



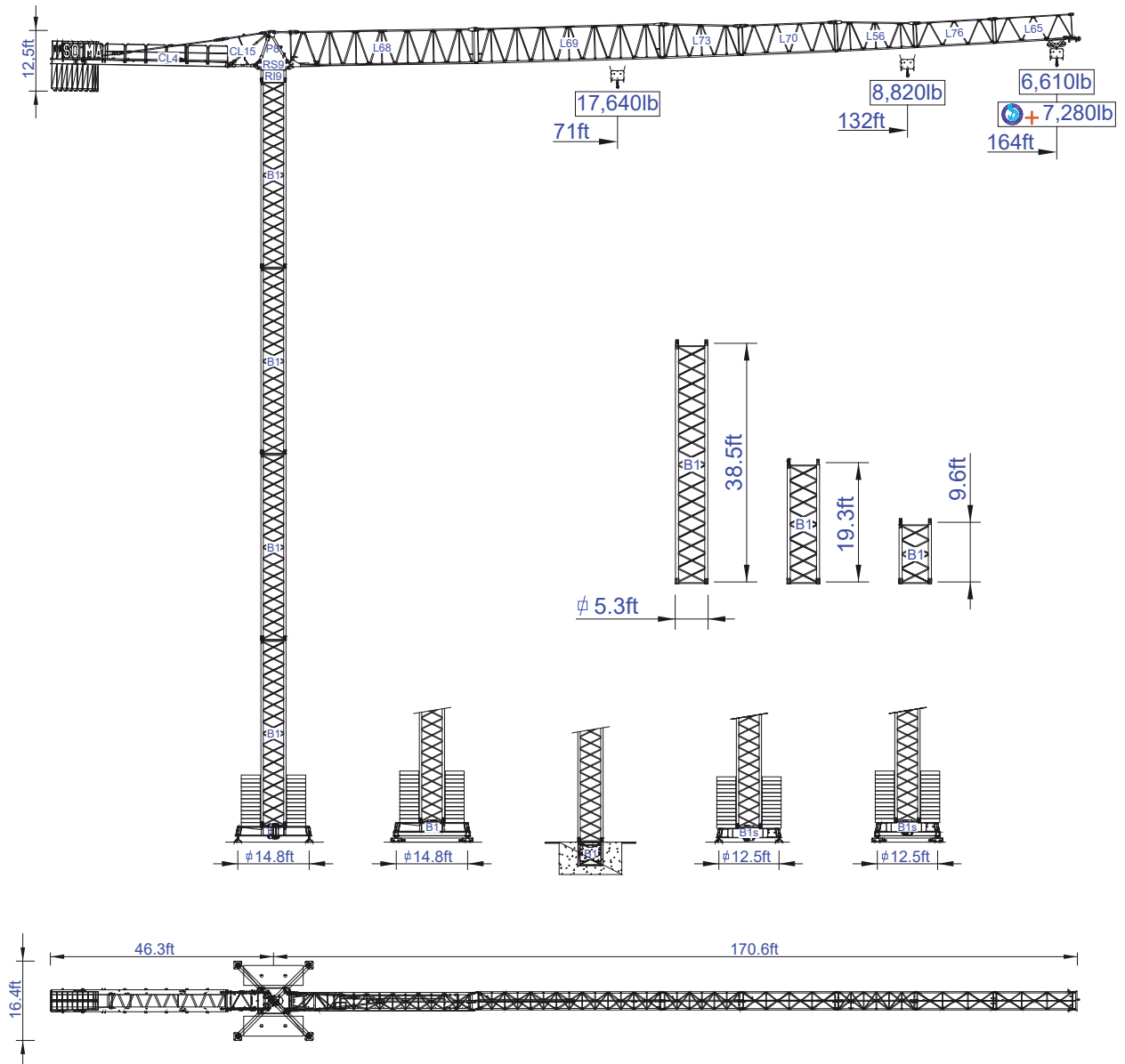
# STAFFORD SOIMA

## TOWER CRANES

# SGT 5030TL

Data Sheet

Imperial



### Headquarters

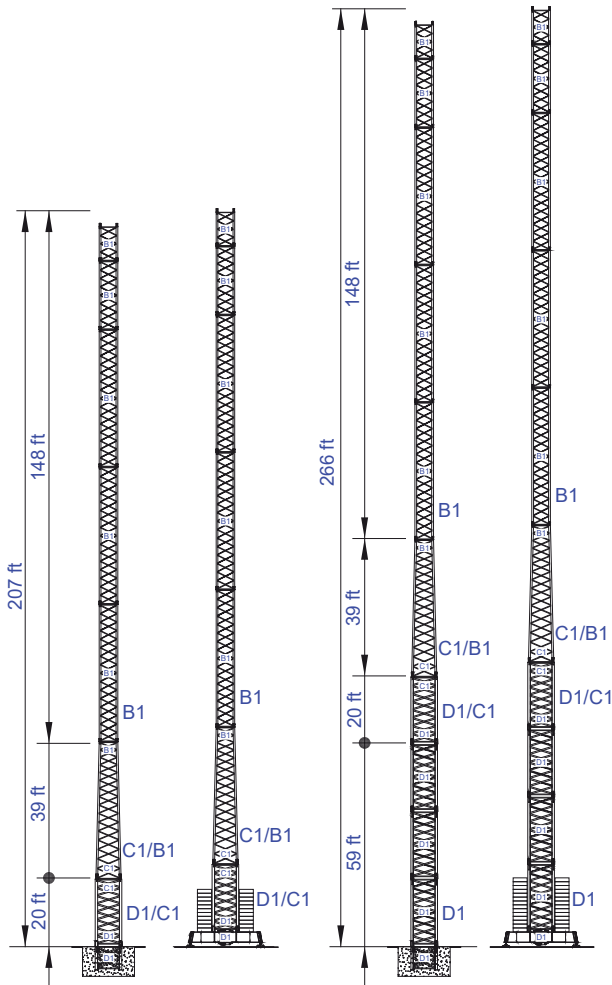
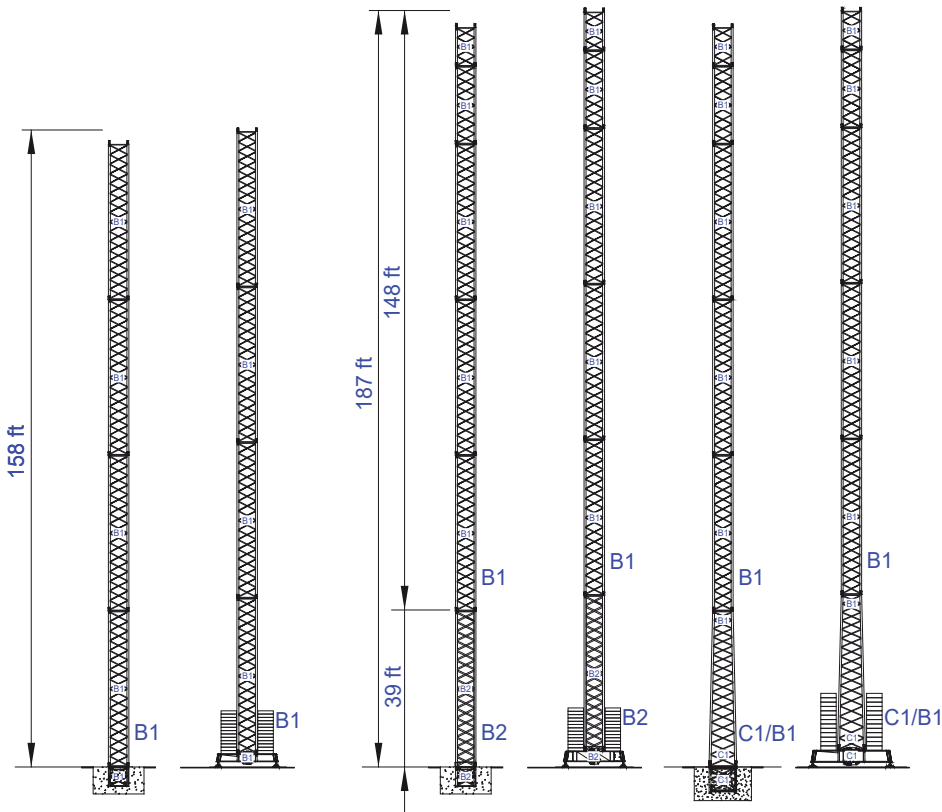
3620 S. 40th Street, Phoenix, AZ, 85040 USA  
+1 (480) 993 3302

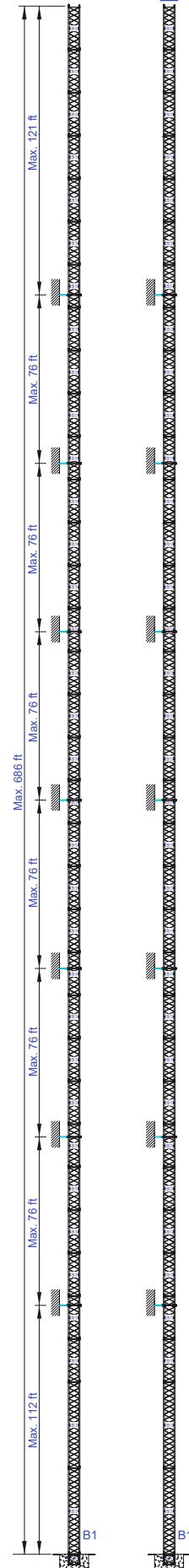
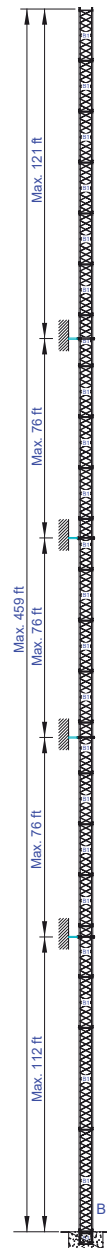
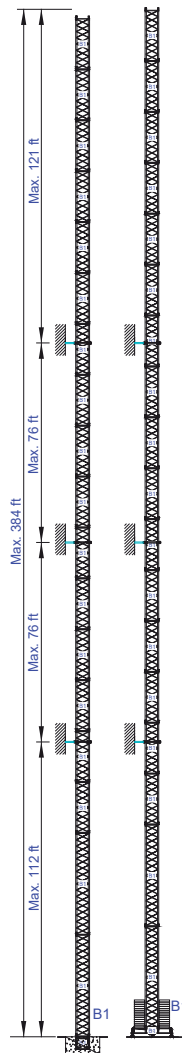
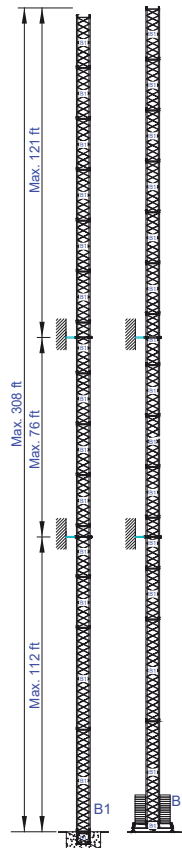
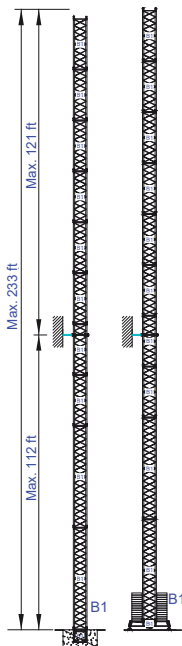
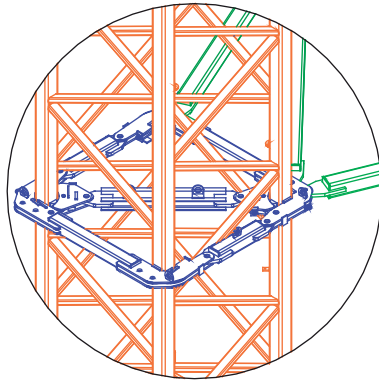
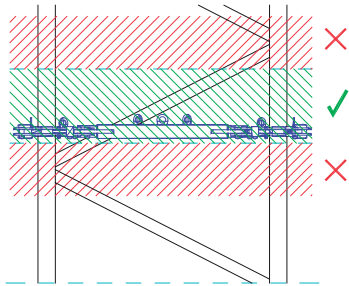
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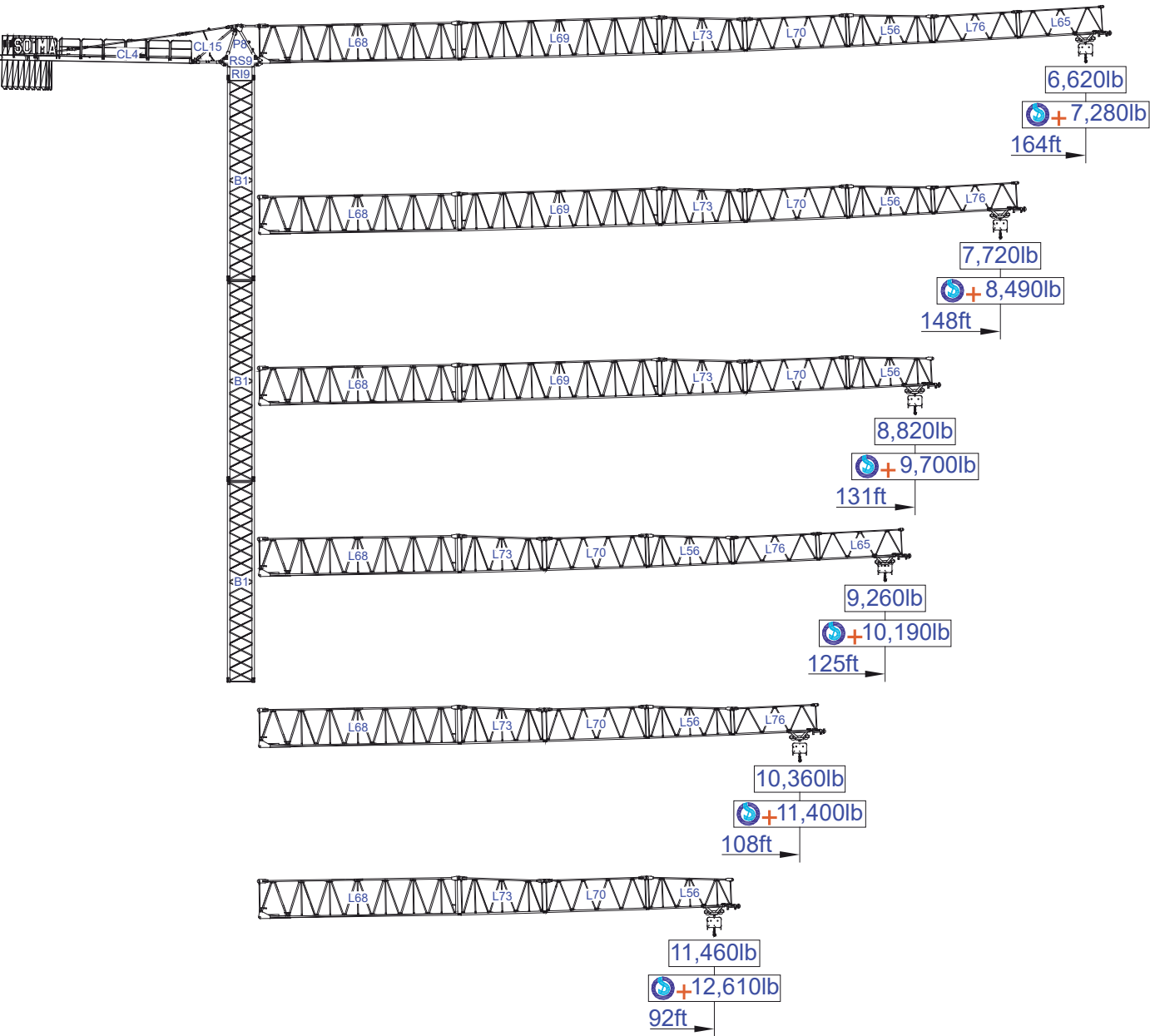
Zona Industrial de Canas de Senhorim - EN 234, 3525-040 Canas de Senhorim - Portugal  
+351 232 673 530 info@staffordsoima.com  
staffordsoima.com



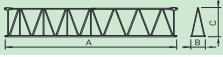
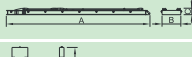
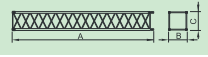
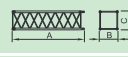
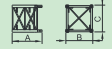
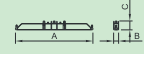
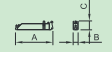
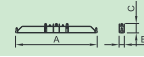
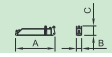
Empresa certificada no âmbito  
de Conceção e Fabrico de Gruas Soima



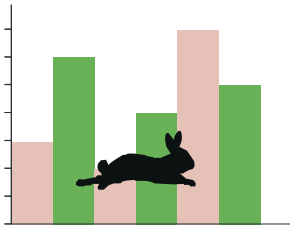


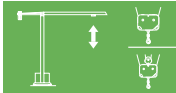


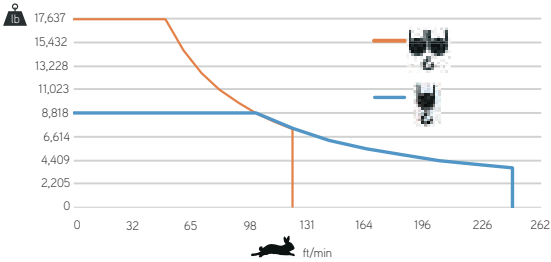
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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                   |                                                                                   | 17,640lb                                                                          | 8,820lb                                                                           | 33                                                                                  | 49                                                                                  | 59     | 75     | 92     | 108    | 125    | 131   | 148   | 164   |                                                                                       |                                                                                       |
| 164                                                                               | 39,683lb<br>8x4,409lb +<br>2x2,204lb                                              | 71.2                                                                              | 131.9                                                                             | 17,640                                                                              | 17,640                                                                              | 17,640 | 16,090 | 8,820  | 8,820  | 8,820  | 8,600 | 7,500 | 6,610 |                                                                                       |                                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   | 17,640                                                                              | 17,640                                                                              | 17,640 | 17,640 | 8,820  | 8,820  | 8,820  | 8,820 | 8,160 | 7,280 |    |    |
| 148                                                                               | 39,683lb<br>8x4,409lb +<br>2x2,204lb                                              | 72.8                                                                              | 134.8                                                                             | 17,640                                                                              | 17,640                                                                              | 17,640 | 16,530 | 8,820  | 8,820  | 8,820  | 8,820 | 7,720 |       |                                                                                       |                                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   | 17,640                                                                              | 17,640                                                                              | 17,640 | 17,640 | 8,820  | 8,820  | 8,820  | 8,820 | 8,600 |       |    |    |
| 131                                                                               | 35,274lb<br>7x4,409lb +<br>2x2,204lb                                              | 72.8                                                                              | 131.2                                                                             | 17,640                                                                              | 17,640                                                                              | 17,640 | 16,530 | 8,820  | 8,820  | 8,820  | 8,820 |       |       |                                                                                       |                                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   | 17,640                                                                              | 17,640                                                                              | 17,640 | 17,640 | 8,820  | 8,820  | 8,820  | 8,820 |       |       |  |  |
| 125                                                                               | 28,660lb<br>6x4,409lb +<br>1x2,204lb                                              | 72.5                                                                              | 124.7                                                                             | 17,640                                                                              | 17,640                                                                              | 17,640 | 16,310 | 13,230 | 10,800 | 9,260  |       |       |       |                                                                                       |                                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   | 17,640                                                                              | 17,640                                                                              | 17,640 | 17,640 | 14,550 | 11,900 | 10,140 |       |       |       |  |  |
| 108                                                                               | 26,455lb<br>5x4,409lb +<br>2x2,204lb                                              | 69.9                                                                              | 108.3                                                                             | 17,640                                                                              | 17,640                                                                              | 17,640 | 15,650 | 12,570 | 10,360 |        |       |       |       |                                                                                       |                                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   | 17,640                                                                              | 17,640                                                                              | 17,640 | 17,200 | 13,890 | 11,460 |        |       |       |       |  |  |
| 92                                                                                | 22,046lb<br>4x4,409lb +<br>2x2,204lb                                              | 65.3                                                                              | 91.9                                                                              | 17,640                                                                              | 17,640                                                                              | 17,640 | 14,330 | 11,460 |        |        |       |       |       |                                                                                       |                                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   | 17,640                                                                              | 17,640                                                                              | 17,640 | 15,870 | 12,570 |        |        |       |       |       |   |  |
|                                                                                   |                                                                                   | ft                                                                                |                                                                                   |  |  |        |        |        |        |        |       |       |       |                                                                                       |                                                                                       |

|                        |                                                                                     |            | A (ft) | B (ft) | C (ft) | lb (±5%)          |
|------------------------|-------------------------------------------------------------------------------------|------------|--------|--------|--------|-------------------|
| Jib                    |    | L68        | 39.30  | 6.20   | 9.50   | 11,130            |
|                        |    | L69        | 39.20  | 3.80   | 7.40   | 3,640             |
|                        |    | L73        | 17.20  | 3.80   | 7.40   | 1,650             |
|                        |    | L70        | 20.30  | 3.80   | 6.40   | 1,500             |
|                        |    | L56        | 17.10  | 3.80   | 6.30   | 1,300             |
|                        |    | L76        | 17.00  | 3.80   | 5.30   | 820               |
|                        |    | L65        | 16.80  | 3.80   | 5.30   | 730               |
| Head turntable         |    | RS9<br>RI9 | 8.20   | 5.60   | 6.40   | 10,250            |
|                        |    | P8         | 7.30   | 4.30   | 2.70   | 1,830             |
| Counter-jib            |   | CL15       | 11.20  | 4.30   | 1.30   | 1,320             |
|                        |  | CL4        | 37.40  | 4.90   | 1.60   | 8,820             |
| Counterweight          |  | CP2        | 3.80   | 1.10   | 10.30  | 8x4,410<br>35,270 |
|                        |  | CP3        | 3.80   | 0.50   | 10.30  | 2x2,200<br>4,410  |
|                        |                                                                                     |            |        |        |        |                   |
| Tower section / torre  |  | B1         | 39.40  | 5.30   | 5.30   | 7,610             |
|                        |  | B1         | 20.10  | 5.30   | 5.30   | 3,970             |
|                        |  | B1         | 10.50  | 5.30   | 5.30   | 2,360             |
| Climbing tower section |  | B1         | 10.50  | 6.00   | 6.00   | 2,430             |
|                        |  | B1         | 5.80   | 5.20   | 5.20   | 1,430             |
|                        |                                                                                     |            |        |        |        |                   |
| Base Chassis           |  | B1         | 21.70  | 1.60   | 3.40   | 4,830             |
|                        |  |            | 10.20  | 1.10   | 3.40   | 2x2,160<br>4,320  |
| TOTAL                  |                                                                                     |            |        |        |        | 9,150             |
|                        |                                                                                     |            |        |        |        |                   |
| Base Chassis           |  | B1s        | 18.40  | 1.60   | 3.40   | 3,970             |
|                        |  |            | 8.90   | 1.10   | 3.40   | 2x1,984<br>3,960  |
| TOTAL                  |                                                                                     |            |        |        |        | 7,930             |

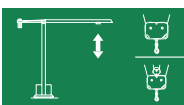
|                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                                                                                   |  |  |
|  | 0 a 1 r.p.m.                                                                      | 2x37 ft/lbf                                                                       |
|  | 0 a 196 ft/min                                                                    | 5,5 kW                                                                            |
|  | 0 a 32 ft/min                                                                     | 2x4 kW                                                                            |

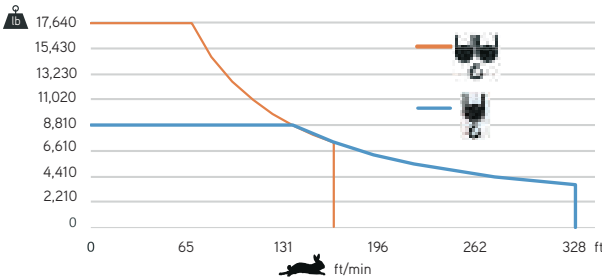


|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                     |  |  |
|   | 0 a 246 ft/min                                                                      | 22 kW                                                                               |
|  | 0 a 123 ft/min                                                                      |                                                                                     |



|                                                                                      |                        |
|--------------------------------------------------------------------------------------|------------------------|
|  | 48 kVA                 |
|                                                                                      | 400 V +- 5% (50/60 Hz) |

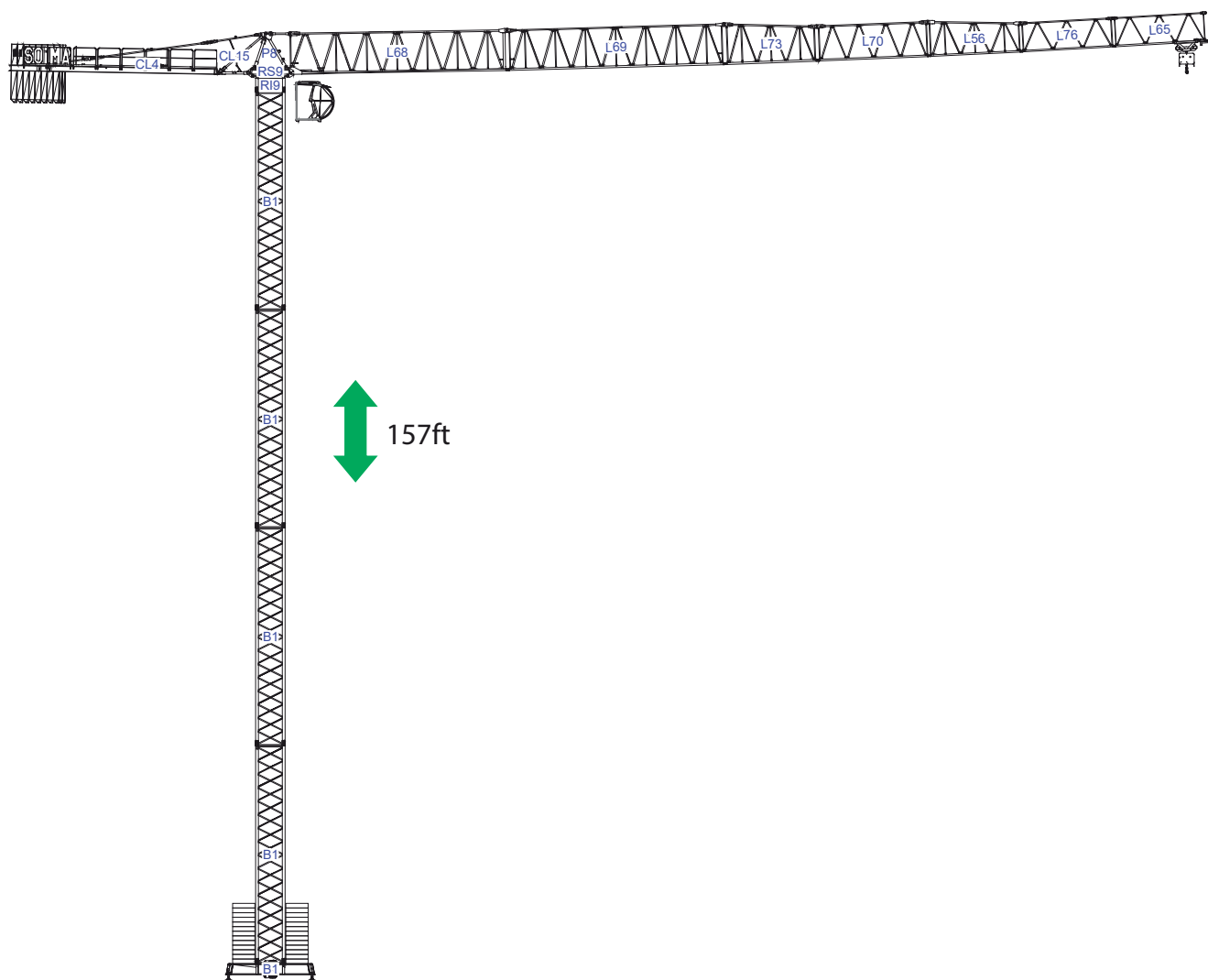
|                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                       |  |  |
|   | 0 a 330 ft/min                                                                        | 30 kW                                                                                 |
|  | 0 a 165 ft/min                                                                        |                                                                                       |



|                                                                                      |                        |
|--------------------------------------------------------------------------------------|------------------------|
|  | 58 kVA                 |
|                                                                                      | 400 V +- 5% (50/60 Hz) |

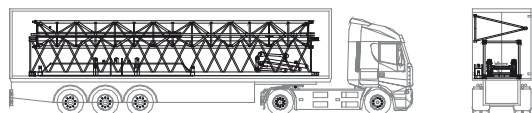
Max height of hoist

 (H)Max. 177ft  
 (H)Max. 354ft + 

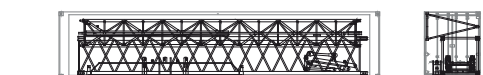




1

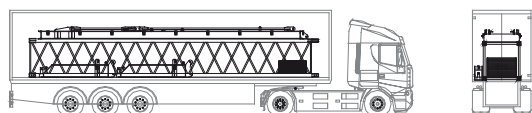


B1-L69-CH.B1-P8

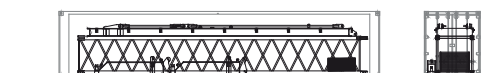


B1-L69-CH.B1-P8

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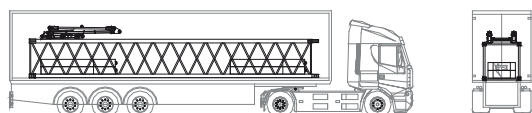


1xB1-CL4-2xCH.B1

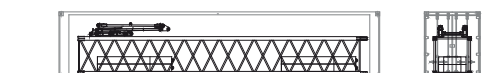


1xB1-CL4-2xCH.B1

3

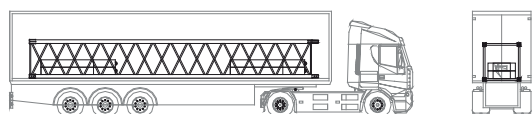


D1-4xCP2-CL15

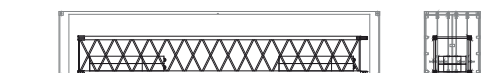


D1-4xCP2-CL15

4



B1-4xCP2



B1-4xCP2

5

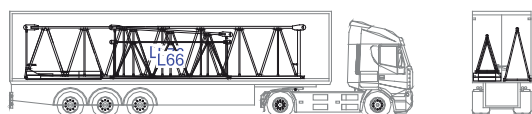


L70-L65-L76-CB1-RS9-RI9-TP1



L70-L65-L76-CB1-RS9-RI9-TP1

6



L68-L73-L56-2xCP3



L68-L73-L56-2xCP3

