18.0   |
|          | 20.0 | 10.4      | 11.2       |           | 10.4      | 11.0       |           |           | 10.3      | 10.9       |           |           | 20.0   |
|          | 22.0 | 9.4/20.5m | 9.9        | 7.9/23.3m | 9.2       | 9.8        |           |           | 9.2       | 9.8        |           |           | 22.0   |
|          | 24.0 |           | 8.9        | 7.7       | 8.0/23.4m | 8.8        | 7.1/25.0m |           | 8.3       | 8.8        |           |           | 24.0   |
|          | 26.0 |           | 8.1/25.5m  | 7.1       |           | 8.0        | 6.8       |           | 7.5       | 8.0        | 6.4/26.8m |           | 26.0   |
|          | 28.0 |           |            | 6.4       |           | 7.3        | 6.3       |           | 6.9/26.3m | 7.3        | 6.1       |           | 28.0   |
|          | 30.0 |           |            | 5.9       | 4.9/30.2m | 7.0/28.4m  | 5.8       |           |           | 6.7        | 5.7       |           | 30.0   |
|          | 32.0 |           |            | 5.7/30.3m | 4.6       |            | 5.3       | 4.3/32.3m |           | 6.1/31.4m  | 5.3       |           | 32.0   |
|          | 34.0 |           |            |           | 4.3       |            | 5.0/33.2m | 4.1       |           |            | 4.9       | 3.9/34.5m | 34.0   |
|          | 36.0 |           |            |           | 4.1/34.8m |            |           | 3.9       |           |            | 4.5       | 3.7       | 36.0   |
|          | 38.0 |           |            |           |           |            |           | 3.6/37.7m |           |            | 4.4/36.2m | 3.5       | 38.0   |
|          | 40.0 |           |            |           |           |            |           |           |           |            |           | 3.3       | 40.0   |
|          | 42.0 |           |            |           |           |            |           |           |           |            |           | 3.2/40.7m | 42.0   |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。



# ▶ タワー長さ32.1m

【7090-1F】



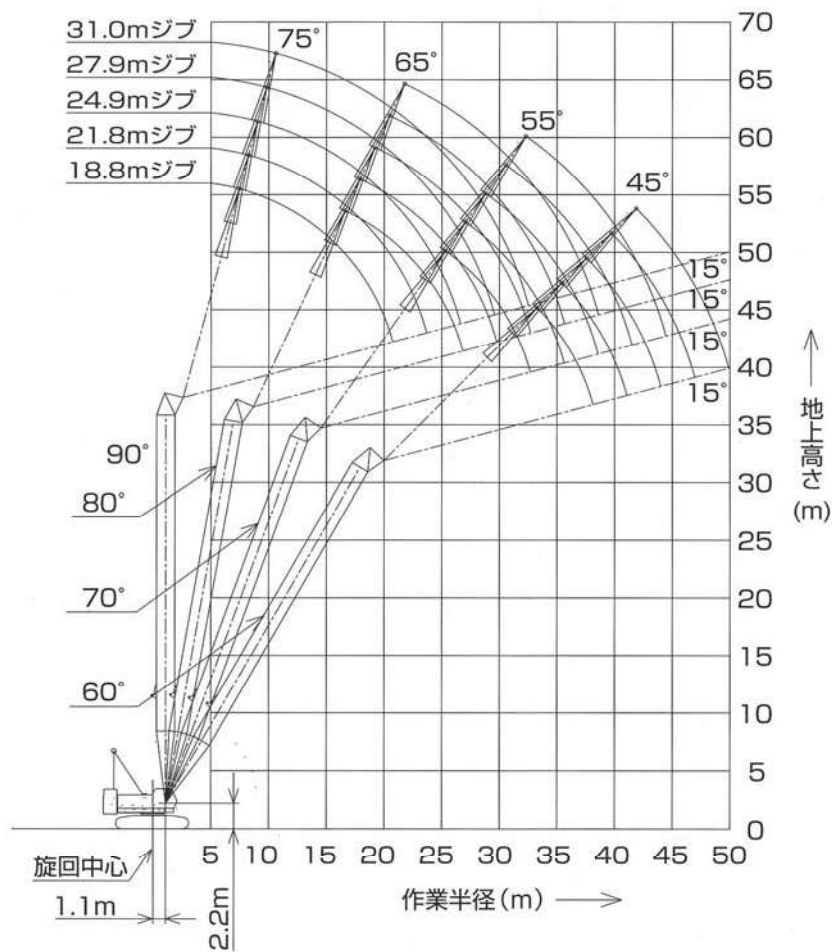
(単位：t)

| タワー長さm | 32.1      |            |           |           |           |            |           |           |           |            |           |     |            |            |           |           | タワー長さm |
|--------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----|------------|------------|-----------|-----------|--------|
| ジブ長さm  | 18.8      |            |           |           | 21.8      |            |           |           | 24.9      |            |           |     | 27.9       |            |           |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | 90°       | 80°        | 70°       | 60°       | 90°       | 80°        | 70°       | 60° | 90°        | 80°        | 70°       | 60°       | タワー角度  |
| 7.7    | 15.0      |            |           |           |           |            |           |           |           |            |           |     |            |            |           |           | 7.7    |
| 8.0    | 15.0      |            |           |           | 15.0/8.5m |            |           |           |           |            |           |     |            |            |           |           | 8.0    |
| 9.0    | 15.0      |            |           |           | 15.0      |            |           |           | 15.0/9.3m |            |           |     |            |            |           |           | 9.0    |
| 10.0   | 15.0      |            |           |           | 15.0      |            |           |           | 15.0      |            |           |     | 15.0/10.1m |            |           |           | 10.0   |
| 12.0   | 15.0      |            |           |           | 15.0      |            |           |           | 15.0      |            |           |     | 15.0       |            |           |           | 12.0   |
| 14.0   | 15.0      |            |           |           | 15.0      |            |           |           | 15.0      |            |           |     | 15.0       |            |           |           | 14.0   |
| 16.0   | 13.8      | 14.0/16.3m |           |           | 13.7      | 12.6/17.6m |           |           | 13.7      |            |           |     | 13.6       |            |           |           | 16.0   |
| 18.0   | 11.9      | 12.4       |           |           | 11.9      | 12.3       |           |           | 11.8      | 11.5/18.9m |           |     | 11.7       |            |           |           | 18.0   |
| 20.0   | 10.4      | 10.9       |           |           | 10.4      | 10.8       |           |           | 10.4      | 10.7       |           |     | 10.3       | 10.5/20.1m |           |           | 20.0   |
| 22.0   | 9.6/20.5m | 9.7        |           |           | 9.2       | 9.6        |           |           | 9.2       | 9.6        |           |     | 9.1        | 9.4        |           |           | 22.0   |
| 24.0   |           | 8.7        | 7.1/24.3m |           | 8.1/23.4m | 8.6        |           |           | 8.3       | 8.7        |           |     | 8.2        | 8.6        |           |           | 24.0   |
| 26.0   |           | 7.9        | 6.6       |           |           | 7.8        | 6.4/26.1m |           | 7.5       | 7.8        | 5.8/27.8m |     | 7.4        | 7.7        |           |           | 26.0   |
| 28.0   |           |            | 6.1       |           |           | 7.1        | 5.9       |           | 7.0/26.3m | 7.2        | 5.8       |     | 6.8        | 7.1        | 5.3/29.6m |           | 28.0   |
| 30.0   |           |            | 5.6       | 4.3/31.7m |           | 6.7/29.0m  | 5.5       |           |           | 6.6        | 5.4       |     | 6.0/29.3m  | 6.5        | 5.2       |           | 30.0   |
| 32.0   |           |            | 5.2/31.3m | 4.3       |           |            | 5.1       | 3.7/33.9m |           | 6.0/31.9m  | 5.0       |     |            | 6.0        | 4.9       |           | 32.0   |
| 34.0   |           |            |           | 3.9       |           |            | 4.7       | 3.7       |           |            | 4.6       |     |            | 5.5        | 4.5       |           | 34.0   |
| 36.0   |           |            |           | 3.6       |           |            | 4.6/34.3m | 3.5       |           |            | 4.3       | 3.4 |            | 5.3/34.8m  | 4.2       |           | 36.0   |
| 38.0   |           |            |           | 3.5/36.3m |           |            |           | 3.3       |           |            | 4.0/37.2m | 3.2 |            |            | 3.9       | 3.0/38.2m | 38.0   |
| 40.0   |           |            |           |           |           |            |           | 3.1/39.3m |           |            |           | 3.0 |            |            | 3.6       | 2.9       | 40.0   |
| 42.0   |           |            |           |           |           |            |           |           |           |            |           | 2.8 |            |            | 3.5/40.2m | 2.7       | 42.0   |
| 44.0   |           |            |           |           |           |            |           |           |           |            |           |     | 2.6/42.2m  |            |           | 2.5       | 44.0   |
| 46.0   |           |            |           |           |           |            |           |           |           |            |           |     |            |            |           | 2.2/45.1m | 46.0   |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ35.2m

【7090-1F】



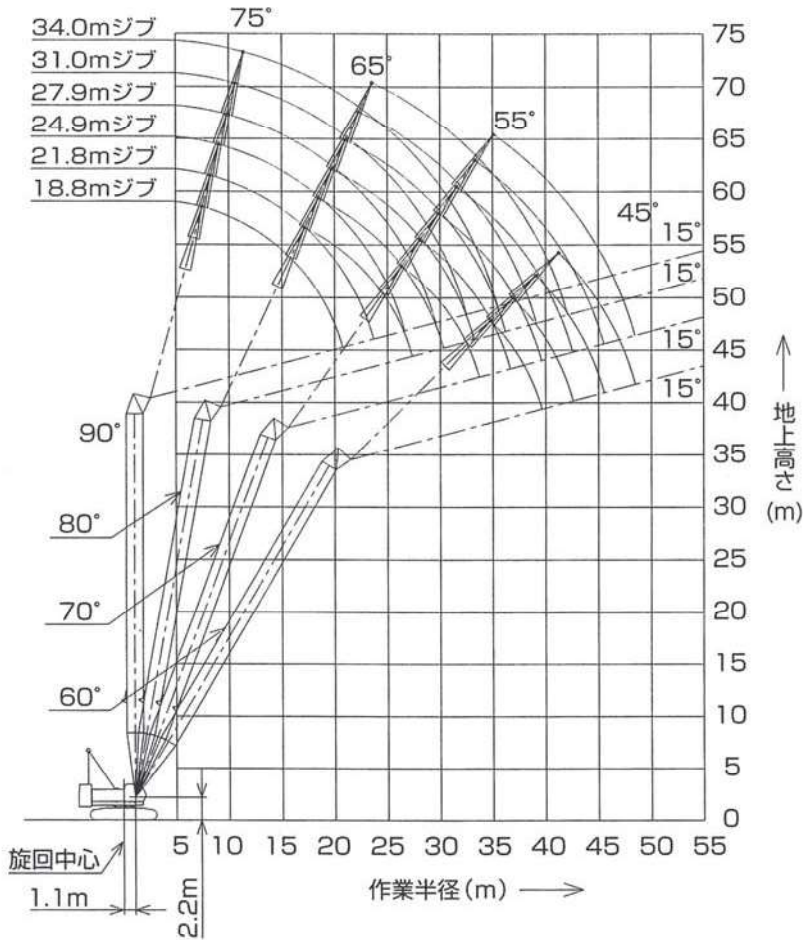
(単位：t)

| タワー長さm | 35.2      |            |           |           |           |            |           |     |           |            |           |           |            |           |           |           | タワー長さm     |           |           |     |       |
|--------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----|-----------|------------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|-----|-------|
| ジブ長さm  | 18.8      |            |           |           | 21.8      |            |           |     | 24.9      |            |           |           | 27.9       |           |           |           | 31.0       |           |           |     | ジブ長さm |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | 90°       | 80°        | 70°       | 60° | 90°       | 80°        | 70°       | 60°       | 90°        | 80°       | 70°       | 60°       | 90°        | 80°       | 70°       | 60° | タワー角度 |
| 7.7    | 15.0      |            |           |           |           |            |           |     |           |            |           |           |            |           |           |           |            |           |           |     | 7.7   |
| 8.0    | 15.0      |            |           |           | 15.0/8.5m |            |           |     |           |            |           |           |            |           |           |           |            |           |           |     | 8.0   |
| 9.0    | 15.0      |            |           |           | 15.0      |            |           |     | 15.0/9.3m |            |           |           |            |           |           |           |            |           |           |     | 9.0   |
| 10.0   | 15.0      |            |           |           | 15.0      |            |           |     | 15.0      |            |           |           | 15.0/10.1m |           |           |           | 13.5/10.9m |           |           |     | 10.0  |
| 12.0   | 15.0      |            |           |           | 15.0      |            |           |     | 15.0      |            |           |           | 15.0       |           |           |           | 13.5       |           |           |     | 12.0  |
| 14.0   | 15.0      |            |           |           | 15.0      |            |           |     | 15.0      |            |           |           | 15.0       |           |           |           | 13.5       |           |           |     | 14.0  |
| 16.0   | 13.8      | 13.2/16.8m |           |           | 13.7      |            |           |     | 13.7      |            |           |           | 13.6       |           |           |           | 13.5       |           |           |     | 16.0  |
| 18.0   | 11.9      | 12.2       |           |           | 11.9      | 12.0/18.1m |           |     | 11.8      | 10.9/19.4m |           |           | 11.7       |           |           |           | 11.7       |           |           |     | 18.0  |
| 20.0   | 10.4      | 10.7       |           |           | 10.4      | 10.6       |           |     | 10.4      | 10.5       |           |           | 10.3       | 9.9/20.7m |           |           | 10.2       |           |           |     | 20.0  |
| 22.0   | 9.6/20.5m | 9.6        |           |           | 9.3       | 9.6        |           |     | 9.2       | 9.5        |           |           | 9.2        | 9.2       |           |           | 9.1        | 9.1       |           |     | 22.0  |
| 24.0   |           | 8.6        | 6.5/25.4m |           | 8.2/23.4m | 8.6        |           |     | 8.3       | 8.5        |           |           | 8.2        | 8.4       |           |           | 8.2        | 8.2       |           |     | 24.0  |
| 26.0   |           | 7.8        | 6.3       |           | 7.8       | 5.8/27.1m  |           |     | 7.5       | 7.7        |           |           | 7.4        | 7.6       |           |           | 7.4        | 7.5       |           |     | 26.0  |
| 28.0   |           | 7.4/26.5m  | 5.9       |           | 7.1       | 5.6        |           |     | 7.0/26.3m | 7.0        | 5.3/28.9m |           | 6.8        | 6.9       |           |           | 6.7        | 6.9       |           |     | 28.0  |
| 30.0   |           |            | 5.4       |           | 6.4/29.5m | 5.3        |           |     | 6.4       | 5.1        |           |           | 6.0/29.3m  | 6.3       | 4.8/30.6m |           | 6.2        | 6.3       |           |     | 30.0  |
| 32.0   |           |            | 4.9       | 3.6/33.2m |           | 4.8        |           |     | 5.9       | 4.8        |           |           | 5.8        | 4.5       |           |           | 5.7        | 5.8       | 4.3/32.4m |     | 32.0  |
| 34.0   |           |            | 4.8/32.4m | 3.6       |           | 4.5        | 3.2/35.4m |     | 5.7/32.4m | 4.4        |           |           | 5.4        | 4.3       |           |           | 5.3/32.2m  | 5.3       | 4.1       |     | 34.0  |
| 36.0   |           |            |           | 3.4       |           | 4.2/35.3m  | 3.2       |     |           | 4.1        | 2.9/37.5m |           | 5.0/35.4m  | 4.0       |           |           |            | 5.0       | 3.9       |     | 36.0  |
| 38.0   |           |            |           | 3.1/37.8m |           |            | 3.0       |     |           | 3.8        | 2.9       |           |            | 3.7       | 2.5/39.7m |           | 4.6        | 3.6       |           |     | 38.0  |
| 40.0   |           |            |           |           |           |            | 2.8       |     |           |            | 3.7/38.3m | 2.7       |            | 3.4       | 2.5       |           | 4.5/38.3m  | 3.4       | 2.1/41.9m |     | 40.0  |
| 42.0   |           |            |           |           |           |            | 2.6/40.8m |     |           |            |           | 2.5       |            |           | 3.2/41.2m | 2.3       |            | 3.1       | 2.1       |     | 42.0  |
| 44.0   |           |            |           |           |           |            |           |     |           |            |           | 2.3/43.7m |            |           |           | 2.1       |            | 2.9       | 1.9       |     | 44.0  |
| 46.0   |           |            |           |           |           |            |           |     |           |            |           |           |            |           |           | 1.9       |            | 2.9/44.2m | 1.8       |     | 46.0  |
| 48.0   |           |            |           |           |           |            |           |     |           |            |           |           |            |           |           | 1.8/46.7m |            |           |           | 1.7 | 48.0  |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ38.2m

【7090-1F】



(単位:t)

| タワー長さm | 38.2      |            |           |           | タワー長さm |
|--------|-----------|------------|-----------|-----------|--------|
| ジブ長さm  | 18.8      |            |           |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | タワー角度  |
| 7.7    | 15.0      |            |           |           | 7.7    |
| 8.0    | 15.0      |            |           |           | 8.0    |
| 9.0    | 15.0      |            |           |           | 9.0    |
| 10.0   | 15.0      |            |           |           | 10.0   |
| 12.0   | 15.0      |            |           |           | 12.0   |
| 14.0   | 15.0      |            |           |           | 14.0   |
| 16.0   | 13.8      | 12.5/17.3m |           |           | 16.0   |
| 18.0   | 11.9      | 12.0       |           |           | 18.0   |
| 20.0   | 10.5      | 10.5       |           |           | 20.0   |
| 22.0   | 9.7/20.5m | 9.3        |           |           | 22.0   |
| 24.0   |           | 8.4        |           |           | 24.0   |
| 26.0   |           | 7.6        | 5.8/26.4m |           | 26.0   |
| 28.0   |           | 7.1/27.1m  | 5.4       |           | 28.0   |
| 30.0   |           |            | 5.1       |           | 30.0   |
| 32.0   |           |            | 4.7       |           | 32.0   |
| 34.0   |           |            | 4.3/33.4m | 3.0/34.8m | 34.0   |
| 36.0   |           |            |           | 2.9       | 36.0   |
| 38.0   |           |            |           | 2.7       | 38.0   |
| 40.0   |           |            |           | 2.4/39.4m | 40.0   |
| 42.0   |           |            |           |           | 42.0   |
| 44.0   |           |            |           |           | 44.0   |
| 46.0   |           |            |           |           | 46.0   |
| 48.0   |           |            |           |           | 48.0   |
| 50.0   |           |            |           |           | 50.0   |

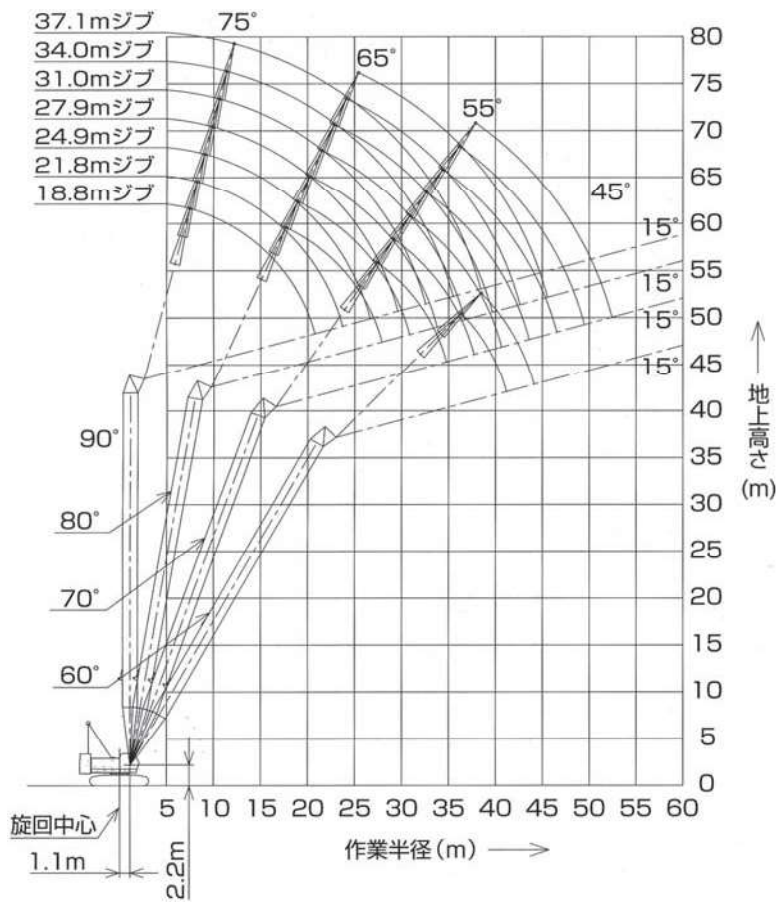
(単位:t)

| タワー長さm | 38.2      |            |           |           |           |            |           |           |      |     |     |            |            |           |     | タワー長さm     |           |           |           |           |           |      |      |
|--------|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|------|-----|-----|------------|------------|-----------|-----|------------|-----------|-----------|-----------|-----------|-----------|------|------|
| ジブ長さm  | 21.8      |            |           |           | 24.9      |            |           |           | 27.9 |     |     |            | 31.0       |           |     | 34.0       |           |           |           | ジブ長さm     |           |      |      |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | 90°       | 80°        | 70°       | 60°       | 90°  | 80° | 70° | 60°        | 90°        | 80°       | 70° | 90°        | 80°       | 70°       | タワー角度     |           |           |      |      |
| 7.7    |           |            |           |           |           |            |           |           |      |     |     |            |            |           |     |            |           |           | 7.7       |           |           |      |      |
| 8.0    | 15.0/8.5m |            |           |           |           |            |           |           |      |     |     |            |            |           |     |            |           |           | 8.0       |           |           |      |      |
| 9.0    | 15.0      |            |           |           | 15.0/9.3m |            |           |           |      |     |     |            | 13.5/10.9m |           |     | 11.5/11.7m |           |           | 9.0       |           |           |      |      |
| 10.0   | 15.0      |            |           |           | 15.0      |            |           |           |      |     |     | 15.0/10.1m |            |           |     |            |           |           | 10.0      |           |           |      |      |
| 12.0   | 15.0      |            |           |           | 15.0      |            |           |           |      |     |     | 15.0       |            |           |     | 13.5       |           | 11.5      | 12.0      |           |           |      |      |
| 14.0   | 15.0      |            |           |           | 15.0      |            |           |           |      |     |     | 15.0       |            |           |     | 13.5       |           | 11.5      | 14.0      |           |           |      |      |
| 16.0   | 13.8      |            |           |           | 13.7      |            |           |           |      |     |     | 13.6       |            |           |     | 13.5       |           | 11.5      | 16.0      |           |           |      |      |
| 18.0   | 11.9      | 11.3/18.6m |           |           | 11.8      | 10.3/19.9m |           |           |      |     |     | 11.8       |            |           |     | 11.7       |           | 11.5      | 18.0      |           |           |      |      |
| 20.0   | 10.4      | 10.4       |           |           | 10.4      | 10.3       |           |           |      |     |     | 10.3       | 9.4/21.2m  |           |     | 10.3       |           | 10.2      | 20.0      |           |           |      |      |
| 22.0   | 9.3       | 9.3        |           |           | 9.2       | 9.2        |           |           |      |     |     | 9.2        | 9.0        |           |     | 9.1        | 8.6/22.5m | 9.1       | 7.9/23.8m | 22.0      |           |      |      |
| 24.0   | 8.2/23.4m | 8.4        |           |           | 8.3       | 8.3        |           |           |      |     |     | 8.2        | 8.2        |           |     | 8.2        | 8.0       | 8.1       | 7.9       | 24.0      |           |      |      |
| 26.0   |           | 7.6        |           |           | 7.5       | 7.5        |           |           |      |     |     | 7.4        | 7.4        |           |     | 7.4        | 7.3       | 7.3       | 7.2       | 26.0      |           |      |      |
| 28.0   |           | 6.9        | 5.2/28.2m |           | 7.1/26.3m | 6.9        | 4.8/29.9m |           |      |     |     | 6.8        | 6.8        |           |     | 6.7        | 6.7       | 6.7       | 6.6       | 28.0      |           |      |      |
| 30.0   |           | 6.3        | 4.8       |           | 6.3       | 4.8        |           |           |      |     |     | 6.1/29.3m  | 6.2        | 4.4/31.7m |     | 6.2        | 6.1       | 6.1       | 6.0       | 30.0      |           |      |      |
| 32.0   |           |            | 4.6       |           |           | 5.8        | 4.4       |           |      |     |     | 5.7        | 4.3        |           |     | 5.7        | 5.6       | 4.0/33.4m | 5.6       | 5.6       | 32.0      |      |      |
| 34.0   |           |            | 4.2       |           |           | 5.5/33.0m  | 4.1       |           |      |     |     | 5.3        | 4.0        |           |     | 5.6/32.2m  | 5.2       | 3.9       | 5.2       | 5.1       | 3.6/35.2m | 34.0 |      |
| 36.0   |           |            | 3.9       | 2.5/36.9m |           |            | 3.8       |           |      |     |     | 4.9/35.9m  | 3.7        |           |     |            | 4.8       | 3.6       | 4.6/35.2m | 4.8       | 3.5       | 36.0 |      |
| 38.0   |           |            | 3.8/36.4m | 2.5       |           |            | 3.5       | 2.2/39.1m |      |     |     | 3.4        |            |           |     |            | 4.5       | 3.4       |           | 4.4       | 3.3       | 38.0 |      |
| 40.0   |           |            |           | 2.3       |           |            | 3.3/39.3m | 2.2       |      |     |     | 3.2        | 1.8/41.2m  |           |     | 4.3/38.8m  | 3.1       |           | 4.1       | 3.0       |           | 40.0 |      |
| 42.0   |           |            |           | 2.1       |           |            |           | 2.0       |      |     |     | 3.0        | 1.8        |           |     |            | 2.9       |           |           | 3.8/41.8m | 2.8       |      | 42.0 |
| 44.0   |           |            |           | 1.9/42.3m |           |            |           | 1.8       |      |     |     | 2.9/42.3m  | 1.5        |           |     |            | 2.7       |           |           |           | 2.6       |      | 44.0 |
| 46.0   |           |            |           |           |           |            |           | 1.5/45.2m |      |     |     |            |            |           |     |            | 2.5/45.2m |           |           |           | 2.5       |      | 46.0 |
| 48.0   |           |            |           |           |           |            |           |           |      |     |     |            |            |           |     |            |           |           |           |           | 2.3       |      | 48.0 |
| 50.0   |           |            |           |           |           |            |           |           |      |     |     |            |            |           |     |            |           |           |           |           | 2.2/48.2m |      | 50.0 |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ41.2m

【7090-1F】



(単位：t)

| タワー長さm | 41.2      |            |           |           | タワー長さm |
|--------|-----------|------------|-----------|-----------|--------|
| ジブ長さm  | 18.8      |            |           |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | 60°       | タワー角度  |
| 7.7    | 15.0      |            |           |           | 7.7    |
| 8.0    | 15.0      |            |           |           | 8.0    |
| 9.0    | 15.0      |            |           |           | 9.0    |
| 10.0   | 15.0      |            |           |           | 10.0   |
| 12.0   | 15.0      |            |           |           | 12.0   |
| 14.0   | 15.0      |            |           |           | 14.0   |
| 16.0   | 13.8      | 11.8/17.9m |           |           | 16.0   |
| 18.0   | 11.9      | 11.7       |           |           | 18.0   |
| 20.0   | 10.5      | 10.3       |           |           | 20.0   |
| 22.0   | 9.8/20.5m | 9.1        |           |           | 22.0   |
| 24.0   |           | 8.2        |           |           | 24.0   |
| 26.0   |           | 7.4        | 5.4/27.5m |           | 26.0   |
| 28.0   |           | 6.7/27.6m  | 5.2       |           | 28.0   |
| 30.0   |           |            | 4.8       |           | 30.0   |
| 32.0   |           |            | 4.4       |           | 32.0   |
| 34.0   |           |            | 4.1       |           | 34.0   |
| 36.0   |           |            | 3.9/34.5m | 2.4/36.3m | 36.0   |
| 38.0   |           |            |           | 2.3       | 38.0   |
| 40.0   |           |            |           | 2.1       | 40.0   |
| 42.0   |           |            |           | 1.9/40.9m | 42.0   |
| 44.0   |           |            |           |           | 44.0   |
| 46.0   |           |            |           |           | 46.0   |
| 48.0   |           |            |           |           | 48.0   |
| 50.0   |           |            |           |           | 50.0   |

(単位：t)

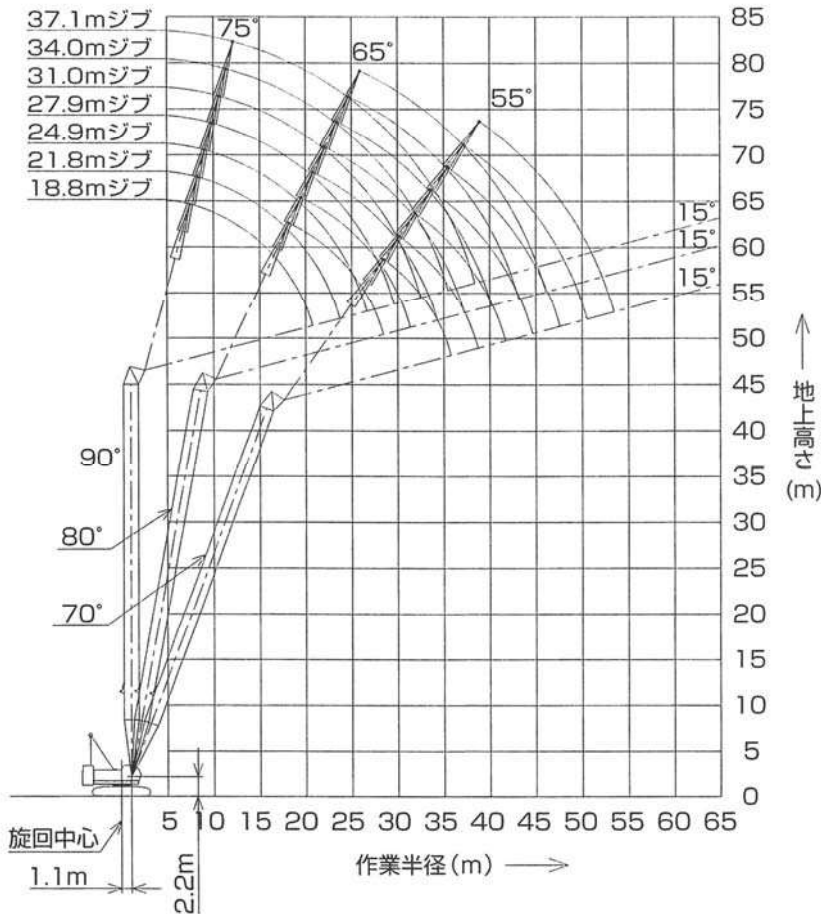
| タワー長さm | 41.2      |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           |           |     | タワー長さm    |      |      |
|--------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----|-----------|------|------|
| ジブ長さm  | 21.8      |            |           | 24.9      |           |           | 27.9       |           |           | 31.0       |           |           | 34.0       |           |           | 37.1      |           |     | ジブ長さm     |      |      |
| タワー角度  | 90°       | 80°        | 70°       | 90°       | 80°       | 70°       | 90°        | 80°       | 70°       | 90°        | 80°       | 70°       | 90°        | 80°       | 70°       | 90°       | 80°       | 70° | タワー角度     |      |      |
| 7.7    |           |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 7.7       |      |      |
| 8.0    | 15.0/8.5m |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 8.0       |      |      |
| 9.0    | 15.0      |            |           | 15.0/9.3m |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 9.0       |      |      |
| 10.0   | 15.0      |            |           | 15.0      |           |           | 15.0/10.1m |           |           | 13.5/10.9m |           |           | 11.5/11.7m |           |           |           |           |     | 10.0      |      |      |
| 12.0   | 15.0      |            |           | 15.0      |           |           | 15.0       |           |           | 13.5       |           |           | 11.5       |           |           | 9.5/12.5m |           |     | 12.0      |      |      |
| 14.0   | 15.0      |            |           | 15.0      |           |           | 15.0       |           |           | 13.5       |           |           | 11.5       |           |           | 9.5       |           |     | 14.0      |      |      |
| 16.0   | 13.8      |            |           | 13.7      |           |           | 13.6       |           |           | 13.5       |           |           | 11.5       |           |           | 9.5       |           |     | 16.0      |      |      |
| 18.0   | 11.9      | 10.7/19.2m |           | 11.8      |           |           | 11.8       |           |           | 11.7       |           |           | 11.5       |           |           | 9.4       |           |     | 18.0      |      |      |
| 20.0   | 10.4      | 10.2       |           | 10.4      | 9.7/20.4m |           | 10.3       | 8.9/21.7m |           | 10.3       |           |           | 10.2       |           |           | 9.1       |           |     | 20.0      |      |      |
| 22.0   | 9.3       | 9.1        |           | 9.2       | 8.9       |           | 9.2        | 8.8       |           | 9.1        | 8.2/23.0m |           | 9.1        |           |           | 8.7       |           |     | 22.0      |      |      |
| 24.0   | 8.3/23.4m | 8.2        |           | 8.3       | 8.1       |           | 8.2        | 8.0       |           | 8.2        | 7.8       |           | 8.1        | 7.5/24.3m |           | 8.2       | 7.1/25.9m |     | 24.0      |      |      |
| 26.0   |           | 7.4        |           | 7.5       | 7.4       |           | 7.4        | 7.3       |           | 7.4        | 7.2       |           | 7.3        | 6.9       |           | 7.4       | 7.0       |     | 26.0      |      |      |
| 28.0   |           | 6.8        | 4.9/29.2m |           | 7.1/26.3m | 6.7       |            | 6.8       | 6.6       |            | 6.7       | 6.5       |            | 6.7       | 6.4       |           | 6.7       | 6.3 | 28.0      |      |      |
| 30.0   |           | 6.2        | 4.7       |           |           | 6.2       | 4.4/31.0m  | 6.1/29.3m |           | 6.1        |           |           | 6.2        | 6.0       |           | 6.1       | 5.9       |     | 30.0      |      |      |
| 32.0   |           | 6.0/30.5m  | 4.3       |           |           | 5.7       | 4.2        |           | 5.6       | 4.0/32.7m  | 5.7       | 5.5       |            | 5.6       | 5.4       |           | 5.7       | 5.3 | 32.0      |      |      |
| 34.0   |           |            | 4.0       |           |           | 5.2/33.5m | 3.9        |           | 5.1       | 3.8        | 5.6/32.2m | 5.1       | 3.6/34.5m  | 5.2       | 5.0       |           | 5.2       | 4.9 | 34.0      |      |      |
| 36.0   |           |            | 3.7       |           |           |           | 3.6        |           | 4.8       | 3.5        |           | 4.7       | 3.4        | 4.6/35.2m | 4.6       | 3.3/36.2m | 4.9       | 4.5 | 36.0      |      |      |
| 38.0   |           |            | 3.4/37.4m | 2.0/38.4m |           |           | 3.3        |           | 4.6/36.4m | 3.2        |           | 4.4       | 3.1        |           | 4.3       | 3.0       | 4.5       | 4.2 | 2.9/38.4m | 38.0 |      |
| 40.0   |           |            |           | 1.9       |           |           | 3.1        |           |           | 3.0        |           | 4.1/39.4m | 2.9        |           | 4.0       | 2.8       | 4.4/38.1m | 3.9 | 2.7       | 40.0 |      |
| 42.0   |           |            |           |           | 1.7       |           |            | 3.0/40.4m |           |            | 2.8       |           |            | 2.7       |           | 3.7       | 2.6       |     | 3.7       | 2.4  | 42.0 |
| 44.0   |           |            |           |           |           | 1.6/43.8m |            |           |           |            | 2.5/43.3m |           |            | 2.5       |           | 3.7/42.9m | 2.4       |     | 3.4       | 2.2  | 44.0 |
| 46.0   |           |            |           |           |           |           |            |           |           |            |           |           |            | 2.3       |           |           | 2.2       |     | 3.2/45.3m | 2.1  | 46.0 |
| 48.0   |           |            |           |           |           |           |            |           |           |            |           |           |            |           | 2.2/46.2m |           | 2.0       |     | 1.9       | 48.0 |      |
| 50.0   |           |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           | 1.9/49.2m |     | 1.7       | 50.0 |      |
| 52.0   |           |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 1.6       | 52.0 |      |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ▶ タワー長さ44.3m

【7090-1F】

(単位:t)



| タワー長さm | 44.3      |            |           | タワー長さm |
|--------|-----------|------------|-----------|--------|
| ジブ長さm  | 18.8      |            |           | ジブ長さm  |
| タワー角度  | 90°       | 80°        | 70°       | タワー角度  |
| 7.7    | 15.0      |            |           | 7.7    |
| 8.0    | 15.0      |            |           | 8.0    |
| 9.0    | 15.0      |            |           | 9.0    |
| 10.0   | 15.0      |            |           | 10.0   |
| 12.0   | 15.0      |            |           | 12.0   |
| 14.0   | 15.0      |            |           | 14.0   |
| 16.0   | 13.8      |            |           | 16.0   |
| 18.0   | 11.9      | 11.1/18.4m |           | 18.0   |
| 20.0   | 10.5      | 10.1       |           | 20.0   |
| 22.0   | 9.8/20.5m | 9.1        |           | 22.0   |
| 24.0   |           | 8.1        |           | 24.0   |
| 26.0   |           | 7.4        |           | 26.0   |
| 28.0   |           | 6.7        | 4.8/28.5m | 28.0   |
| 30.0   |           | 6.6/28.1m  | 4.5       | 30.0   |
| 32.0   |           |            | 4.2       | 32.0   |
| 34.0   |           |            | 3.8       | 34.0   |
| 36.0   |           |            | 3.5/35.5m | 36.0   |
| 38.0   |           |            |           | 38.0   |
| 40.0   |           |            |           | 40.0   |
| 42.0   |           |            |           | 42.0   |
| 44.0   |           |            |           | 44.0   |
| 46.0   |           |            |           | 46.0   |
| 48.0   |           |            |           | 48.0   |
| 50.0   |           |            |           | 50.0   |

(単位:t)

| タワー長さm | 44.3      |            |           |           |           |           |            |           |           |            |           |           |            |           |           | タワー長さm    |           |     |       |
|--------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----|-------|
| ジブ長さm  | 21.8      |            |           | 24.9      |           |           | 27.9       |           |           | 31.0       |           |           | 34         |           |           | 37.1      |           |     | ジブ長さm |
| タワー角度  | 90°       | 80°        | 70°       | 90°       | 80°       | 70°       | 90°        | 80°       | 70°       | 90°        | 80°       | 70°       | 90°        | 80°       | 70°       | 90°       | 80°       | 70° | タワー角度 |
| 7.7    |           |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 7.7   |
| 8.0    | 15.0/8.5m |            |           |           |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 8.0   |
| 9.0    | 15.0      |            |           | 15.0/9.3m |           |           |            |           |           |            |           |           |            |           |           |           |           |     | 9.0   |
| 10.0   | 15.0      |            |           | 15.0      |           |           | 15.0/10.1m |           |           | 13.5/10.9m |           |           | 11.5/11.7m |           |           |           |           |     | 10.0  |
| 12.0   | 15.0      |            |           | 15.0      |           |           | 15.0       |           |           | 13.5       |           |           | 11.5       |           |           | 9.5/12.5m |           |     | 12.0  |
| 14.0   | 15.0      |            |           | 15.0      |           |           | 15.0       |           |           | 13.5       |           |           | 11.5       |           |           | 9.5       |           |     | 14.0  |
| 16.0   | 13.8      |            |           | 13.7      |           |           | 13.6       |           |           | 13.5       |           |           | 11.5       |           |           | 9.5       |           |     | 16.0  |
| 18.0   | 11.9      | 10.1/19.7m |           | 11.9      |           |           | 11.8       |           |           | 11.7       |           |           | 11.5       |           |           | 9.4       |           |     | 18.0  |
| 20.0   | 10.4      | 9.9        |           | 10.4      | 9.2/21.0m |           | 10.3       |           |           | 10.3       |           |           | 10.2       |           |           | 9.0       |           |     | 20.0  |
| 22.0   | 9.3       | 8.9        |           | 9.2       | 8.7       |           | 9.2        | 8.4/22.3m |           | 9.1        | 7.8/23.5m |           | 9.1        |           |           | 8.7       |           |     | 22.0  |
| 24.0   | 8.3/23.4m | 8.0        |           | 8.3       | 7.9       |           | 8.2        | 7.7       |           | 8.2        | 7.6       |           | 8.1        | 7.1/24.8m |           | 8.2       |           |     | 24.0  |
| 26.0   |           | 7.3        |           | 7.5       | 7.2       |           | 7.5        | 7.1       |           | 7.4        | 7.0       |           | 7.3        | 6.7       |           | 7.4       | 6.7/26.5m |     | 26.0  |
| 28.0   |           | 6.6        |           | 7.1/26.3m | 6.6       |           | 6.8        | 6.4       |           | 6.7        | 6.4       |           | 6.7        | 6.3       |           | 6.7       | 6.2       |     | 28.0  |
| 30.0   |           | 6.1        | 4.3/30.3m |           | 6.0       |           | 6.1/29.3m  | 5.9       |           | 6.2        | 5.8       |           | 6.1        | 5.7       |           | 6.2       | 5.6       |     | 30.0  |
| 32.0   |           | 5.7/31.1m  | 4.0       |           | 5.5       | 3.9       |            | 5.4       | 3.5/33.8m | 5.7        | 5.4       |           | 5.6        | 5.3       |           | 5.7       | 5.2       |     | 32.0  |
| 34.0   |           |            | 3.7       |           | 5.1       | 3.6       |            | 5.0       | 3.5       | 5.6/32.2m  | 5.0       | 3.2/35.5m | 5.2        | 4.9       |           | 5.3       | 4.8       |     | 34.0  |
| 36.0   |           |            | 3.4       |           | 3.4       |           | 3.4        | 3.2       |           | 4.6        | 3.1       | 4.7/35.2m | 4.5        | 2.8/37.3m | 4.9       | 4.4       |           |     | 36.0  |
| 38.0   |           |            | 3.2       |           | 3.1       |           | 4.4/37.0m  | 3.0       |           | 4.3        | 2.9       |           | 4.2        | 2.7       | 4.5       | 4.1       | 2.4/39.4m |     | 38.0  |
| 40.0   |           |            | 3.1/38.5m |           |           | 2.9       |            | 2.8       |           | 4.0/39.9m  | 2.7       |           | 3.9        | 2.5       | 4.4/38.1m | 3.8       | 2.3       |     | 40.0  |
| 42.0   |           |            |           |           |           | 2.5/41.4m |            | 2.6       |           |            | 2.4       |           | 3.6        | 2.3       |           | 3.6       | 2.1       |     | 42.0  |
| 44.0   |           |            |           |           |           |           |            | 2.3       |           |            | 2.2       |           | 3.5/42.8m  | 2.1       |           | 3.3       | 2.0       |     | 44.0  |
| 46.0   |           |            |           |           |           |           |            |           | 2.1/44.3m |            | 2.1       |           |            | 2.0       |           | 3.1/45.8m | 1.8       |     | 46.0  |
| 48.0   |           |            |           |           |           |           |            |           |           |            | 1.8/47.3m |           |            | 1.8       |           |           | 1.6       |     | 48.0  |
| 50.0   |           |            |           |           |           |           |            |           |           |            |           |           |            | 1.6       |           |           |           |     | 50.0  |

※表中の太線で囲まれた部分は、ブーム等の強度によって定められた値です。

# ラフタークレーン

