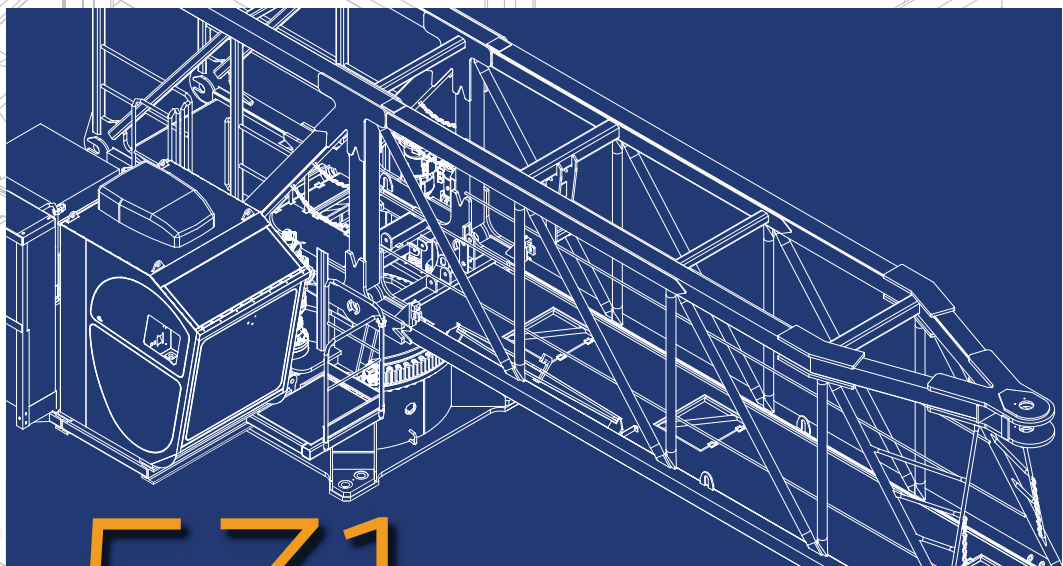


ENG
— CRANES —

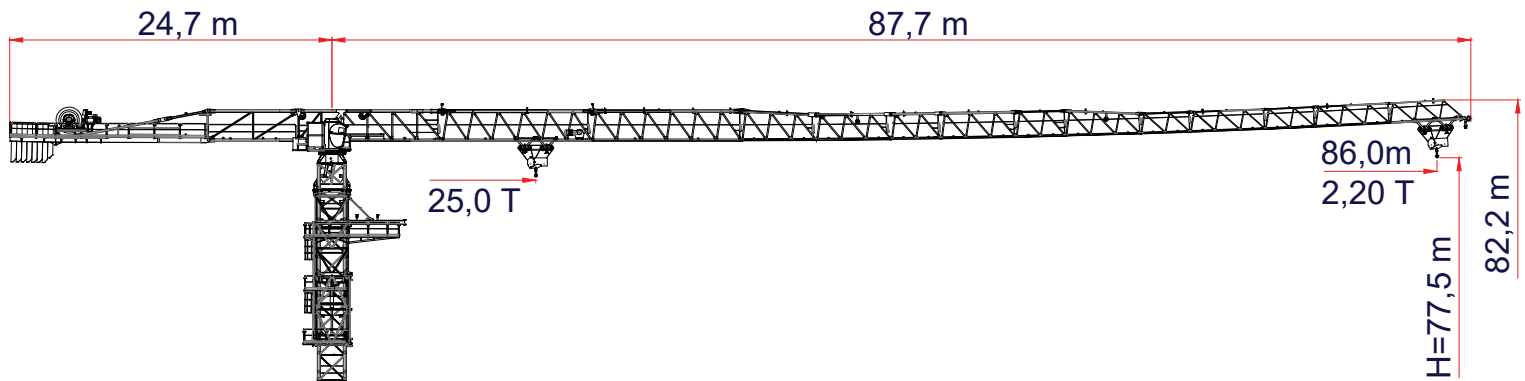
Design, engineering, manufacture



ETT 531
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2017

CE EN14439-C25

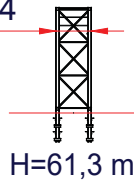


2,24 m

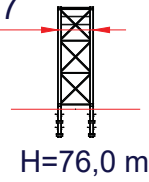
2,27 m

8,00x8,00 m

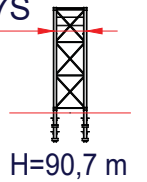
THS22224



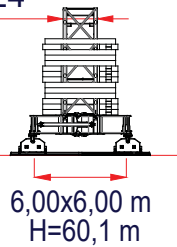
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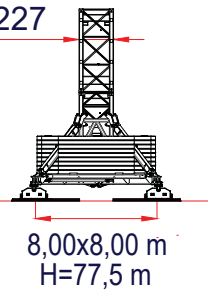
THS24227S



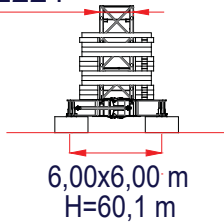
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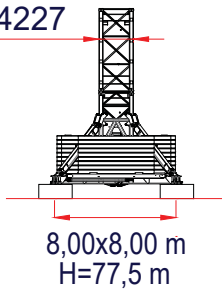
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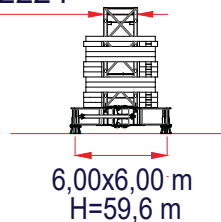
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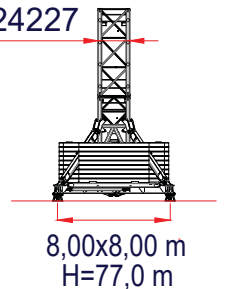
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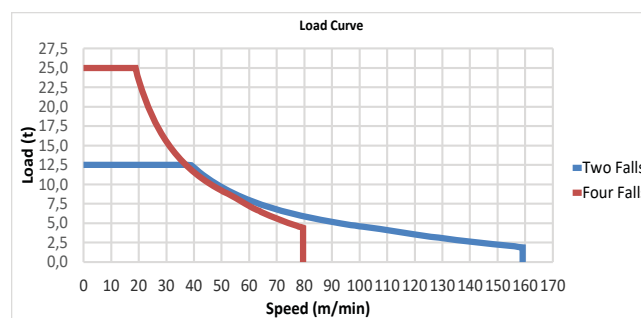
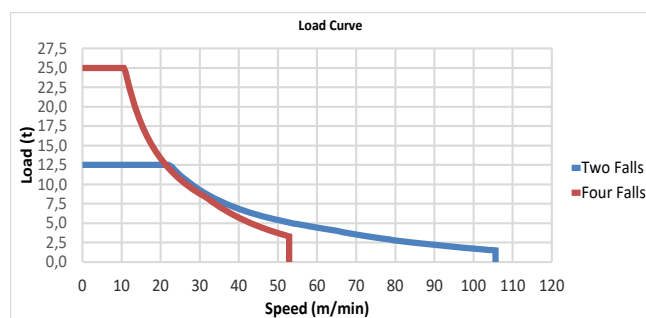
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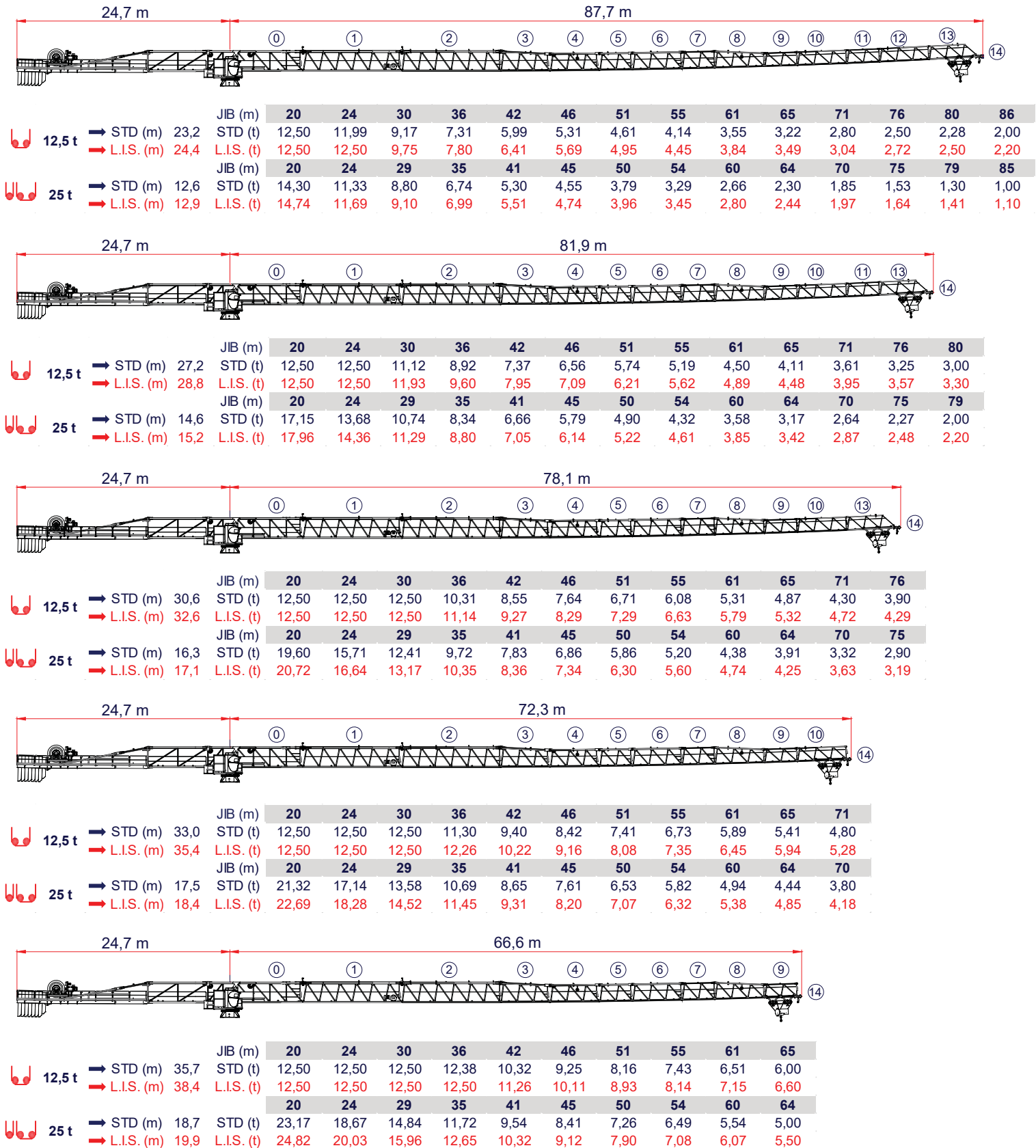
		Speed - Velocità - Vitesse - Geschwindigkeit	Power - Potenza - Puissance - Leistung
Slewing Rotazione Orientation Schwenken		0 → 0,75 r.p.m.	4 x 80 Nm
Trolley Carrello Chariot Katzfahren		0 → 81,0 m/min	1 x 15 kW
Travelling Traslazione Translation Kranfahren		0 → 20,0 m/min	4 x 11 kW

Type Tipo Type Type	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
HW2565BR-75025BE	90	65	589	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	12500	7,0	25000	3,0
2	12500	17,0	25000	8,0
3	12500	21,0	25000	11,0
4	6450	42,0	12610	21,0
5	3390	72,0	6830	36,0
6	1490	106,0	3290	53,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	287 m		140 m	

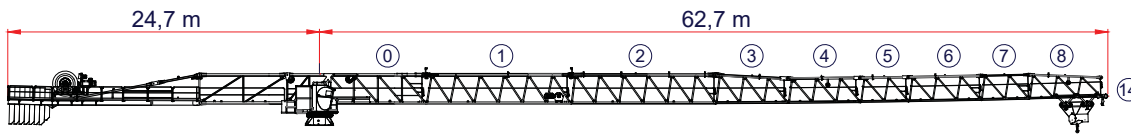
Type Tipo Type Type	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
HW25110BR-75025BE	150	110	810	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	12500	12,0	25000	6,0
2	12500	29,0	25000	15,0
3	12500	36,0	25000	18,0
4	6020	78,0	11890	39,0
5	3400	123,0	6950	61,0
6	1900	159,0	4400	80,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	395 m		193 m	



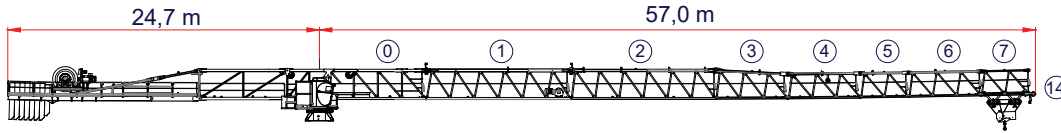
TOTAL INSTALLED POWER FORZA MOTRICE TOTALE PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	65 kW (90 hp) 144 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%	110 kW (150 hp) 200 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%
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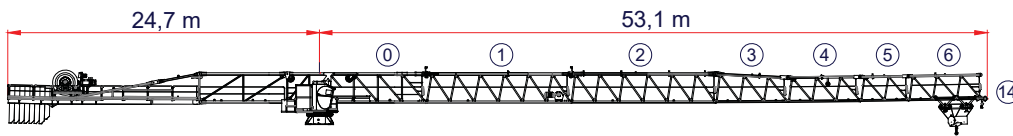
L.I.S. = Load Increase System
 All intermediate loads can be increased till a maximum of 10% if the crane is equipped with L.I.S.
 Con il sistema L.I.S. tutte le portate intermedie possono essere aumentate fino ad un massimo del 10%
 Toutes les charges intermédiaires peuvent être augmentées jusqu'à un maximum de 10% si la grue est équipée avec L.I.S.
 Alle zwischenlasten erhöht werden kann bis maximal 10%, wenn der kran mit L.I.S.



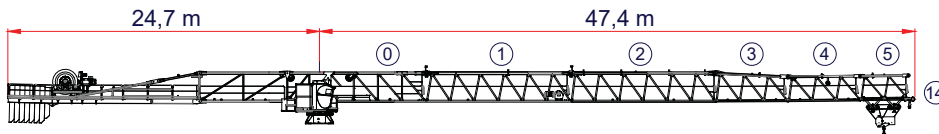
		JIB (m)								
		20	24	30	36	42	46	51	55	61
12,5 t	→ STD (m)	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1	37,1
	→ L.I.S. (m)	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0
25 t	→ STD (m)	19,7	19,7	19,7	19,7	19,7	19,7	19,7	19,7	19,7
	→ L.I.S. (m)	21,0	21,0	21,0	21,0	21,0	21,0	21,0	21,0	21,0



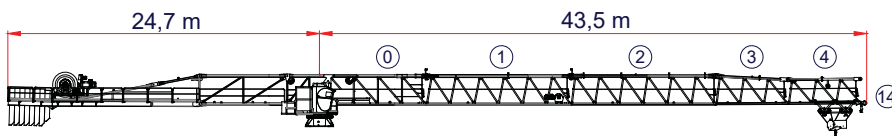
		JIB (m)							
		20	24	30	36	42	46	51	55
12,5 t	→ STD (m)	37,9	37,9	37,9	37,9	37,9	37,9	37,9	37,9
	→ L.I.S. (m)	40,9	40,9	40,9	40,9	40,9	40,9	40,9	40,9
25 t	→ STD (m)	19,7	19,7	19,7	19,7	19,7	19,7	19,7	19,7
	→ L.I.S. (m)	21,0	21,0	21,0	21,0	21,0	21,0	21,0	21,0



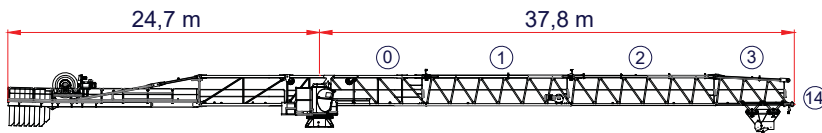
		JIB (m)						
		20	24	30	36	42	46	51
12,5 t	→ STD (m)	40,1	40,1	40,1	40,1	40,1	40,1	40,1
	→ L.I.S. (m)	43,4	43,4	43,4	43,4	43,4	43,4	43,4
25 t	→ STD (m)	20,9	20,9	20,9	20,9	20,9	20,9	20,9
	→ L.I.S. (m)	22,4	22,4	22,4	22,4	22,4	22,4	22,4



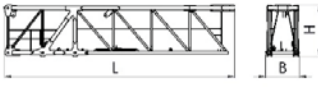

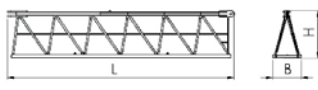
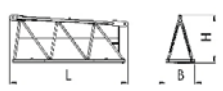
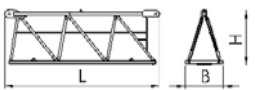

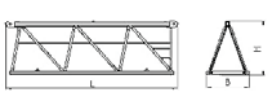
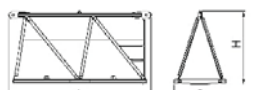

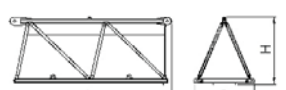
		JIB (m)					
		20	24	30	36	42	46
12,5 t	→ STD (m)	40,3	40,3	40,3	40,3	40,3	40,3
	→ L.I.S. (m)	43,7	43,7	43,7	43,7	43,7	43,7
25 t	→ STD (m)	20,9	20,9	20,9	20,9	20,9	20,9
	→ L.I.S. (m)	22,5	22,5	22,5	22,5	22,5	22,5

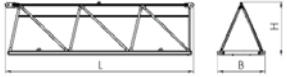
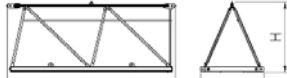
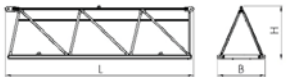
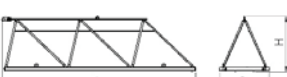

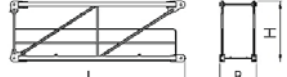

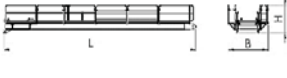
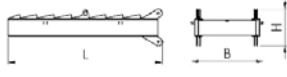






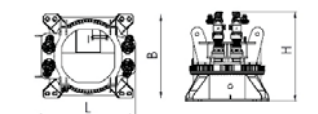

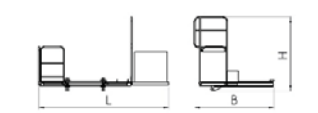
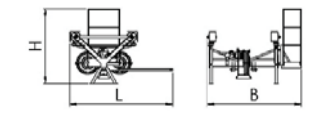
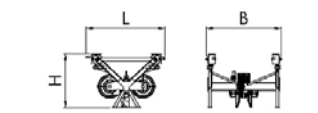

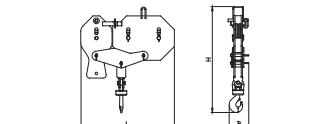
		JIB (m)				
		20	24	30	36	42
12,5 t	→ STD (m)	40,3	40,3	40,3	40,3	40,3
	→ L.I.S. (m)	40,6	40,6	40,6	40,6	40,6
25 t	→ STD (m)	21,0	21,0	21,0	21,0	21,0
	→ L.I.S. (m)	22,6	22,6	22,6	22,6	22,6

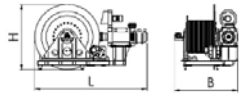
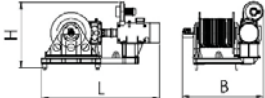
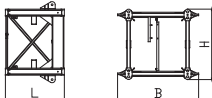
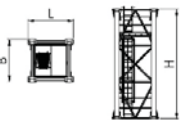
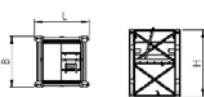
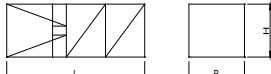
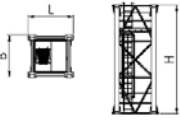
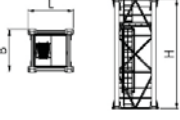

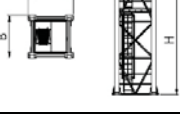
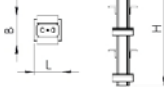


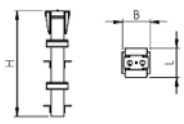
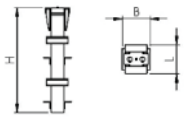
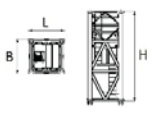

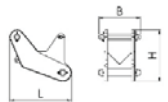
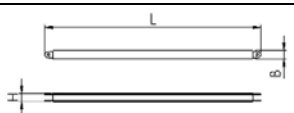
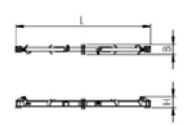
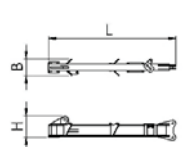

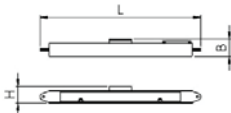
		JIB (m)			
		20	24	30	36
12,5 t	→ STD (m)	34,8	34,8	34,8	34,8
	→ L.I.S. (m)	34,8	34,8	34,8	34,8
25 t	→ STD (m)	21,0	21,0	21,0	21,0
	→ L.I.S. (m)	22,7	22,7	22,7	22,7

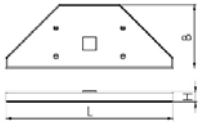
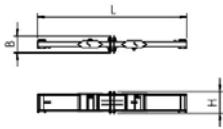
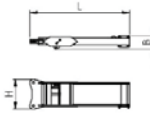
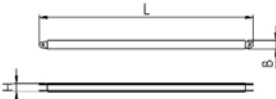
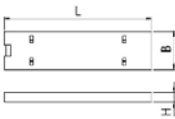
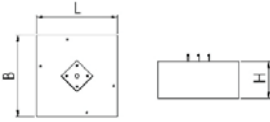
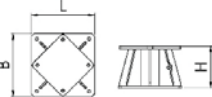

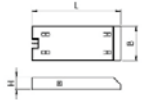
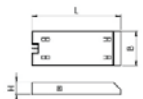
Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Jib/Braccio/Flèche/Ausleger			[m]	[m]	[m]	[t]
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 0		11,54	1,70	2,58	9,04
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 1		11,89	1,50	2,43	5,50
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 2		11,91	1,50	2,50	4,12
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 3		6,11	1,50	2,48	1,68
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 4		6,08	1,50	2,12	1,58
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 5		4,14	1,50	2,10	0,88
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 6		6,03	1,50	2,10	1,10
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 7		4,09	1,50	2,08	0,67
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 8		6,03	1,50	2,04	0,83
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 9		4,05	1,50	1,67	0,54

Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Braccio/Jib/Flèche/Ausleger			[m]	[m]	[m]	[t]
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 10		5,93	1,50	1,66	0,65
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 11		3,98	1,50	1,65	0,36
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 12		5,93	1,50	1,66	0,44
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 13		5,84	1,50	1,65	0,43
1	Tip Puntale Pointe de flèche Ausleger Kopfstück		1,81	0,68	0,76	0,18
Counter-jib/Controbraccio/ Contre-flèche/Gegenausleger			[m]	[m]	[m]	[t]
1	Counter-jib section / Elemento Controbraccio / Element de Contre-flèche / Gegenausleger-Zwischenstück / 0		7,33	1,53	2,55	3,82
1	Counter-jib section / Elemento Controbraccio / Element de Contre-flèche / Gegenausleger-Zwischenstück / 1		11,95	1,69	1,00	3,40
1	Counter-jib 1 with platforms Controbraccio 1 con ballatoio Contre-flèche 1 avec plate-formes Gegenausleger 1 mitpodeste		11,95	2,53	1,69	3,91
1	Counter-jib section / Elemento Controbraccio / Contre-flèche/ Gegenausleger-Zwischenstück / 2		3,60	1,52	0,83	1,12
1	Counter-jib 2 with platforms Controbraccio 2 con ballatoio Contre-flèche 2 avec plate-formes Gegenausleger 2 mitpodeste		3,64	2,43	1,69	1,40

Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Counter-jib/Controbraccio/ Contre-flèche/Gegenausleger			[m]	[m]	[m]	[t]
2	Tie-rods Tiranti Barre de liaison Zugstange		6,65	0,14	0,35	0,37
			3,66	0,14	0,35	0,23
			0,66	0,11	0,26	0,06
Rotazione/Slewing/Orientation/Schwenken			[m]	[m]	[m]	[t]
1	Slewing-group Gruppo Girevole Groupe d'orientation Drehgruppe		2,69	2,25	2,36	7,85
1	Cabin Cabina Cabine Kabine		1,92	1,44	2,30	0,21
1	Cabin Platform Ballatoio Cabina Ensemble mat Cabine Drehbühne		4,45	2,26	2,10	0,64
Double Trolley and Hookblock/Doppio Carrello e Bozzello/ Chariot double et Moufle/Doppel Laufkatze und Hubflasche			[m]	[m]	[m]	[t]
1	Main Trolley Carrello Principale Chariot Principal Hauptlaufkatze		2,57	2,35	1,86	0,62
1	Auxiliary Trolley Carrello Secondario Chariot Auxiliaire Hilfslaufkatze		1,91	1,83	1,29	0,50
1	Trolley Winch Comando Carrello Chariot Treuil Laufkatzewinde		1,63	1,51	0,75	0,64
1	Hookblock Bozzello Moufle Hubflasche		1,90	0,79	2,18	1,07

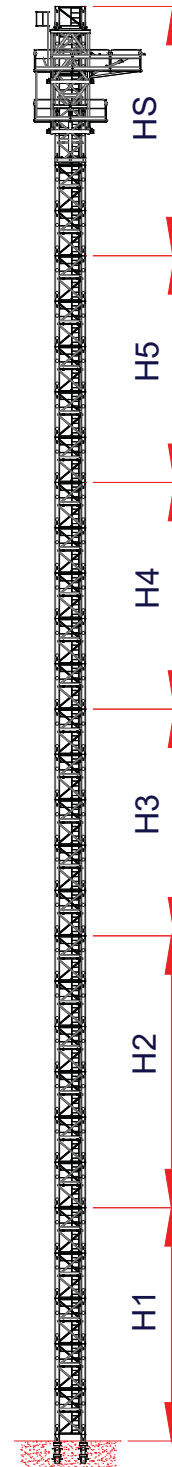
Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Hoisting /Sollevamento/Levage/Heben			[m]	[m]	[m]	[t]
1	Hoisting Winch / Argano Sollevamento / Treuil de Levage / Hubwerk 110 kW		3,46	1,95	2,02	6,68
1	Hoisting Winch / Argano Sollevamento / Treuil de Levage / Hubwerk 65 kW		2,90	1,99	1,61	4,23
Tower /Torre/Mât/Turm			[m]	[m]	[m]	[t]
1	Jacking Element Telaio di Spinta Élément de levage Hubelement		2,00	2,75	2,39	2,49
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS22.0590		2,39	2,24	5,90	5,29
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS22.0295		2,39	2,24	2,95	3,16
1	Climbing Cage Gabbia di Montaggio Cage de montage Hydraulikbühne (Transportation)		12,54 (11,90)	2,57 (2,57)	3,00 (1,80)	17,5
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS24.0590		2,42	2,27	5,90	6,39
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS24S.0590		2,46	2,27	5,90	7,06
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS22TS24.0590		2,42	2,27	5,90	6,36
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS24TS24S.0590		2,46	2,27	5,90	6,93
4	Foundation anchors / Gambe di fondazione / jambes de Scellement / Gründungspfahl TS22.0200		0,51	0,52	2,00	0,38

Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Tower /Torre/Mât/Turm			[m]	[m]	[m]	[t]
4	Foundation anchors Gambe di fondazione Jambes de Scellement Gründungspfahl TS24.0200		0,53	0,55	2,00	0,48
4	Foundation anchors Gambe di fondazione Jambes de Scellement Gründungspfahl TS24S.0200		0,53	0,55	2,00	0,61
Strut Base / Base con puntoni / Base avec struts/ Bases mit stut 8x8 TS24			[m]	[m]	[m]	[t]
1	Basic Tower section Palo di Base Mât-chassis Gründturmstück TSV24.0590		2,42	2,27	5,90	9,22
4	Struts Puntoni Haubans Mastabstützungen		5,09	0,40	0,53	1,20
4	Tower-strut Connection Piastra Giunzione Puntone Mât-hauban Connexion Verbindungsplatte		1,03	0,69	0,87	0,51
4	Twist compensator Beam Barra Antitorsione Mât-hauban Connexion Torsionsträger		4,66	0,18	0,18	0,24
1	Long Cross Base Beam Trave lunga Crociera di Base Long Poutre Chassis de Base Langen Querbasissträger		11,81	0,88	0,96	3,94
2	Short Cross Base Beam Trave corta Crociera di Base Court Poutre Chassis de Base Kurze Querbasissträger		5,73	0,77	0,96	1,90
4	Base Ballast Beam Supporto Zavorra di Base Poutres de Lest de Base Gründballast Träger		6,66	0,44	0,39	0,83
			3,66	0,39	0,39	0,45

Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Strut Base / Base con puntoni / Base avec struts/ Bases mit stüt 8x8 TS24			[m]	[m]	[m]	[t]
36	Base Ballast Zavorra di Base Lest de Base Gründballast		5,00	1,90	0,30	5,00
Cross base / Base a croce / Base en croix / Querbasisträger 6x6 TS22			[m]	[m]	[m]	[t]
1	Long Cross Base Beam Trave lunga Crociera di Base Long Poutre Chassis de Base Langen Querbasisträger		8,99	1,01	1,31	6,28
2	Short Cross Base beam Trave corta Crociera di Base Court Poutre Chassis de Base Kurze Querbasisträger		4,32	0,60	1,31	2,91
4	Twist compensator Beam Barra Antitorsione Mât-hauban Connexion Torsionsträger		3,88	0,18	0,18	0,22
38	Ballast Base Zavorra di Base Lest de Base Gründballast		4,60	1,20	0,30	3,81
Base Support/Appoggio delle Base/ Soutien à la Base/Trägerbasis			[m]	[m]	[m]	[t]
4	Base Support ballast Blocchi di Appoggio Lest de appuyer Gründballast Unterstützung		2,20	2,20	1,00	11,60
4	Base Foot Piede di Base Pied de Base Grund Fuss		0,70	0,70	0,47	0,32
Counter-jib Ballast/Zavorra di Controfreccia / Lest de Contre-flèche/Gegenausleger Ballast			[m]	[m]	[m]	[t]
7	Type A / Tipo A / Marque A / Marke A 110 kW		2,93	1,15	0,40	3,10
1	Type B / Tipo B / Marque B / Marke B 110 kW		2,46	1,15	0,40	2,60
2	Type C / Tipo C / Marque C / Marke C 65 kW		3,50	1,15	0,40	3,60

EXTERNAL CLIMBING
A SOPRALZO IDRAULICO
TELESCOPABLE
KLETTERKRANE

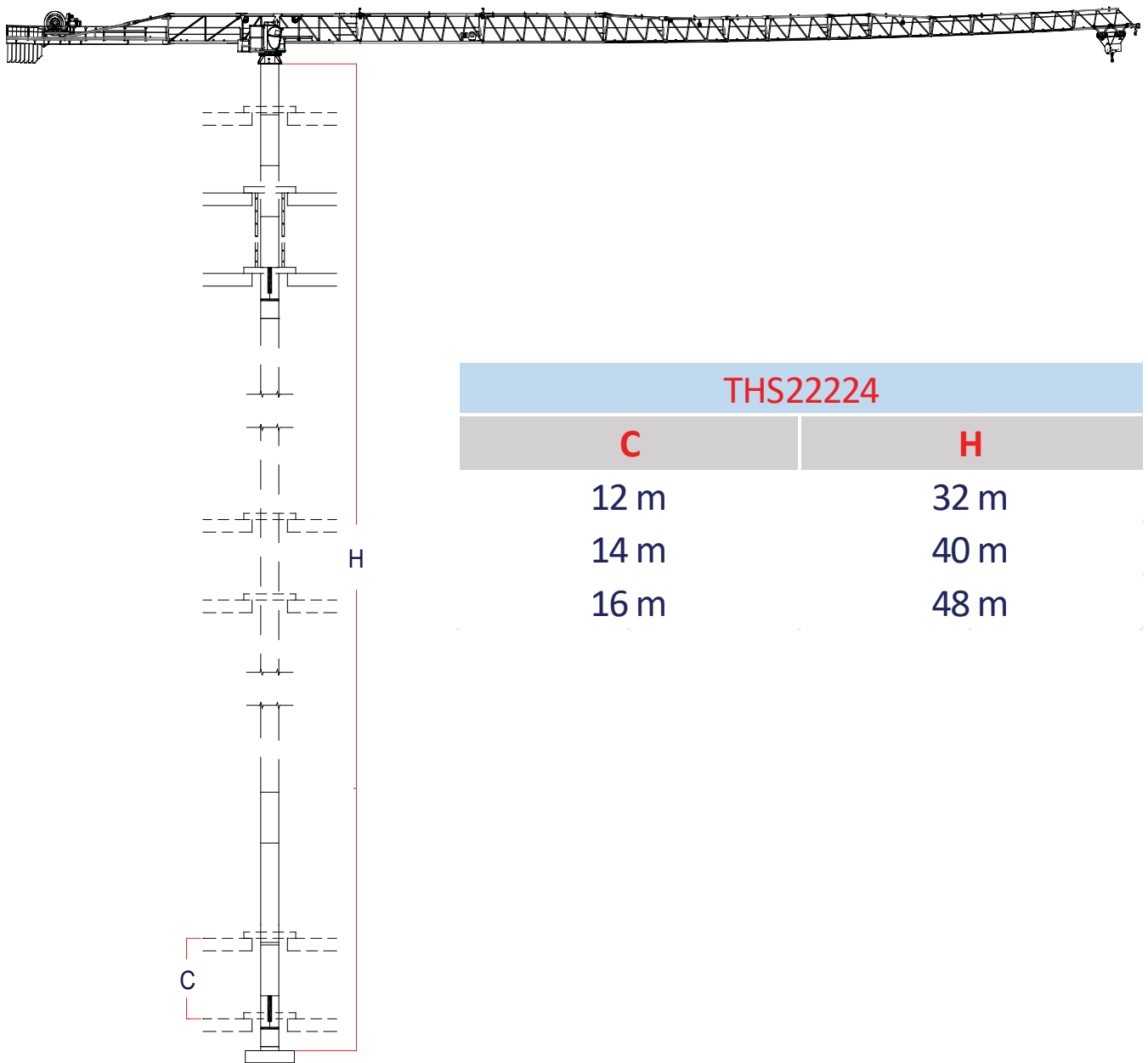
THS22224	
(m)	
H1	45,5
H2	35,4
H3	35,4
H4	35,4
H5	35,4
HS	51,2
H.U.H	240,2



*Other Configuration Available
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OTHER INSTALLATION
ALTRE INSTALLAZIONI
AUTRES INSTALLATIONS
SONSTIGE ANLAGEN

INTERNAL CLIMBING
 RAMPANTE
 TELESCOPABLE SUR DALLES
 KLETTERKRANE IN GEBAUDE



THS22224	
C	H
12 m	32 m
14 m	40 m
16 m	48 m

*Other Configuration Available
 Altre Configurazioni Disponibili
 Autres configurations Disponibles
 Andere Konfigurationen Verfügbar*

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