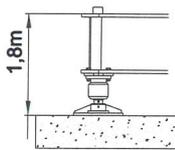
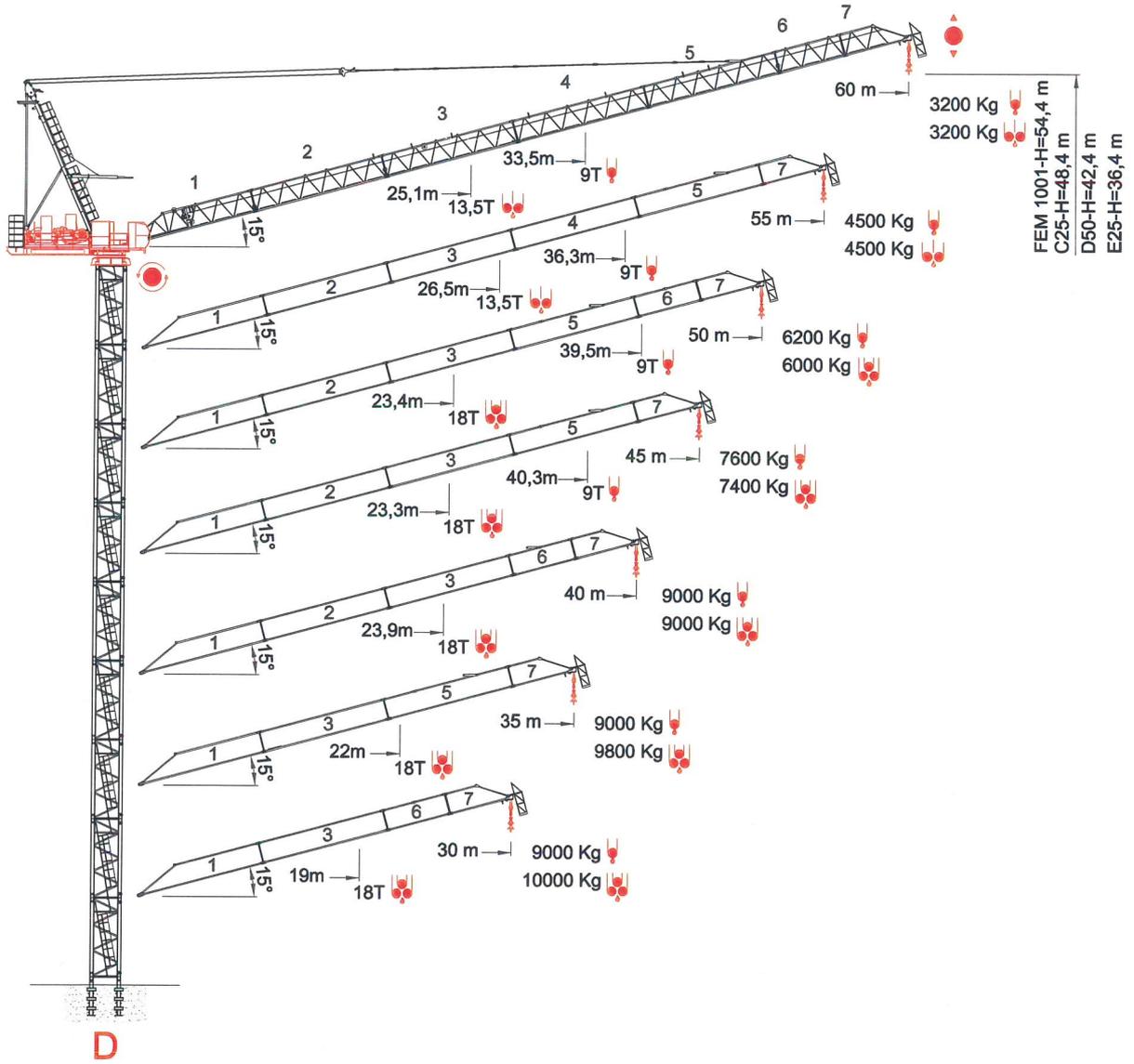


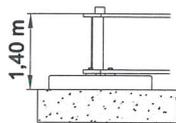


SL 320 W-Y-U

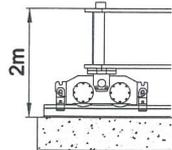
En servicio - In service
서비스중



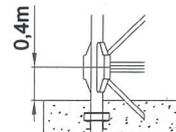
A(i)



B

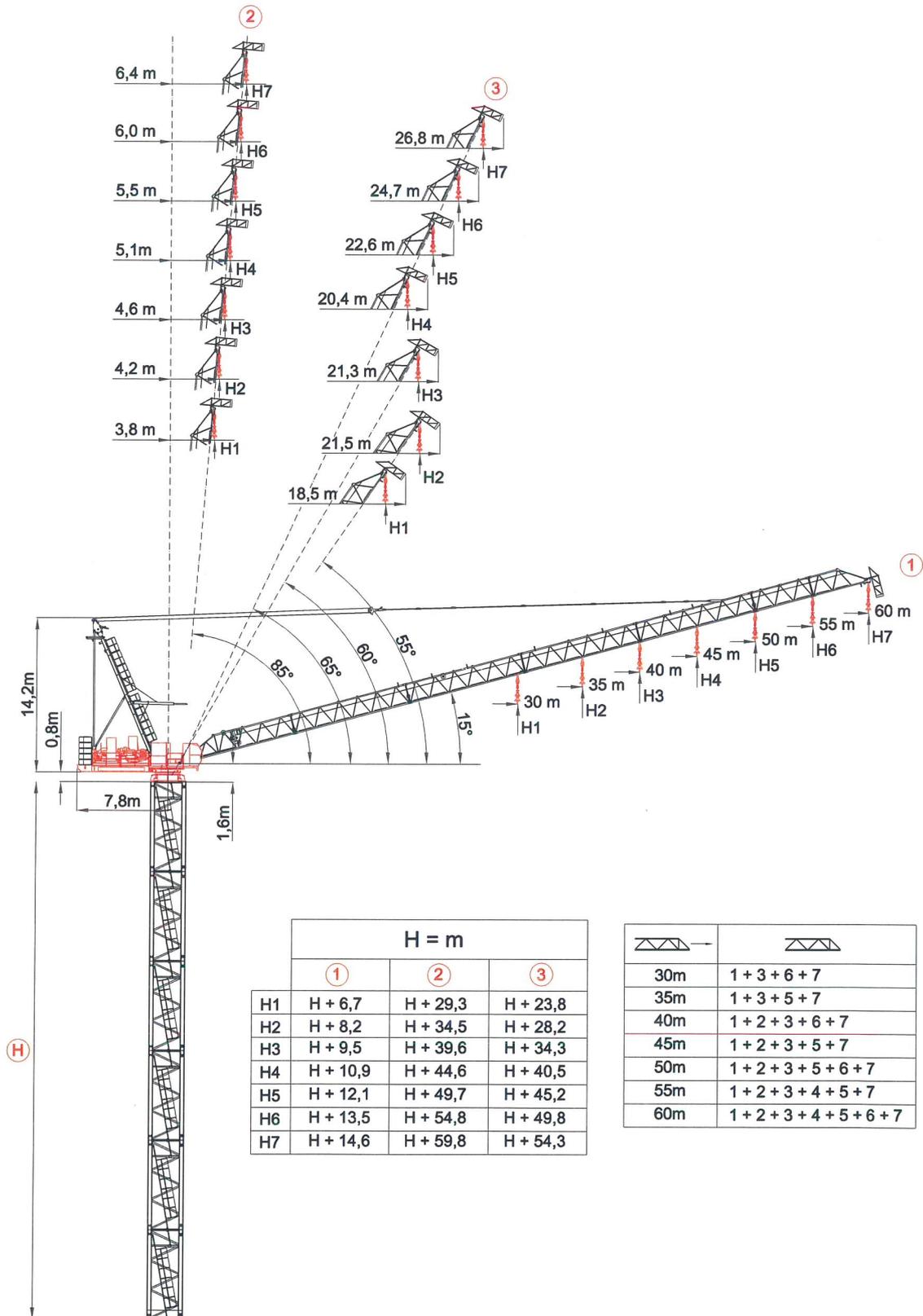


C(i)



D

(i) Consultamos - Consult us - 문의하십시오



- ① Pluma máxima - Maximum jib - 최대지브
- ② Pluma min. en servicio - Minimum jib (in service) - 서비스중인 최소 지브
- ③ Pluma min. fuera de servicio - Minimum jib (out of service) - 서비스아웃중인 최소 지브
- H Altura torre - Tower height - 타워높이

Curvas de cargas - Load diagrams - 부하곡선
60 m


10	15	20	25	30	34,4	35	40	45	50	55	60	m
9000	9000	9000	9000	9000	9000	8781	7101	5800	4764	3916	3200	Kg
10	15	20	25	30	33,5	35	40	45	50	55	60	m
9000	9000	9000	9000	9000	9000	8434	6798	5532	4523	3697	3000	Kg
10	15	20	25	25,9	30	35	40	45	50	55	60	m
13500	13500	13500	13500	13500	11051	8790	7106	5804	4766	3917	3200	Kg
10	15	20	25	25,1	30	35	40	45	50	55	60	m
13500	13500	13500	13500	13500	10893	8619	6927	5618	4574	3721	3000	Kg

55 m


10	15	20	25	30	35	36,3	40	45	50	55	m
9000	9000	9000	9000	9000	9000	9000	7844	6489	5407	4500	Kg
10	15	20	25	30	35	35,6	40	45	50	55	m
9000	9000	9000	9000	9000	9000	9000	7567	6243	5186	4300	Kg
10	15	20	25	27,4	30	35	40	45	50	55	m
13500	13500	13500	13500	13500	11957	9602	7848	6491	5408	4500	Kg
10	15	20	25	26,5	30	35	40	45	50	55	m
13500	13500	13500	13500	13500	11797	9429	7666	6302	5214	4300	Kg

50 m


10	15	20	25	30	35	39,5	40	45	50	m
9000	9000	9000	9000	9000	9000	9000	8861	7407	6200	Kg
10	15	20	25	30	35	38,3	40	45	50	m
9000	9000	9000	9000	9000	9000	9000	8609	7183	6000	Kg
10	15	20	25	29,5	30	35	40	45	50	m
13500	13500	13500	13500	13500	13270	10744	8864	7408	6200	Kg
10	15	20	25	28,8	30	35	40	45	50	m
13500	13500	13500	13500	13500	13098	10562	8674	7213	6000	Kg
10	15	20	23,4	25	30	35	40	45	50	m
18000	18000	18000	18000	16675	13090	10557	8672	7211	6000	Kg

45 m


10	15	20	25	30	35	40	40,3	45	m
9000	9000	9000	9000	9000	9000	9000	9000	7600	Kg
10	15	20	25	30	35	39,5	40	45	m
9000	9000	9000	9000	9000	9000	9000	8900	7400	Kg
10	15	20	25	29,9	30	35	40	45	m
13500	13500	13500	13500	13500	13523	11005	9128	7600	Kg
10	15	20	25	29,3	30	35	40	45	m
13500	13500	13500	13500	13500	13344	10817	8934	7400	Kg
10	15	20	23,3	25	30	35	40	45	m
18000	18000	18000	18000	16912	13338	10813	8932	7400	Kg

Curvas de cargas - Load diagrams - 부하곡선

40 m


10	15	20	25	30	33	35	40	m	
9000	9000	9000	9000	9000	9000	9000	9000	Kg	
10	15	20	25	30	33	35	40	m	
9000	9000	9000	9000	9000	9000	9000	9000	Kg	
10	15	20	25	29,4	30	35	40	m	
13500	13500	13500	13500	13500	13420	10953	9000	Kg	
10	15	20	25	29,9	30	35	40	m	
13500	13500	13500	13500	13500	13505	10991	9000	Kg	
10	15	20	23,9	25	30	35	40	m	
18000	18000	18000	18000	17056	13501	10989	9000	Kg	

35 m


10	15	18	20	25	30	35	m	
9000	9000	9000	9000	9000	9000	9000	Kg	
10	15	18	20	25	30	35	m	
9000	9000	9000	9000	9000	9000	9000	Kg	
10	15	20	25	27,9	30	35	m	
13500	13500	13500	13500	13500	12436	10000	Kg	
10	15	20	25	27,5	30	35	m	
13500	13500	13500	13500	13500	12243	9800	Kg	
10	15	20	22	25	30	35	m	
18000	18000	18000	18000	15456	12241	9800	Kg	

30 m


10	15	18	20	25	30	m	
9000	9000	9000	9000	9000	9000	Kg	
10	15	18	20	25	30	m	
9000	9000	9000	9000	9000	9000	Kg	
10	15	20	24,4	25	30	m	
13500	13500	13500	13500	13159	10200	Kg	
10	15	20	24,1	25	30	m	
13500	13500	13500	13500	12969	10000	Kg	
10	15	19	20	25	30	m	
18000	18000	18000	17137	12966	10000	Kg	

Mecanismos - Mechanisms - 장치

90 Hp (67Kw)-INV LEBUS 700m							
		H.B.G. 350m Ø16			H.B.G. 230m Ø16		
	m/min	0-36	0-120	0-159	0-24	0-80	0-106
	Kg	9000	2300	1450	13500	3450	2150
	Kw	67	67	67	67	67	67
							
		H.B.G. 175m Ø16			H.B.G. 175m Ø16		
		0-18	0-60	0-79	0-18	0-60	0-79
		18000	4600	2900	18000	4600	2900
		67	67	67	67	67	67

	Kw	
	45	2,7 min. de 15° a 85° 2,7 minutes from 15° to 85°
	*67	*1,7 min. de 15° a 85° *1,7 minutes from 15° to 85°
	r.p.m.	0-0,72
	Kw	2 x 10,8
	m/min	0-24
	Kw	2 x 10,8

	2000/14/CEE 2005/88/CEE		2006/95 /CEE	400 V 50 Hz 60 Hz	100m 4x95mm ²
450 kVA		150 KW			

-  Elevación / Hoisting / 호이스팅
-  Elevación de pluma / Luffing / 루핑
-  Orientación / Slewing / 선회
-  Traslacion / Travelling / 이동
-  Cable / Rope / 로프
-  Opcional / optional / 옵션

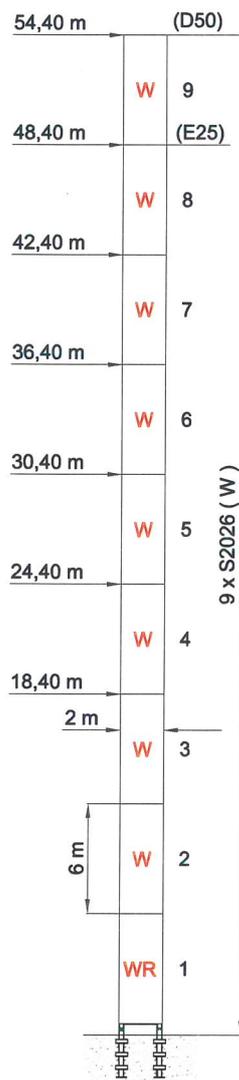
Bloque de contrapeso - Counterweight blocks - 균형추 블록

	60 m			55 m			50 m			45 m		
	A	B	C	A	B	C	A	B	C	A	B	C
	1	6	-	1	6	-	1	6	-	1	6	-
	33200 Kg			33200 Kg			33200 Kg			33200 Kg		

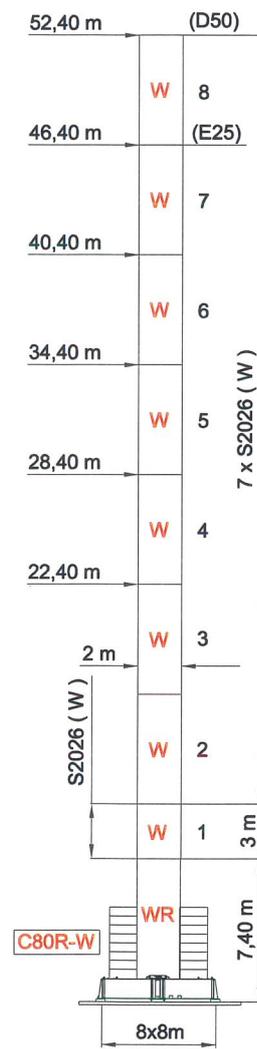
	40 m			35 m			30 m		
	A	B	C	A	B	C	A	B	C
	1	5	1	1	5	-	1	3	1
	30950 Kg			28700 Kg			21950 Kg		

FEM 1005-D50-E25 / EN 14439 – Mástil S2026 / Masts S2026 / 마스트 S2026

W = S2026 16/16 M52L
WR = S2026 24/16 M52L



D



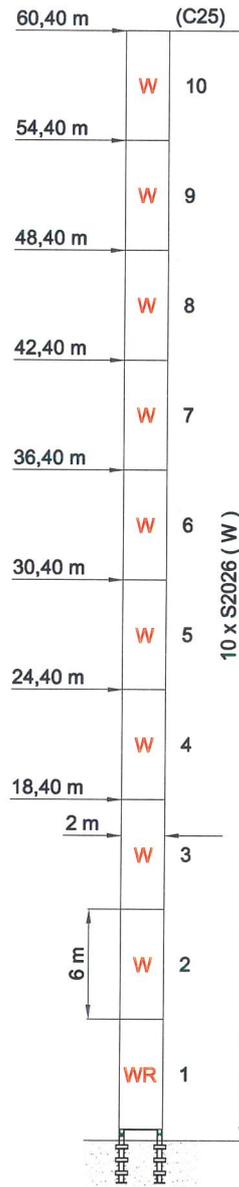
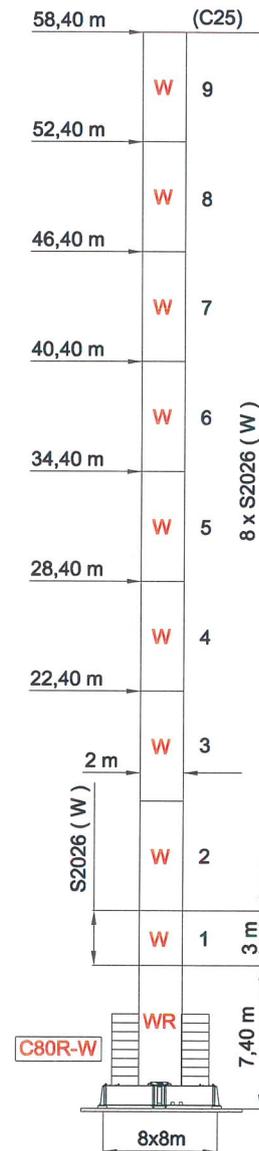
A-B

max. H(m)	max. H(m)	
	FEM 1005 E25	FEM 1005 D50
30	48,40	54,40
35	48,40	54,40
40	42,40	48,40
45	42,40	48,40
50	42,40	48,40
55	36,40	42,40
60	36,40	42,40

max. H(m)	max. H(m)	
	FEM 1005 E25	FEM 1005 D50
30	46,40	52,40
35	46,40	52,40
40	40,40	46,40
45	40,40	46,40
50	40,40	46,40
55	34,40	40,40
60	34,40	40,40

FEM 1001-C25 / EN 14439 – Mástil S2026 / Masts S2026 / 마스트 S2026

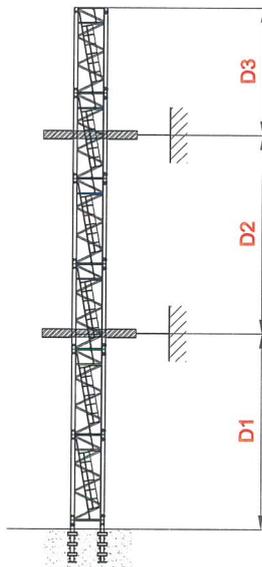
W = S2026 16/16 M52L
WR = S2026 24/16 M52L


D

A-B

— (m)	max. H(m)	
	FEM 1005 C25	FEM 1001
30	60,40	60,40
35	60,40	60,40
40	54,40	60,40
45	54,40	54,40
50	54,40	54,40
55	48,40	48,40
60	48,40	48,40

— (m)	max. H(m)	
	FEM 1005 C25	FEM 1001
30	58,40	58,40
35	58,40	58,40
40	52,40	58,40
45	52,40	52,40
50	52,40	52,40
55	46,40	46,40
60	46,40	46,40

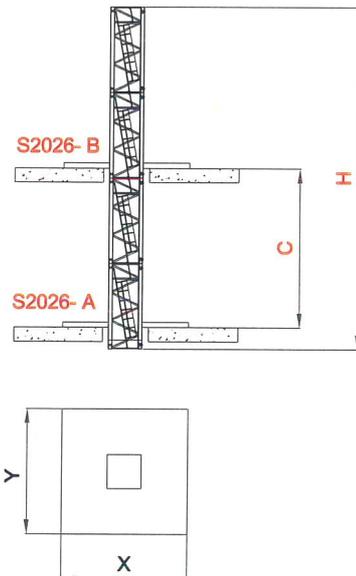
TREPADO EXTERNO / EXTERNAL CLIMBING / 외부클라이밍



"W"
S 20 26

	D1 min/max	D2 min/max	D3 max
30m	34m/40m	24m/28m	30
35m	34m/40m	24m/28m	30
40m	28m/34m	24m/28m	30
45m	28m/34m	24m/28m	30
50m	28m/34m	24m/28m	30
55m	24m/28m	24m/28m	30
60m	24m/28m	24m/28m	30

TREPADO INTERNO / BOTTOM CLIMBING CRANE / 내부 클라이밍

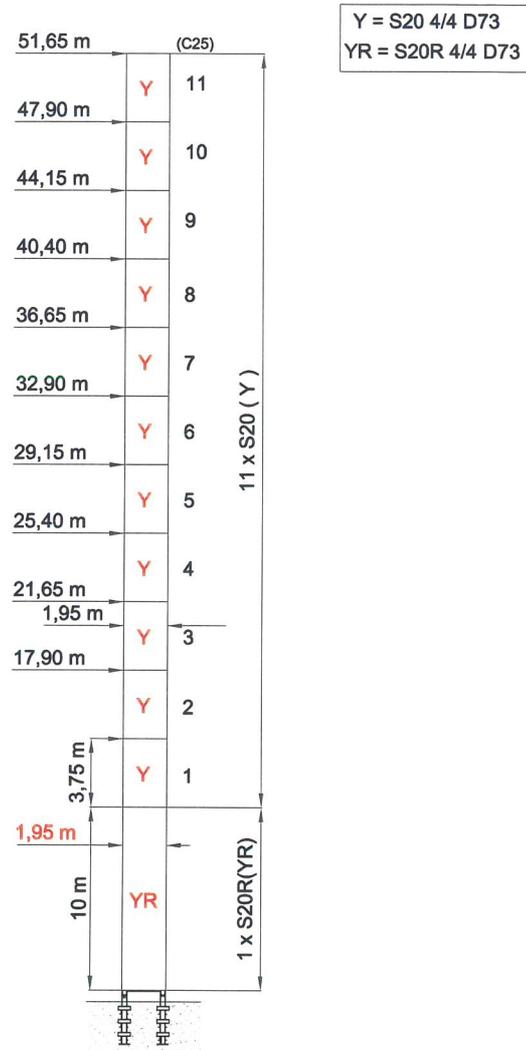


"W"
S 20 26

	C (m)	H (m)
30m 35m	10	42
	13	48
	14	48
	16	48
40m 45m 50m	10	36
	13	42
	14	42
	16	42
55m 60m	10	30
	13	36
	14	36

X (m)	2,7
Y (m)	2,21

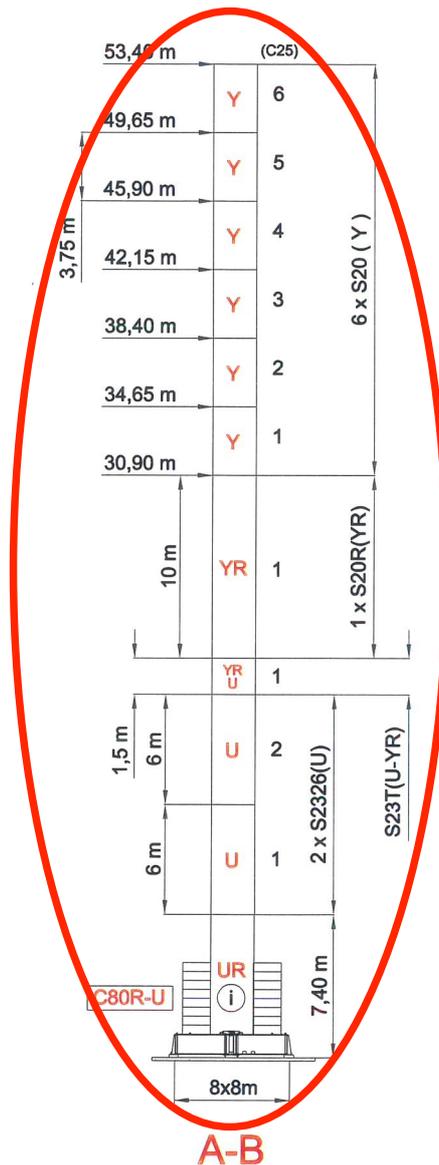
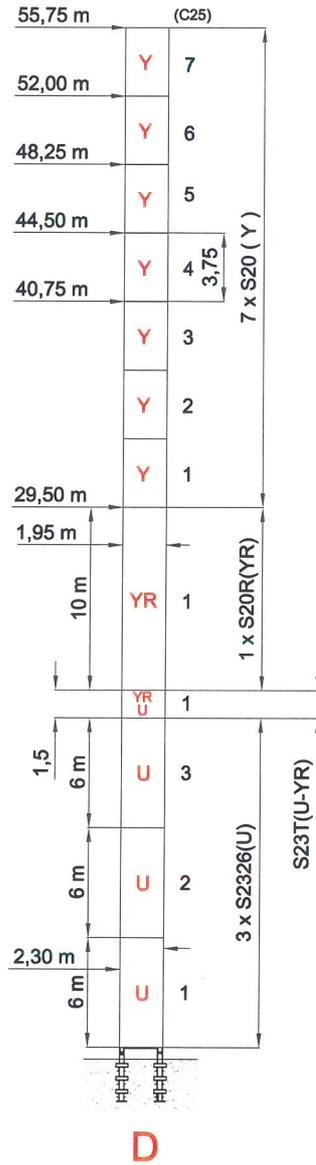
① Consultamos - Consult us - 문의하십시오

FEM 1005-D50-E25 / EN 14439 – Mástil S20 / Masts S20 / 마스트 S20

D

 (m)	max. H(m)	
	FEM 1005 C25	FEM 1001
30	51,65	51,65
35	47,90	47,90
40	44,15	44,15
45	44,15	44,15
50	40,40	44,15
55	40,40	40,40
60	36,65	36,65

FEM 1001-C25 / EN 14439 – Mástil S20 / Masts S20 / 마스트 S20

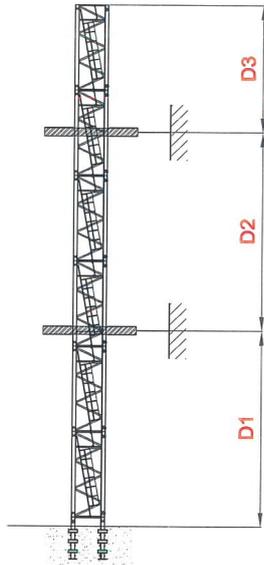
Y = S20 4/4 D73
 YR = S20R 4/4 D73
 U-YR = S23T 16/16 M52L / 4/4 D73
 U = S2326 16/16 M52L
 UR = S2326 24/16 M52L



max. H(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
30	55,75	55,75
35	52,00	52,00
40	48,25	48,25
45	48,25	48,25
50	48,25	48,25
55	48,25	48,25
60	44,50	48,25

max. H(m)	max. H(m)	
	FEM 1005 C25	FEM 1001
30	53,40	53,40
35	53,40	53,40
40	49,65	49,65
45	49,65	49,65
50	49,65	49,65
55	49,65	49,65
60	45,90	49,65

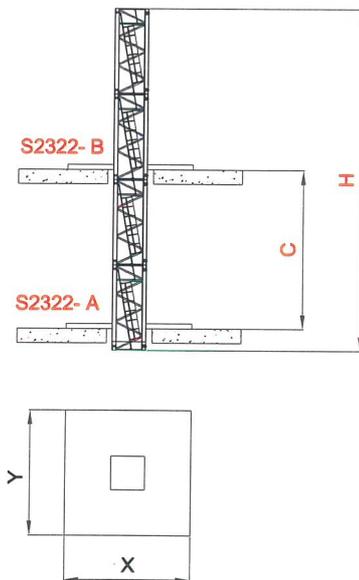
(i) For put "U" Element, Consultarnos - Consult us - 문의하십시오



"γ"
S 20

	D1 min/max	D2 min/max	D3 max
30m	24m/28m	24m/28m	29
35m	24m/28m	24m/28m	29
40m	20m/24m	20m/24m	29
45m	20m/24m	20m/24m	27
50m	16m/20m	16m/20m	27
55m	16m/16m	16m/16m	25
60m	16m/16m	16m/16m	25

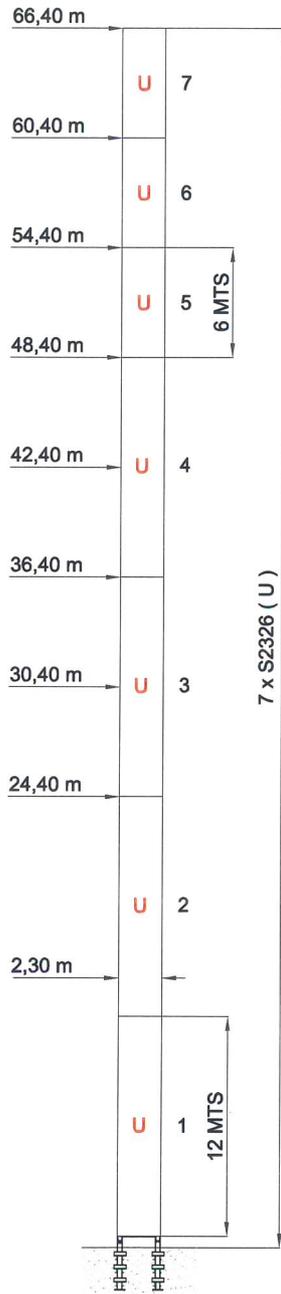
TREPADO INTERNO / BOTTOM CLIMBING CRANE / 내부 클라이밍



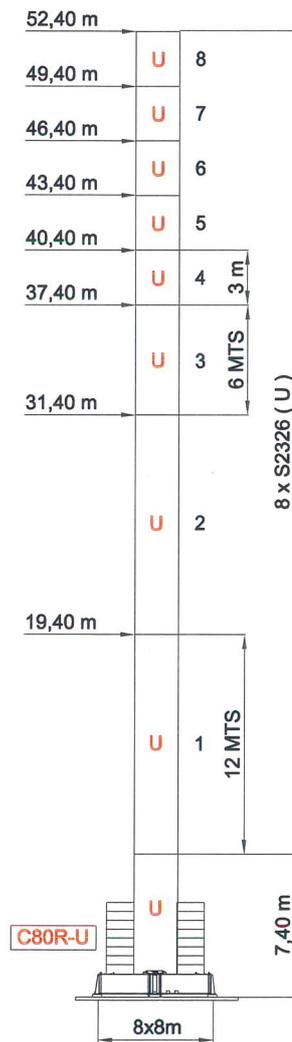
"γ"
S 20

	C (m)	H (m)
30m	10	30
	12	36
	14	36
35m	10	30
	12	36
	14	36
40m	10	29
	12	32
	14	32
45m	10	29
	12	32
	14	32
50m	10	25
	12	29
	14	29
55m	10	21
	12	25
	14	25
60m	10	21
	12	25
	14	25

X (m)	2,7
Y (m)	2,21

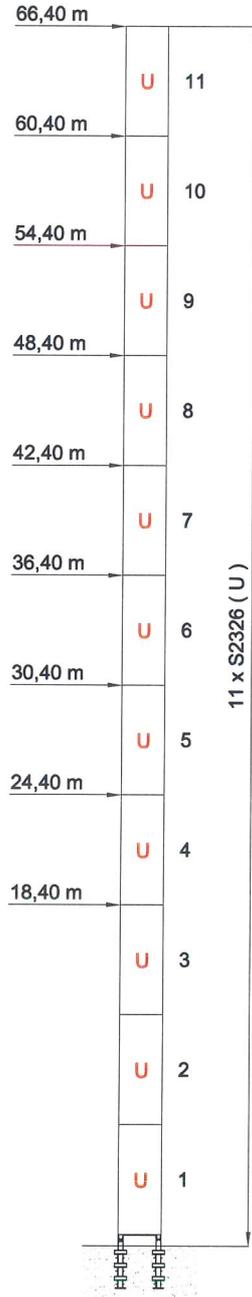
FEM 1001 / EN 14439 – Mástil S2326 / Masts S2326 / 마스트 S2326

D

max. H(m) FEM 1001	(m)
66,40	30
66,40	35
60,40	40
60,40	45
60,40	50
54,40	55
54,40	60

U = S2326 16/16 M52L

A-B

max. H(m) FEM 1001	(m)
52,40	30
52,40	35
52,40	40
46,40	45
46,40	50
46,40	55
40,40	60

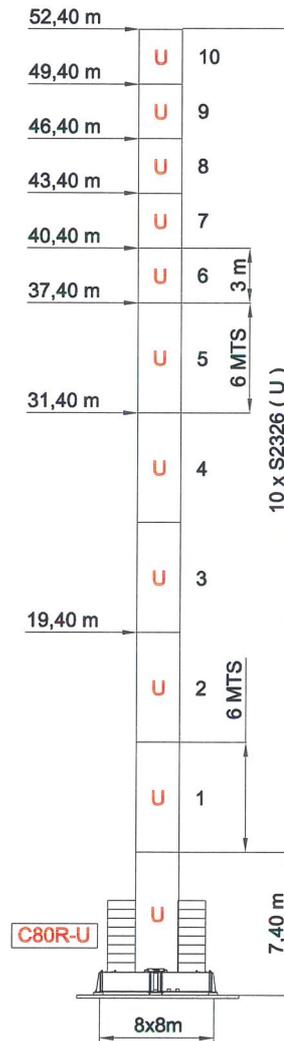
FEM 1001 / EN 14439 – Mástil S2326 / Masts S2326 / 마스트 S2326



D

(m)	max. H(m) FEM 1001
30	66,40
35	66,40
40	60,40
45	60,40
50	60,40
55	54,40
60	54,40

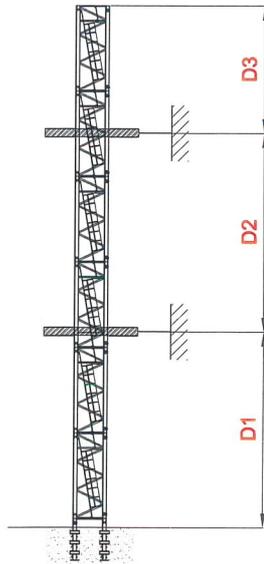
U = S2326 16/16 M52L



A-B

(m)	max. H(m) FEM 1001
30	52,40
35	52,40
40	52,40
45	46,40
50	46,40
55	46,40
60	40,40

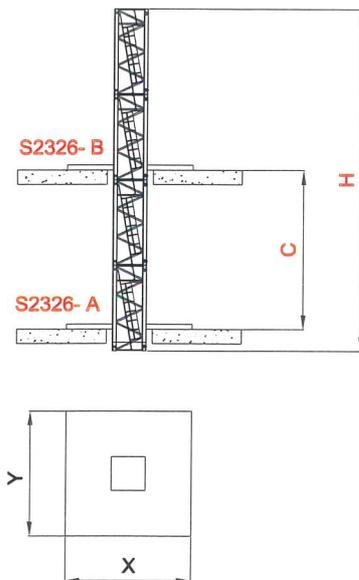
TREPADO EXTERNO / EXTERNAL CLIMBING / 외부클라이밍



"U"
S 23 26

	D1 min/max	D2 min/max	D3 max
30m	36m/48m	24m/30m	45
35m	36m/42m	24m/30m	45
40m	36m/42m	24m/30m	45
45m	30m/36m	24m/30m	45
50m	30m/36m	24m/30m	45
55m	30m/36m	24m/30m	39
60m	24m/30m	24m/30m	39

TREPADO INTERNO / BOTTOM CLIMBING CRANE / 내부 클라이밍



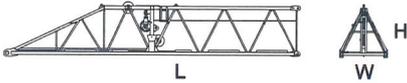
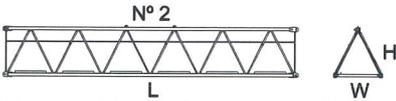
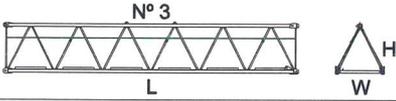
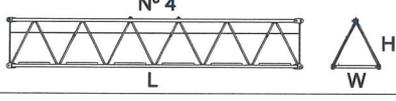
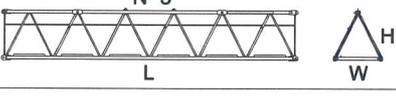
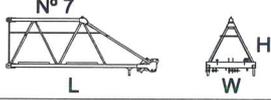
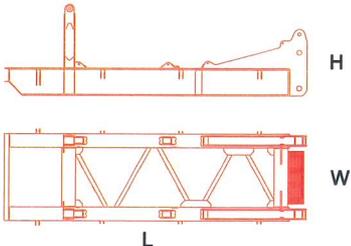
"U"
S 23 26

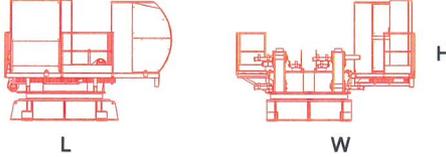
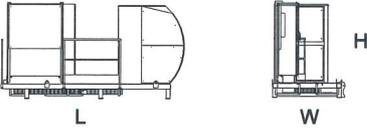
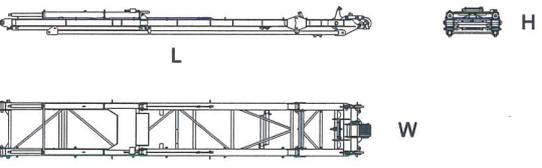
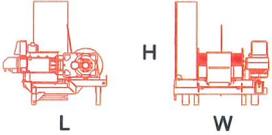
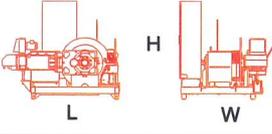
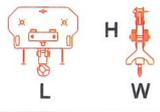
	C (m)	H (m)
30m 35m	10	42
	12	48
	14	54
	16	54
40m 45m 50m	10	36
	12	42
	14	48
	16	48
55m 60m	10	36
	12	42
	14	48
	16	48

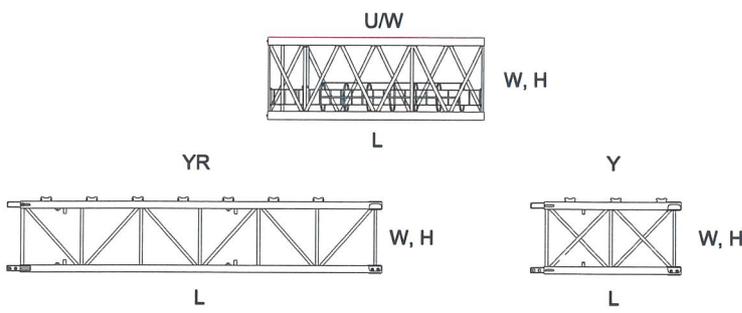
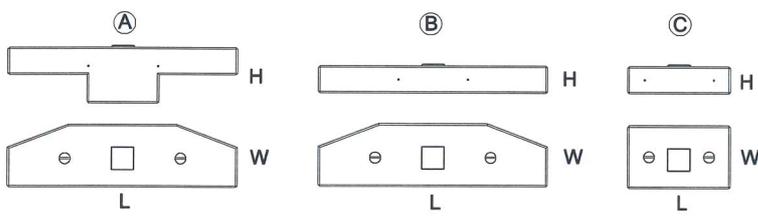
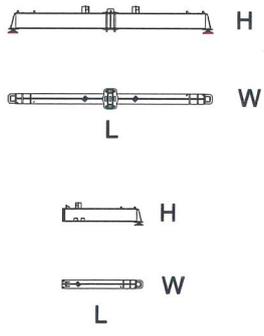
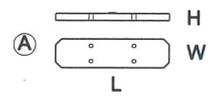
X (m)	3
Y (m)	2,5

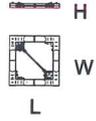
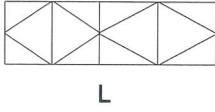
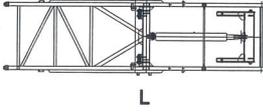
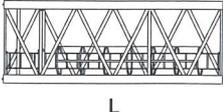
(i) Consultarnos - Consult us - 문의하십시오

Dimensiones y transporte - dimensions and transport - 치수 및 운송

	L(m)	W(m)	H(m)	Peso(Kg)
Pluma tramo primero / Jib heel section / 지브 힐 섹션 	10,4	1,77	1,76	2506
Elemento intermedio de pluma / Intermediate jib section / 중간 지브 섹션 N° 2 	10,37	1,72	1,76	1529
Elemento intermedio de pluma / Intermediate jib section / 중간 지브 섹션 N° 3 	10,37	1,72	1,76	1389
Elemento intermedio de pluma / Intermediate jib section / 중간 지브 섹션 N° 4 	10,37	1,72	1,76	1174
Elemento intermedio de pluma / Intermediate jib section / 중간 지브 섹션 N° 5 	10,37	1,72	1,76	1366
Elemento intermedio de pluma / Intermediate jib section / 중간 지브 섹션 N° 6 	5,27	1,72	1,76	735
Elemento intermedio de pluma / Intermediate jib section / 중간 지브 섹션 N° 7 	5,31	1,72	1,76	1020
Contrapluma / Counter-jib / 카운터 지브 	6,55	2,10	2,00	6135

	L(m)	W(m)	H(m)	Peso(Kg)
Unidad de rotacion / Complete slewing unit / 선회 장치 	4,60	4,84	3,34	13500
Cabina y soporte / Cabin and platform / 운전실 	4,59	1,82	2,32	1835
Cabalete de pluma / Jib gantry / 갠트리 지브 	12,9	1,92	1,07	6820
Equipo de elevacion / Hoist winch / 호이스팅 장치 	2,4	2,2	2,4	3250
Equipo de Pluma abatible / Luffing winch / 루핑 기어 	2,72	2,04	2,28	3500
Gancho Inferior / Lower Hook / 낮은 훅 	1,23	0,48	1,19	425
Gancho Superior / Upper Hook / 높은 훅 	0,60	0,17	0,86	238

		L(m)	W(m)	H(m)	Peso(Kg)	
Elemento de torre S20 / Tower section S20 / S20 타워 섹션		Y (S20)	3,75	1,95	1,95	3020
		YR (S20R)	10	1,95	1,95	7065
		W-Y (S2026)	2	2,00	1,98	2700
		W (S2026)	3	2,00	1,98	4034
		W (S2026)	6	2,00	1,98	6098
		U(S2326)	3	2,31	2,34	4134
		U(S2326)	6	2,31	2,34	6198
		U(S2326)	12	2,31	2,34	12300
		U-YR(S23T)	1,5	2,31	2,34	1500
		Elemento de empotre / Foundation anchor / 기초 양카		Y 4/4 D73	0,5	0,5
		YR 4/4 D73	0,5	0,5	2	500
		W 16/26	0,5	0,5	2,4	670
		WR 24/26	0,5	0,5	2,4	720
		S75R16/26	0,5	0,5	2,4	3160
		DIMA W	2,00	1,98	0,8	1500
		DIMA U	2,31	2,34	0,8	1650
		Bloque de contrapeso / Counterweight blocks / 균형추 블록		A	4	1,1
		B	4	1,1	0,51	4500
		C	1,8	1,1	0,51	2250
		Base C80R / Crossbase C80R / 크로스베이스 C80R		(x1)	11,8	1,18
		(x2)	5,9	0,60	1,40	4300
		Bloque lastre de base C80R / Base ballast block C80R / C80R 베이스 발라스트 블록		A	7,9	1,5
						

	L(m)	W(m)	H(m)	Peso(Kg)
Marco trepado externo S2026 / Tie-frame / 타이 프레임 S2026 	3,22	3,19	0,42	3900
Jaula de telescopaje tipo W S2026 / Climbing cage type S2026 / S2026 타입 텔레스코핑 케이지 Completa / Full / 완료 	11,6	2,9	3,0	13500
Estructura / Steel frame / 구조 프레임				9550
Hidraulico y accesorios / Hydraulic and accessories / 유압 및 액세서리				3950
Jaula de telescopaje tipo Y (S20) / Climbing cage type S20 / S20 타입 텔레스코핑 케이지 Completa / Full / 완료 	9,80	2,9	2,9	13000
Estructura / Steel frame / 구조 프레임				9550
Hidraulico y accesorios / Hydraulic and accessories / 유압 및 액세서리				3950
Marco trepado interno W S2026 / Floor climbing frame S2026 / W S2026 플로어 클라이밍 프레임 	3,2	2,8	0,6	4720
Hidraulico y accesorios / Hydraulic and accessories / 유압 및 액세서리				3081
Tramo trep. A S2026 / Tower section A S2026 / A S2026 타워 섹션 	A 6	1,98	2,0	6098

