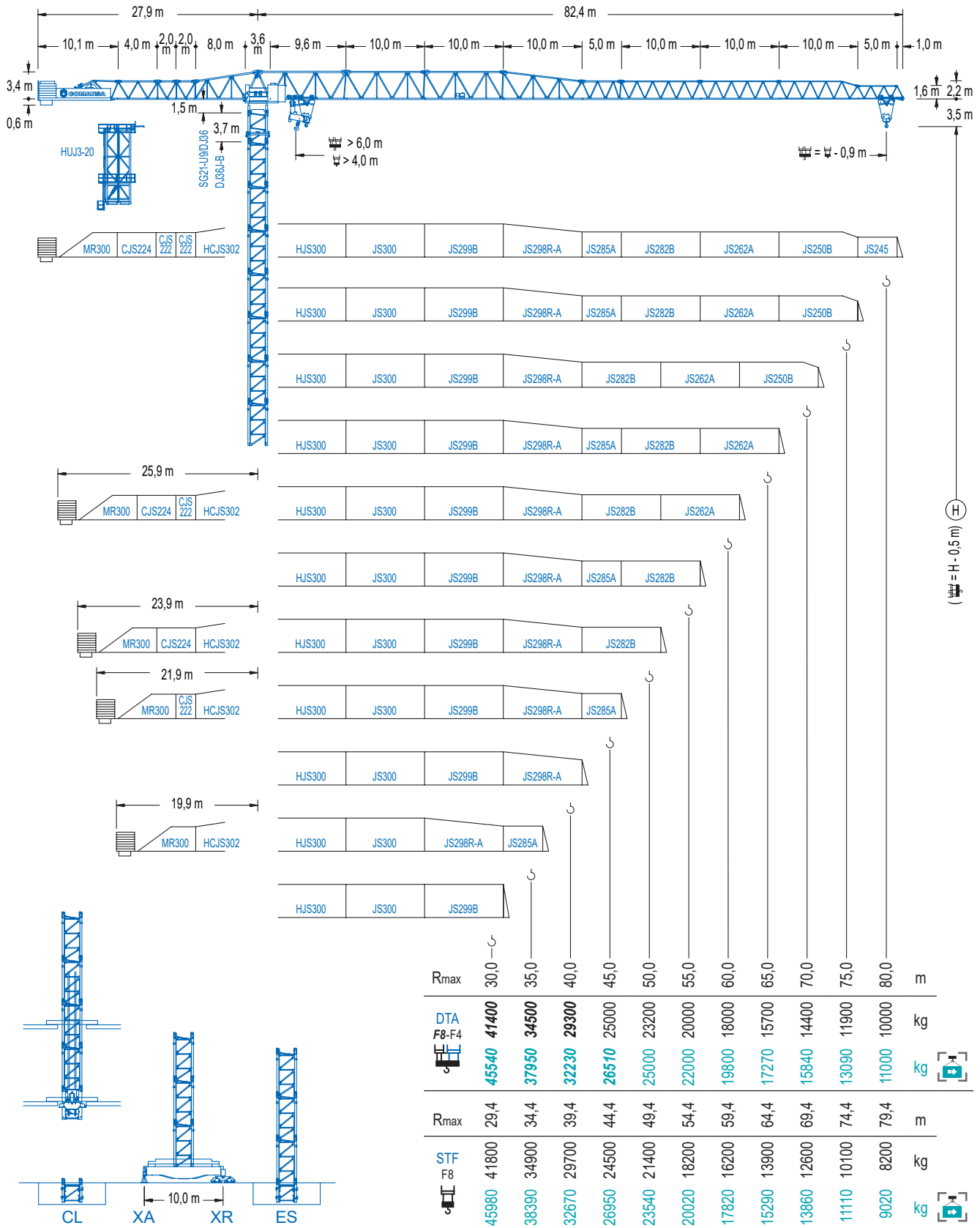


## 2100 Series

## 21CM1100

50,0 t



2100 Series

DTA Double Trolley Automatic SR/DR.  
STF Simple Trolley without SR/DR.

EN 14439

CM-DS-202209-029

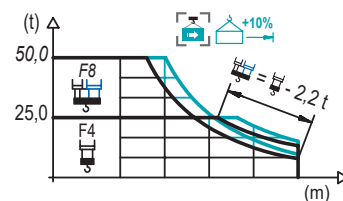
21CM1100 50,0 t



## LOAD CHART

DTA

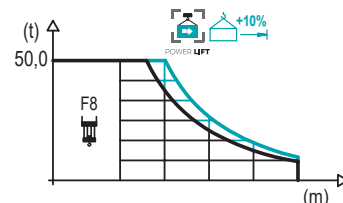
| R    | 50,0 t<br>F8 | 25,0 t<br>F4               | 15,0           | 20,0           | 25,0           | 30,0           | 35,0           | 40,0           | 45,0           | 50,0           | 55,0           | 60,0           | 65,0           | 70,0           | 75,0           | 80,0           | ↔(m)<br>↓(kg) |
|------|--------------|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 80,0 | 18,4<br>19,8 | 32,8   35,9<br>35,5   38,9 | 50000<br>50000 | 45230<br>49480 | 34690<br>38020 | 27880<br>30620 | 25000<br>25450 | 22170<br>24210 | 19410<br>21220 | 17230<br>18860 | 15460<br>16930 | 13990<br>15340 | 12760<br>14000 | 11700<br>12850 | 10790<br>11860 | 10000<br>11000 |               |
| 75,0 | 19,9<br>21,5 | 35,6   39,0<br>38,6   42,3 | 50000          | 49610<br>50000 | 38120<br>41830 | 30700<br>33750 | 25520<br>28110 | 24290<br>25000 | 21290<br>23300 | 18910<br>20720 | 16980<br>18620 | 15380<br>16880 | 14040<br>15420 | 12890<br>14170 | 11900<br>13090 |                |               |
| 70,0 | 21,8<br>23,6 | 39,1   42,8<br>42,5   46,5 |                | 50000<br>50000 | 42470<br>46650 | 34290<br>37720 | 28560<br>31480 | 25000<br>26870 | 23670<br>25000 | 21050<br>23080 | 18920<br>20760 | 17150<br>18840 | 15670<br>17220 | 14400<br>15840 |                |                |               |
| 65,0 | 21,8<br>23,6 | 39,2   42,8<br>42,6   46,7 |                | 50000<br>50000 | 42530<br>46740 | 34330<br>37800 | 28600<br>31550 | 25000<br>26930 | 23720<br>25000 | 21090<br>23150 | 18960<br>20820 | 17190<br>18890 | 15700<br>17270 |                |                |                |               |
| 60,0 | 22,6<br>24,5 | 40,8   44,7<br>44,3   48,6 |                | 50000<br>50000 | 44500<br>48940 | 35950<br>39600 | 29980<br>33080 | 25560<br>28260 | 24810<br>25000 | 22070<br>24240 | 19840<br>21810 | 18000<br>19800 |                |                |                |                |               |
| 55,0 | 22,8<br>24,7 | 41,0   45,0<br>44,6   49,0 |                | 50000<br>50000 | 44800<br>49300 | 36200<br>39900 | 30180<br>33330 | 25750<br>28480 | 25000<br>25000 | 22400<br>24450 | 20000<br>22000 |                |                |                |                |                |               |
| 50,0 | 23,6<br>25,4 | 42,5   46,7<br>45,9   50,0 |                | 50000          | 46680<br>50000 | 37740<br>41270 | 31500<br>34490 | 26890<br>29490 | 25000<br>25650 | 23200<br>25000 |                |                |                |                |                |                |               |
| 45,0 | 23,7<br>25,6 | 42,7   45,0<br>44,1        |                | 50000          | 47000<br>50000 | 38010<br>41620 | 31730<br>34800 | 27090<br>29760 | 25000<br>26510 |                |                |                |                |                |                |                |               |
| 40,0 | 24,7<br>26,8 | 39,1  <br>39,1             |                | 50000          | 49360<br>50000 | 39950<br>43830 | 33380<br>36670 | 29300<br>32230 |                |                |                |                |                |                |                |                |               |
| 35,0 | 24,8<br>26,9 | 34,1  <br>34,1             |                | 50000          | 49490<br>50000 | 40060<br>44010 | 34500<br>37950 |                |                |                |                |                |                |                |                |                |               |
| 30,0 | 24,7<br>26,8 | 29,1  <br>29,1             |                | 50000          | 49370<br>50000 | 41400<br>45540 |                |                |                |                |                |                |                |                |                |                |               |



## LOAD CHART

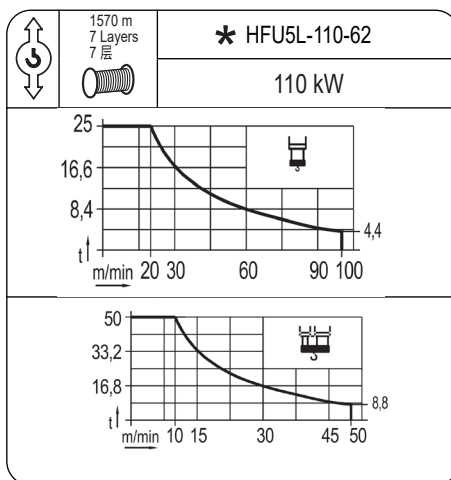
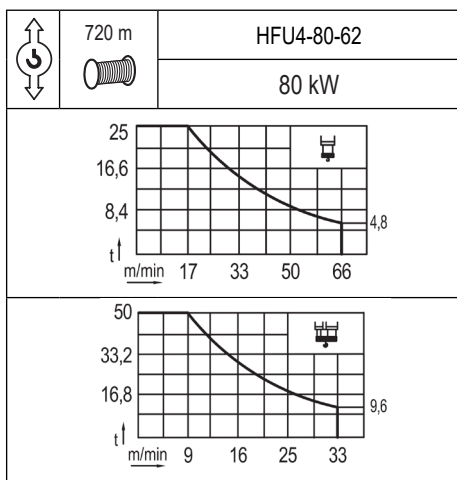
STF

| R    | 50,0 t<br>F8 | 15,0           | 20,0           | 25,0           | 29,4           | 34,4           | 39,4           | 44,4           | 49,4           | 54,4           | 59,4           | 64,4           | 69,4           | 74,4           | 79,4         | ↔(m)<br>↓(kg) |
|------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|---------------|
| 79,4 | 18,4<br>19,6 | 50000<br>50000 | 45270<br>48760 | 34840<br>37580 | 28780<br>31090 | 23880<br>25840 | 20290<br>21980 | 17540<br>19030 | 15360<br>16700 | 13600<br>14810 | 12150<br>13250 | 10920<br>11940 | 9880<br>10820  | 8980<br>9860   | 8200<br>9020 |               |
| 74,4 | 19,9<br>21,3 |                | 49720<br>50000 | 38330<br>41490 | 31720<br>34380 | 26370<br>28620 | 22450<br>24400 | 19440<br>21160 | 17070<br>18610 | 15140<br>16540 | 13560<br>14830 | 12220<br>13390 | 11080<br>12170 | 10100<br>11110 |              |               |
| 69,4 | 21,8<br>23,4 |                | 50000<br>50000 | 42760<br>46420 | 35440<br>38520 | 29520<br>32130 | 25180<br>27440 | 21850<br>23850 | 19220<br>21010 | 17100<br>18720 | 15340<br>16820 | 13860<br>15220 | 12600<br>13860 |                |              |               |
| 64,4 | 21,9<br>23,5 |                | 50000<br>50000 | 42860<br>46610 | 35530<br>38680 | 29600<br>32270 | 25240<br>27560 | 21910<br>23950 | 19280<br>21100 | 17140<br>18800 | 15380<br>16890 | 13900<br>15290 |                |                |              |               |
| 59,4 | 22,8<br>24,5 |                | 50000<br>50000 | 44900<br>48920 | 37240<br>40620 | 31040<br>33910 | 26500<br>28980 | 23020<br>25210 | 20270<br>22230 | 18040<br>19810 | 16200<br>17820 |                |                |                |              |               |
| 54,4 | 22,9<br>24,7 |                | 50000<br>50000 | 45260<br>49380 | 37540<br>41010 | 31300<br>34240 | 26720<br>29270 | 23210<br>25460 | 20440<br>22460 | 18200<br>20020 |                |                |                |                |              |               |
| 49,4 | 23,8<br>25,7 |                | 50000          | 47220<br>50000 | 39190<br>42880 | 32700<br>35820 | 27930<br>30640 | 24280<br>26670 | 21400<br>23540 |                |                |                |                |                |              |               |
| 44,4 | 24,0<br>25,9 |                | 50000          | 47620<br>50000 | 39530<br>43310 | 32980<br>36180 | 28180<br>30950 | 24500<br>26950 |                |                |                |                |                |                |              |               |
| 39,4 | 25,0<br>27,1 |                |                | 50000<br>50000 | 41600<br>45650 | 34740<br>38160 | 29700<br>32670 |                |                |                |                |                |                |                |              |               |
| 34,4 | 25,1<br>27,3 |                |                | 50000<br>50000 | 41790<br>45910 | 34900<br>38390 |                |                |                |                |                |                |                |                |              |               |
| 29,4 | 25,1<br>27,3 |                |                | 50000<br>50000 | 41800<br>45980 |                |                |                |                |                |                |                |                |                |              |               |

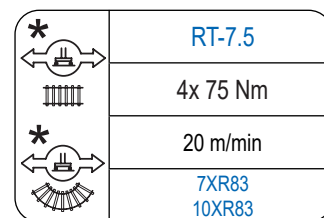
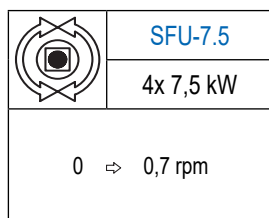
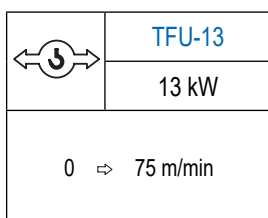


Valid data up to 100 m HUH. Additional heights on request

## MECHANISMS



For mechanisms with high drum capacity, request loads.



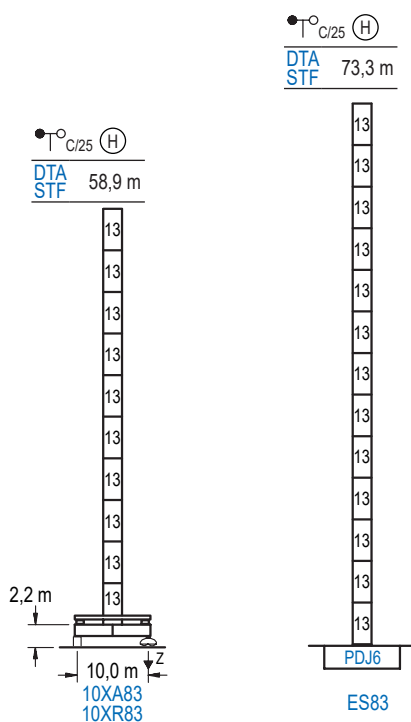
| Hoist        | Trolley | Slewing      | Travel      | Operating voltage      | Required power |
|--------------|---------|--------------|-------------|------------------------|----------------|
| HFU4-80-62   | TFU-13  | (4x) SFU-7.5 | (4x) RT-7.5 | 400 V<br>3 ph<br>50 Hz | 114 kVA        |
| HFU5L-110-62 |         |              |             |                        | 144 kVA        |

Optional

\*

## HEIGHTS UNDER HOOK

Ø 2,5 m

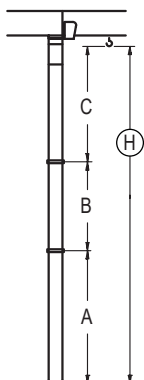


| n° | Ref.  | Ø (m) | h (m) |
|----|-------|-------|-------|
| 13 | DJ36B | 2,5   | 5,5   |

Other wind zones or additional hook heights on request

## BRACED CRANE

Ø 2,5 m



DTA STF (H) C/25 10XA83

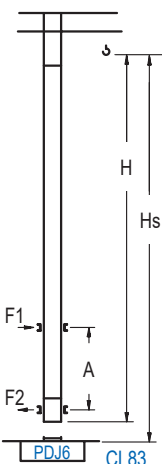
|       |       |
|-------|-------|
| A max | 46,2  |
| A min | 40,7  |
| B max | 49,5  |
| B min | 38,5  |
| C max | 62,2  |
| H max | 108,4 |

DTA STF (H) C/25 ES83

|       |       |
|-------|-------|
| A max | 60,6  |
| A min | 38,6  |
| B max | 49,5  |
| B min | 38,5  |
| C max | 62,2  |
| H max | 122,8 |

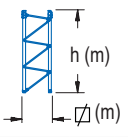
## INTERNAL CLIMBING CRANE

Ø 2,5 m



DTA STF (H) C/25

|                                            | Hs < 400 m |           |
|--------------------------------------------|------------|-----------|
|                                            | A max (m)  | A min (m) |
| 60,5 m<br>6x DJ36B + 4x DJ36A + CLDJ36A-28 | 21,9       | 9,0       |
| 55,0 m<br>5x DJ36B + 4x DJ36A + CLDJ36A-28 | 19,1       | 9,0       |
| 49,5 m<br>4x DJ36B + 4x DJ36A + CLDJ36A-28 | 16,4       | 9,0       |



| Ref.       | Ø   | h   |
|------------|-----|-----|
| DJ36B      | 2,5 | 5,5 |
| DJ36A      | 2,5 | 5,5 |
| CLDJ36A-28 | 2,5 | 3,8 |

Other wind zones or additional hook heights on request