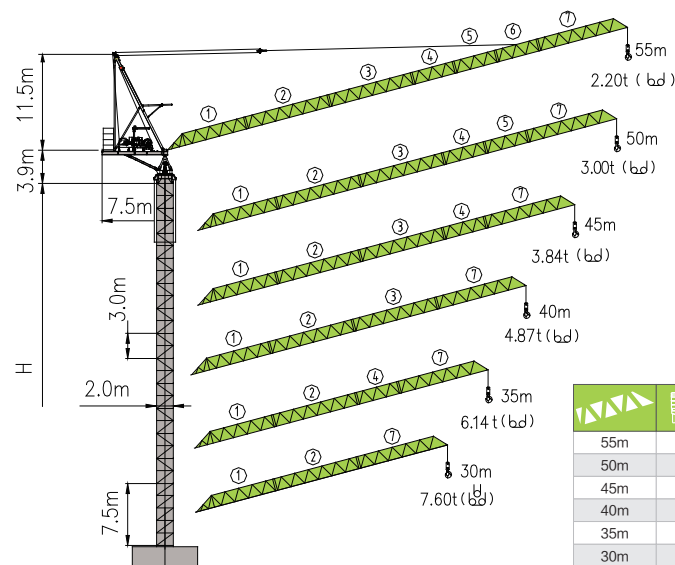
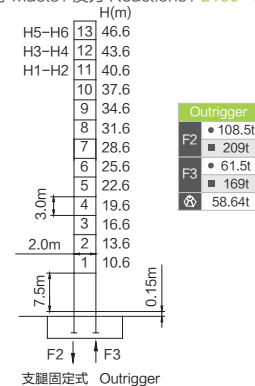


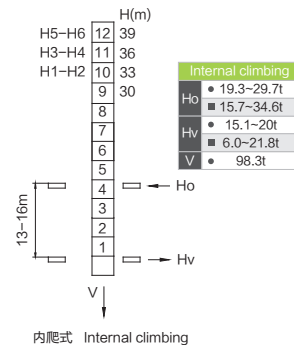
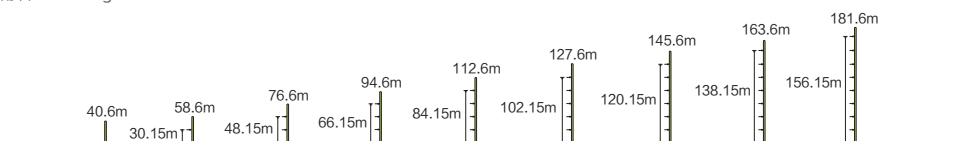


|     |      | H  | (kg)  | PHZ3250 | PHZ2140 |
|-----|------|----|-------|---------|---------|
| 55m | 7.5m | H1 | 17280 | 4       | 2       |
| 50m | 7.5m | H2 | 17280 | 4       | 2       |
| 45m | 7.5m | H3 | 17280 | 4       | 2       |
| 40m | 7.5m | H4 | 17280 | 4       | 2       |
| 35m | 7.5m | H5 | 17280 | 4       | 2       |
| 30m | 7.5m | H6 | 17280 | 4       | 2       |

■ 塔身 Masts / 反力 Reactions / L160-10D

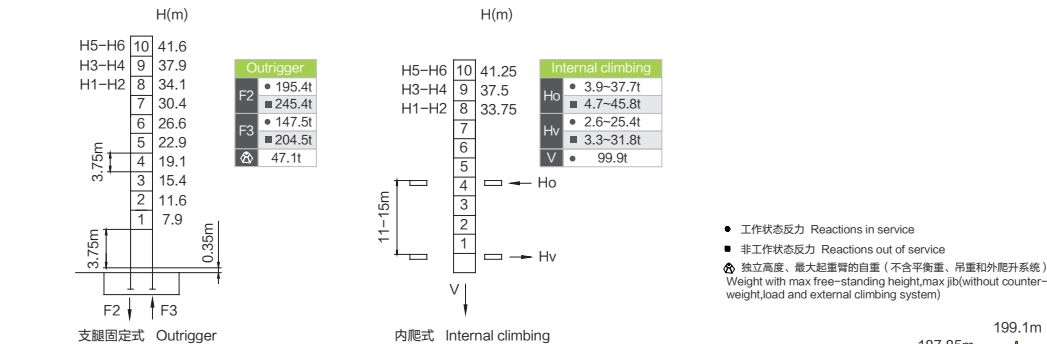


■ 附着 Anchorages / L160-10D

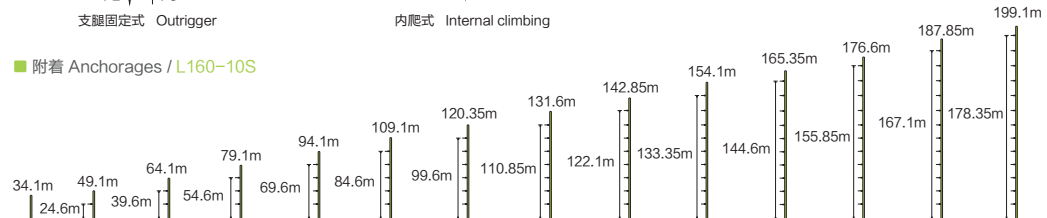


- 工作状态反力 Reactions in service
- 非工作状态反力 Reactions out of service
- ⊗ 独立高度、最大起重臂的自重 (不含平衡重、吊重和外爬升系统)  
Weight with max free-standing height, max jib (without counter-weight, load and external climbing system)

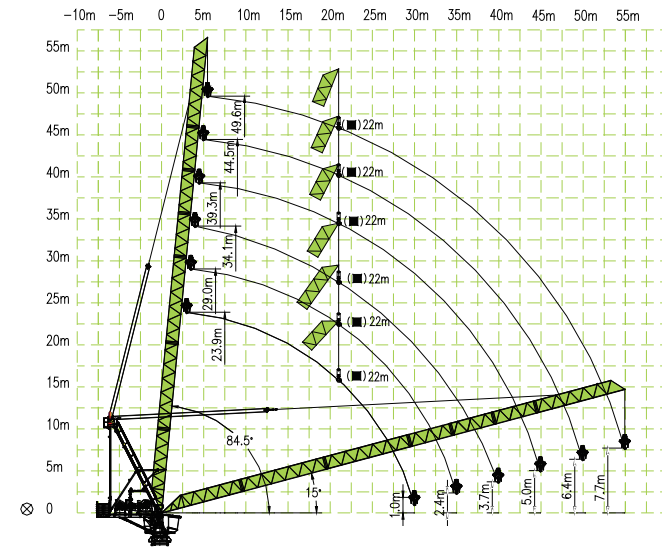
## ■ 塔身 Masts / 反力 Reactions / L160-10S



## ■ 附着 Anchorages / L160-10S



## ■ 起重臂 Luffing jib



■ 非工作状态最小幅度 Minimum radius out of service

■ 起重特性 Load diagrams

|    |  | Max Capacity<br>m/t | 23.0  | 25.0 | 28.0 | 30.0 | 33.0 | 35.0 | 38.0 | 40.0 | 43.0 | 45.0 | 48.0 | 50.0 | 53.0 | 55.0 |
|----|--|---------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 55 |  | 5.8~29.6/7.50       | 7.50  |      |      | 7.17 | 6.32 | 5.62 | 4.85 | 4.34 | 3.85 | 3.52 | 2.99 | 2.73 | 2.37 | 2.17 |
|    |  | 5.8~37.6/5.00       | 5.00  |      |      |      |      |      | 4.90 | 4.43 | 3.90 | 3.57 | 3.04 | 2.77 | 2.41 | 2.20 |
| 50 |  | 5.3~23.8/10.00      | 10.00 | 9.30 | 7.62 | 7.84 | 6.98 | 5.48 | 4.85 | 4.34 | 3.83 | 3.50 | 3.03 | 2.76 |      |      |
|    |  | 5.3~29.2/7.50       | 7.50  |      |      | 7.20 | 6.27 | 5.69 | 5.07 | 4.55 | 4.04 | 3.71 | 3.23 | 2.97 |      |      |
|    |  | 5.3~38.1/5.00       | 5.00  |      |      |      |      |      | 4.59 | 4.08 | 3.76 | 3.27 | 3.00 |      |      |      |
| 45 |  | 4.8~24.0/10.00      | 10.00 | 9.10 | 7.89 | 7.16 | 6.18 | 5.57 | 4.85 | 4.48 | 3.93 | 3.59 |      |      |      |      |
|    |  | 4.8~29.6/7.50       | 7.50  |      |      | 7.38 | 6.39 | 5.78 | 5.07 | 4.69 | 4.15 | 3.80 |      |      |      |      |
|    |  | 4.8~38.8/5.00       | 5.00  |      |      |      |      |      | 4.74 | 4.18 | 3.84 |      |      |      |      |      |
| 40 |  | 4.3~24.2/10.00      | 10.00 | 9.46 | 7.95 | 7.35 | 6.29 | 5.73 | 5.02 | 4.63 |      |      |      |      |      |      |
|    |  | 4.3~30.0/7.50       | 7.50  |      |      | 6.50 | 5.94 | 5.23 | 4.84 |      |      |      |      |      |      |      |
|    |  | 4.3~39.3/5.00       | 5.00  |      |      |      |      |      | 4.87 |      |      |      |      |      |      |      |
| 35 |  | 3.8~24.4/10.00      | 10.00 | 9.44 | 8.27 | 7.40 | 6.51 | 5.93 |      |      |      |      |      |      |      |      |
|    |  | 3.8~30.6/7.50       | 7.50  |      |      | 6.72 | 6.14 |      |      |      |      |      |      |      |      |      |
|    |  | 3.8~35.0/5.00       | 5.00  |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 30 |  | 3.3~24.6/10.00      | 10.00 | 9.76 | 8.36 | 7.60 |      |      |      |      |      |      |      |      |      |      |
|    |  | 3.3~30.0/7.50       | 7.50  |      |      |      |      |      |      |      |      |      |      |      |      |      |
|    |  | 3.3~30.0/5.00       | 5.00  |      |      |      |      |      |      |      |      |      |      |      |      |      |

■ 传动机构 Mechanisms arrangement

| 配置 Configuration                                                                                      |                            |       | b                   |      |         | bb   |      |       | bbb    |      |        | kW         |  |
|-------------------------------------------------------------------------------------------------------|----------------------------|-------|---------------------|------|---------|------|------|-------|--------|------|--------|------------|-------------------------------------------------------------------------------------|
|                                                                                                       |                            |       | III                 | IV   | V       | III  | IV   | V     | III    | IV   | V      |            |                                                                                     |
| <br>起升<br>Hoisting | QPL10110                   | m/min | 0~45                | 0~90 | 0~112.5 | 0~30 | 0~60 | 0~75  | 0~22.5 | 0~45 | 0~56.3 | 45         | 600m ①(5 layers)                                                                    |
|                                                                                                       |                            | t     | 5                   | 2.5  | 1.25    | 7.5  | 3.75 | 1.875 | 10     | 5    | 2.5    |            |                                                                                     |
| <br>回转<br>Slewing  | HVV95F1.130<br>HVV95F2.130 | r/min | 0~0.7               |      |         |      |      |       |        |      |        | 2×95 N · m | ①超出咨询我们<br><br>Consult us if overtop                                                |
| <br>变幅<br>Luffing  | BP300                      | m/min | 2.7min(15° ~84.5° ) |      |         |      |      |       |        |      |        | 30         |                                                                                     |
|                    | 380V( ± 10 % ) 50Hz        | 86 kW |                     |      |         |      |      |       |        |      |        |            |                                                                                     |

■ 运输单元 Packing list / 上装 Upper Parts / L160-10

| 序号<br>No. | 名称<br>Description                           | 形状<br>Sketch | 长<br>L(m) | 宽<br>B(m) | 高<br>H(m) | 单件重量<br>Weight<br>per Piece(t) | 数量<br>Qty |
|-----------|---------------------------------------------|--------------|-----------|-----------|-----------|--------------------------------|-----------|
| 1         | Jib I<br>臂节 I                               |              | 10.15     | 1.49      | 1.57      | 1.36                           | 1         |
| 2         | Jib II、III<br>臂节 II、III                     |              | 10.40     | 1.49      | 1.55      | 1.03                           | 2         |
| 3         | Jib IV、V<br>臂节 IV、V                         |              | 5.28      | 1.49      | 1.55      | 0.48                           | 3         |
| 4         | Jib VI<br>臂节 VI                             |              | 10.96     | 1.49      | 1.55      | 1.21                           | 1         |
| 5         | Pulley<br>Assembly<br>动滑轮组                  |              | 1.14      | 0.61      | 0.56      | 0.12                           | 1         |
| 6         | A-frame I<br>A字架 I                          |              | 1.74      | 0.76      | 2.10      | 0.66                           | 1         |
| 7         | A-frame II<br>A字架 II<br>(前下撑杆)              |              | 11.31     | 1.63      | 0.50      | 1.56                           | 1         |
| 8         | Buffer<br>缓冲器                               |              | 3.34      | 1.65      | 0.32      | 0.39                           | 1         |
| 9         | Inclined Strut<br>(A-frame)<br>斜撑杆<br>(A字架) |              | 5.41      | 0.16      | 0.23      | 0.22                           | 2         |
| 10        | Rear Strut<br>(A-frame)<br>后撑杆<br>(A字架)     |              | 10.62     | 0.14      | 0.35      | 0.37                           | 2         |

■ 运输单元 Packing list / 上装 Upper Parts / L160-10

| 序号<br>No. | 名称<br>Description             | 形状<br>Sketch | 长<br>L(m) | 宽<br>B(m) | 高<br>H(m) | 单件重量<br>Weight<br>per Piece(t) | 数量<br>Qty |
|-----------|-------------------------------|--------------|-----------|-----------|-----------|--------------------------------|-----------|
| 11        | Slewing<br>Assembly<br>回转总成   |              | 2.67      | 2.67      | 2.61      | 6.53                           | 1         |
| 12        | Slewing<br>Mast<br>回转塔身       |              | 1.74      | 1.62      | 1.81      | 1.09                           | 1         |
| 13        | Counter<br>jib<br>平衡臂         |              | 7.82      | 1.71      | 0.80      | 3.56                           | 1         |
| 14        | Front<br>Strut<br>下撑杆         |              | 3.87      | 1.59      | 0.27      | 0.60                           | 1         |
| 15        | Cabin<br>司机室                  |              | 4.49      | 1.25      | 2.20      | 2.00                           | 1         |
| 16        | Hook<br>吊钩                    |              | 1.25      | 0.23      | 1.74      | 0.41                           | 1         |
| 17        | Luffing<br>Mechanism<br>变幅机构  |              | 2.42      | 1.68      | 1.56      | 3.08                           | 1         |
| 18        | Hoisting<br>Mechanism<br>起升机构 |              | 3.16      | 1.97      | 1.58      | 3.41                           | 1         |



■ 运输单元 Packing list / 下装 Upper Parts / L160-10D

| 序号<br>No. | 名称<br>Description                                      | 形状<br>Sketch | 长<br>L(m) | 宽<br>B(m) | 高<br>H(m) | 单件重量<br>Weight<br>per Piece(t) | 数量<br>Qty |
|-----------|--------------------------------------------------------|--------------|-----------|-----------|-----------|--------------------------------|-----------|
| 1         | Climbing Frame<br>爬升架                                  |              | 7.23      | 2.54      | 2.54      | 3.02                           | 1         |
| 2         | Base Tower Section<br>基础节                              |              | 7.76      | 2.08      | 2.00      | 4.12                           | 1         |
| 3         | Tower Section<br>标准节                                   |              | 3.26      | 1.99      | 0.60      | 1.17                           | 11*       |
|           |                                                        |              |           |           |           | 1.17                           | 9*        |
| 4         | Internal Climbing Reinforced Tower Section<br>内爬加强节    |              | 3.26      | 2.12      | 2.00      | 2.25                           | 1         |
| 5         | Internal Climbing Base Tower Section<br>内爬基节           |              | 3.26      | 2.08      | 2.23      | 3.88                           | 1         |
| 序号<br>No. | 名称<br>Description                                      | 形状<br>Sketch | 长<br>L(m) | 宽<br>B(m) | 高<br>H(m) | 单件重量<br>Weight<br>per Piece(t) | 数量<br>Qty |
| 6         | Internal Climbing Frame<br>(main beam)<br>内爬框主梁        |              | 2.78      | 1.09      | 0.74      | 1.27                           | 3         |
| 7         | Internal Climbing Frame<br>(back beam)<br>内爬框后梁        |              | 2.78      | 0.89      | 0.40      | 0.59                           | 3         |
| 8         | Climbing Mechanism<br>顶升机构                             |              | 1.93      | 0.27      | 1.42      | 0.48                           | 1         |
| 9         | Climbing Beam<br>(Internal Climbing)<br>顶升横梁组件<br>(内爬) |              | 1.93      | 0.27      | 3.09      | 0.50                           | 1         |
| 10        | Pump<br>泵站                                             |              | 0.66      | 0.55      | 1.00      | 0.23                           | 1         |
| 11        | Pump<br>(Internal Climbing)<br>泵站<br>(内爬)              |              | 0.66      | 0.55      | 1.00      | 0.23                           | 1         |

■ 运输单元 Packing list / 下装 Upper Parts / L160-10S

| 序号<br>No. | 名称<br>Description                                         | 形状<br>Sketch | 长<br>L(m) | 宽<br>B(m) | 高<br>H(m) | 单件重量<br>Weight<br>per Piece(t) | 数量<br>Qty |
|-----------|-----------------------------------------------------------|--------------|-----------|-----------|-----------|--------------------------------|-----------|
| 1         | Climbing Frame<br>爬升架                                     |              | 8.93      | 2.16      | 2.16      | 3.91                           | 1         |
| 2         | Base Tower Section<br>基础节                                 |              | 1.18      | 1.72      | 4.02      | 2.56                           | 1         |
| 3         | Tower Section<br>标准节                                      |              | 4.02      | 1.72      | 1.64      | 2.49                           | 8*        |
| 4         | Climbing Mechanism<br>顶升机构                                |              | 1.50      | 0.23      | 0.65      | 0.27                           | 1         |
| 序号<br>No. | 名称<br>Description                                         | 形状<br>Sketch | 长<br>L(m) | 宽<br>B(m) | 高<br>H(m) | 单件重量<br>Weight<br>per Piece(t) | 数量<br>Qty |
| 5         | Pump<br>(Internal Climbing)<br>泵站                         |              | 0.66      | 0.55      | 1.00      | 0.23                           | 1         |
| 6         | Internal Climbing Base Tower Section<br>内爬基节              |              | 4.02      | 1.60      | 1.74      | 4.16                           | 1         |
| 7         | Internal climbing frame<br>内爬框                            |              | 2.29      | 0.8       | 0.78      | 0.80                           | 6         |
| 8         | Climbing Mechanism<br>(Internal Climbing)<br>顶升机构<br>(内爬) |              | 1.67      | 0.30      | 2.83      | 0.49                           | 1         |