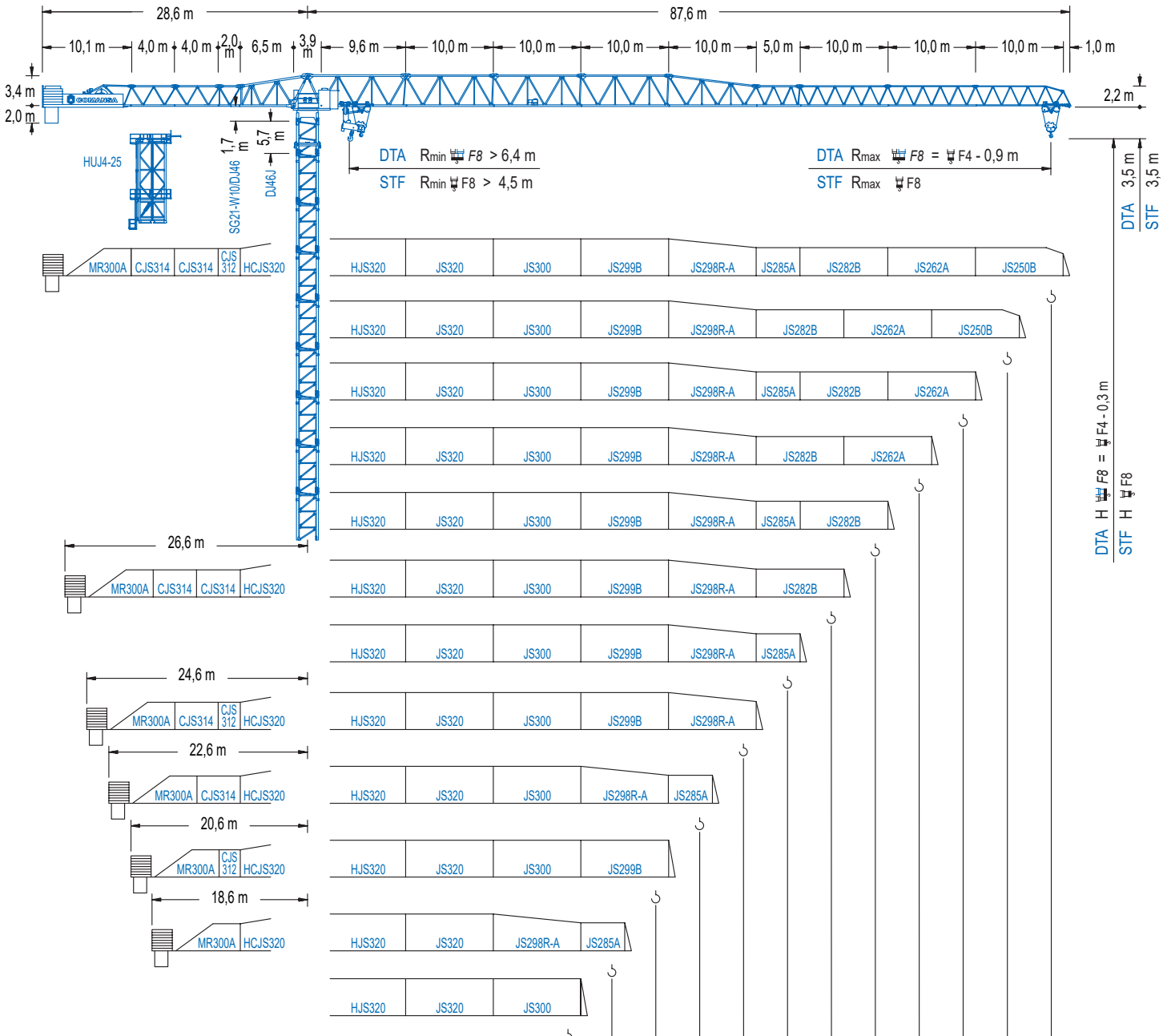
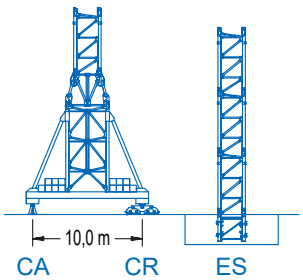
SKYLIFT Tower Cranes

COMANSA

2100 Series 21CM1480 66,0 t



Rmax	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	75,0	80,0	85,0	m
DTA F8/4	***52600***	***43900***	***37600***	33000	31100	28000	25400	20100	17900	13800	12400	8900	kg
	57860	***48290***	***41360***	***36080***	33000	30800	27940	21110	19690	15180	13640	9790	kg
Rmax	29,4	34,4	39,4	44,4	49,4	54,4	59,4	64,4	69,4	74,4	79,4	84,4	m
STF F8	52700	44000	37700	32900	29100	26000	23400	18100	15900	11800	10400	6900	kg
	57970	48400	41470	36190	32010	28600	25740	19910	17490	12980	11440	7590	kg



DTA Double Trolley Automatic Reeving Change /

STF Simple Trolley Fixed Reeving /

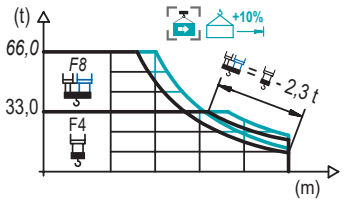
EN 14439

DOUBLE TROLLEY CUBE CAB POWER LIFT EFFI PLUS CRANE MATE

LOAD CHART / DTA

HFU5-110-82; HFUP6-132-82

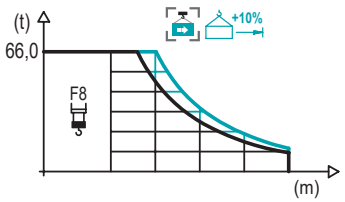
R	66,0 t	33,0 t		F8 15,0	F8 20,0	F8 25,0	F4 30,0	F4 35,0	F4 40,0	F4 45,0	F4 50,0	F4 55,0	F4 60,0	F4 65,0	F4 70,0	F4 75,0	F4 80,0	F4 85,0	⇦(m) ⇩(kg)
85,0	15,2 16,2	26,7 28,6	28,0 30,1	66000 66000	46980 51030	35750 38920	30510 33000	25570 27810	21930 23870	19140 20850	16920 18460	15130 16520	13640 14920	12400 13570	11330 12420	10410 11420	9610 10550	8900 9790	
80,0	18,2 19,5	32,3 34,9	34,2 37,0	66000 66000	58790 64090	45000 49150	36120 39530	32170 33000	27660 30210	24200 26450	21460 23480	19240 21070	17400 19070	15850 17390	14530 15960	13390 14720	12400 13640		
75,0	18,5 19,9	33,0 35,7	35,1 37,9	66000 66000	60260 65780	46150 50470	37070 40620	33000 33750	28440 31090	24890 27240	22080 24180	19800 21700	17910 19650	16320 17920	14970 16450	13800 15180			
70,0	21,3 23,0	38,2 41,3	40,7 44,2		66000 66000	54560 59780	43980 48270	36600 40240	33000 34320	29530 32360	26230 28770	23560 25860	21350 23450	19490 21420	17900 19690				
65,0	21,8 22,7	39,1 40,7	41,8 43,7		66000 66000	56070 58800	45220 47460	37660 39560	33000 33730	30420 31900	27040 28360	24290 25490	22010 23110	20100 21110					
60,0	24,5 26,5	44,1 47,9	47,4 51,6		66000	64310 66000	51990 57170	43400 47790	37070 40880	33000 35580	31130 33000	27990 30770	25400 27940						
55,0	24,4 26,5	44,0 47,9	47,5 51,7		66000	64140 66000	51860 57060	43290 47700	36970 40810	33000 35510	31130 33000	28000 30800							
50,0	24,3 26,2	43,8 47,4	47,4 50,0		66000	63870 66000	51630 56470	43100 47200	36800 40370	33000 35130	31100 33000								
45,0	24,3 26,3	43,9 44,1	45,0		66000	63900 66000	51650 56580	43110 47290	36820 40450	33000 36080									
40,0	24,2 26,2	39,1 39,1			66000	63470 66000	51300 56280	42820 47040	37600 41360										
35,0	24,0 26,0	34,1 34,1			66000	63060 66000	50960 55990	43900 48290											
30,0	23,9 26,0	29,1 29,1			66000	62730 66000	52600 57860												



LOAD CHART / STF

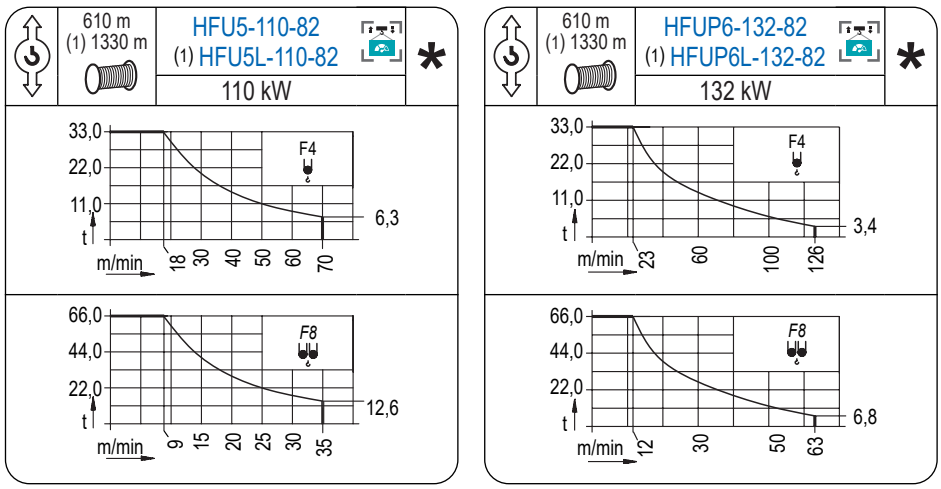
HFU5-110-82; HFUP6-132-82

R	66,0 t	F8 15,0	F8 20,0	F8 25,0	F8 29,4	F8 34,4	F8 39,4	F8 44,4	F8 49,4	F8 54,4	F8 59,4	F8 64,4	F8 69,4	F8 74,4	F8 79,4	F8 84,4	⇦(m) ⇩(kg)
84,4	15,1 15,9	66000 66000	46780 49930	35700 38170	29290 31360	24120 25870	20320 21840	17430 18770	15140 16340	13290 14380	11760 12750	10480 11390	9380 10230	8440 9230	7620 8360	6900 7590	
79,4	18,1 19,3	66000 66000	58700 63170	45040 48530	37130 40070	30750 33230	26070 28220	22500 24400	19680 21380	17390 18930	15510 16910	13920 15210	12580 13770	11410 12520	10400 11440		
74,4	18,5 19,7	66000 66000	60260 65000	46260 49970	38150 41270	31620 34250	26820 29110	23160 25170	20270 22070	17930 19560	16000 17480	14370 15740	12990 14260	11800 12980			
69,4	21,3 22,8		66000 66000	54770 59420	45300 49210	37660 40970	32060 34930	27780 30310	24400 26660	21670 23710	19410 21280	17520 19230	15900 17490				
64,4	21,8 23,5		66000 66000	56350 61260	46630 50750	38790 42270	33040 36060	28640 31300	25170 27560	22370 24520	20050 22020	18100 19910					
59,4	24,6 26,5		66000	64710 66000	53650 58550	44720 48870	38180 41770	33180 36350	29230 32070	26040 28600	23400 25740						
54,4	24,6 26,5		66000	64630 66000	53580 58550	44660 48860	38130 41770	33130 36340	29190 32060	26000 28600							
49,4	24,5 26,5		66000	64440 66000	53420 58450	44530 48790	38010 41700	33030 36280	29100 32010								
44,4	24,4 26,4		66000	64200 66000	53220 58310	44360 48660	37860 41590	32900 36190									
39,4	24,3 26,3		66000	63930 66000	53000 58140	44170 48520	37700 41470										
34,4	24,2 26,3		66000	63690 66000	52800 58000	44000 48400											
29,4	24,2 26,3		66000	63580 66000	52700 57970												



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

MECHANISMS /



(1)For mechanisms with high drum capacity, request loads./

TFU-13
13 kW
0 ⇨ 57 m/min

SFU-7.5
4x 7,5 kW
0 ⇨ 0,5 rpm

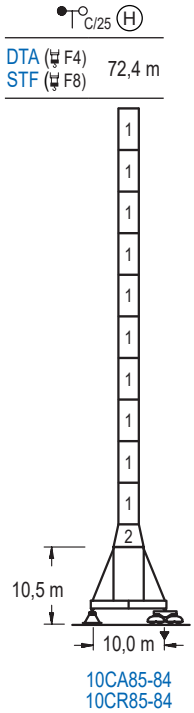
RT-12
4x 120 Nm
20 m/min
10CR

Hoist /	Trolley /	Slewing/	Travel /	Operating voltage /	Required power /
HFU5-110-82	TFU-13	(4x) SFU-7.5	(4x) RT-12	400 V 3 ph 50 Hz	144 kVA
HFU5L-110-82					144 kVA
HFUP6-132-82					166 kVA
HFUP6L-132-82					166 kVA

Optional /
*

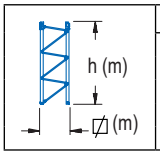
HEIGHTS UNDER HOOK /

⌀ 3,1 m

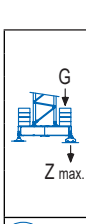


10CA85-84
10CR85-84

DTA H F8 = F4 - 0,3 m
STF H F8



nº	Ref.	⌀	h
1	DJ46	3,1	5,5
2	TDJ56DJ46	4,0	3,0



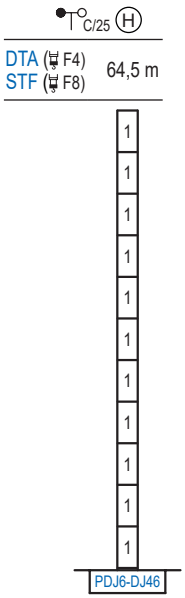
		G (t)	Z max (kN)
ES	10CA85-84 10CR85-84	120,0	2613
FS	10CA85-84 10CR85-84	120,0	2475

ES In operation / 工作状态 / En servicio / In Betrieb / При работе
FS Out of service / 非工作状态 / Fuera de servicio / Ausser Betrieb / В стационарном состоянии

Other wind zones , additional hook heights, tie frames or internal climbing on request /

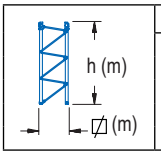
2100 Series

HEIGHTS UNDER HOOK / ⌀ 3,1 m



ES84

DTA H F8 = F4 - 0,3 m
STF H F8



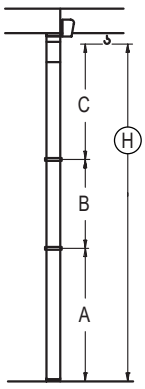
nº	Ref.	⌀	h
1	DJ46	3,1	5,5



		R1 (kN)	R2 (kN)
ES	ES84	-4662	2822
FS	ES84	-4292	2782

ES In operation / 工作状态 / En servicio / In Betrieb / При работе
FS Out of service / 非工作状态 / Fuera de servicio / Ausser Betrieb / В стационарном состоянии

BRACED CRANE / ⌀ 3,1 m



DTA (F4) H C/25 STF (F8)	10CA85-84	
A max A min	57,5 46,5	
B max B min	-	38,5 38,5
C max	53,4	53,4
H max	110,9	149,4

DTA (F4) H C/25 STF (F8)	ES84	
A max A min	49,6 44,1	
B max B min	-	38,5 38,5
C max	53,4	53,4
H max	103,0	141,5

Other wind zones , additional hook heights, tie frames or internal climbing on request /

Subject to modifications.