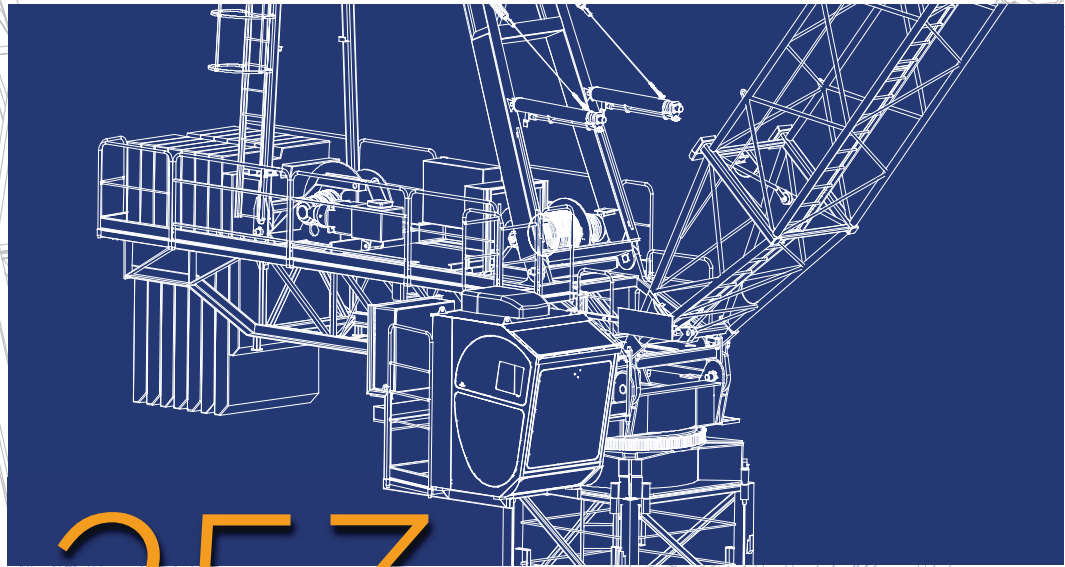


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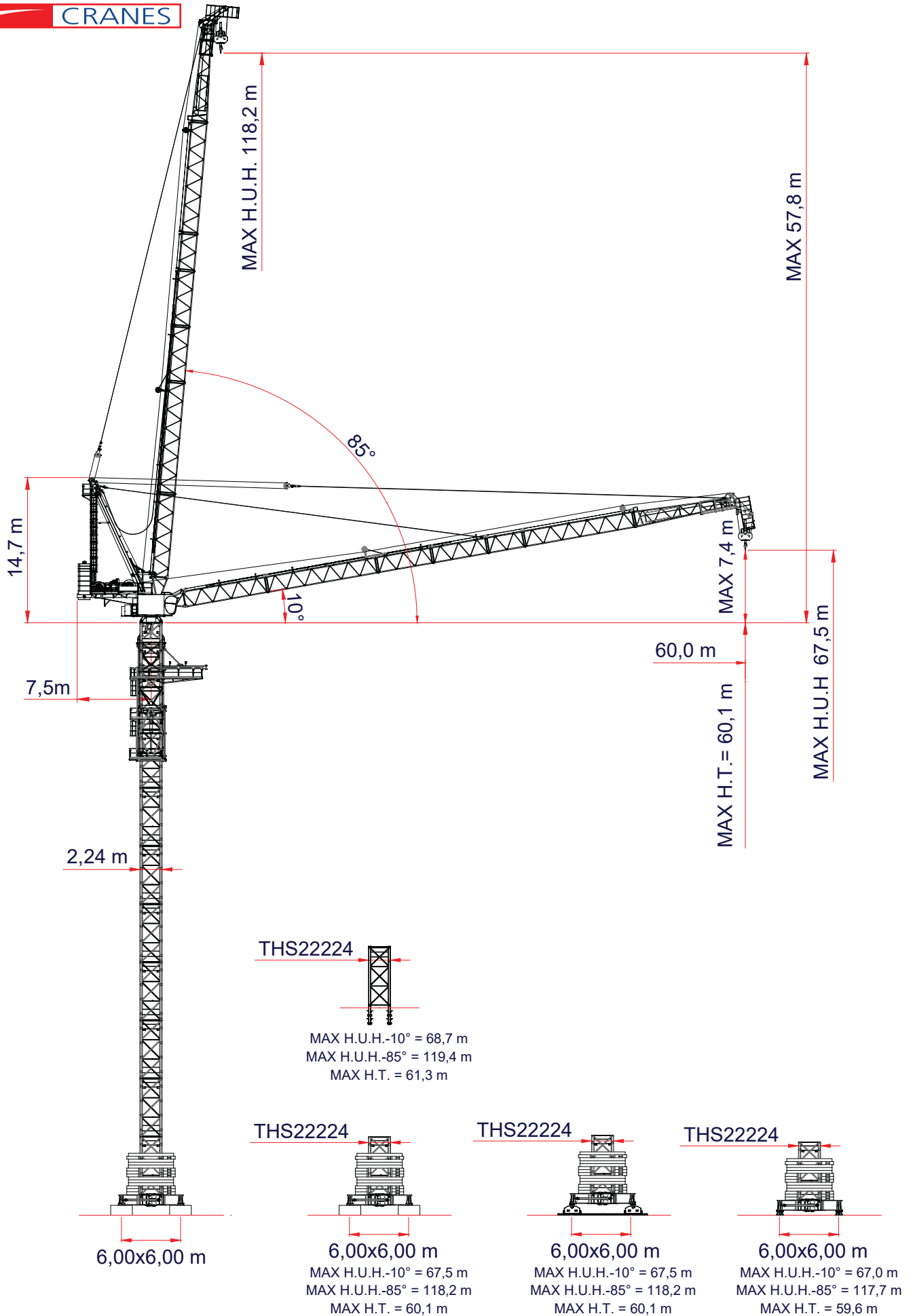
Design, engineering, manufacture



ETL 253 20t

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2018

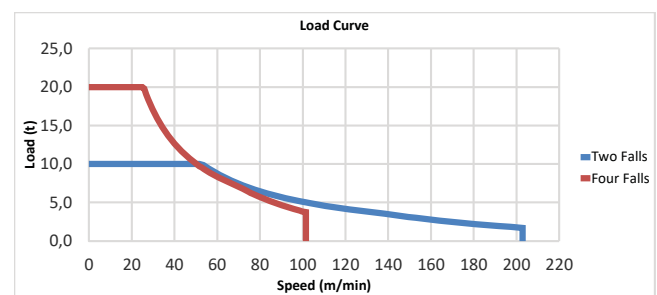
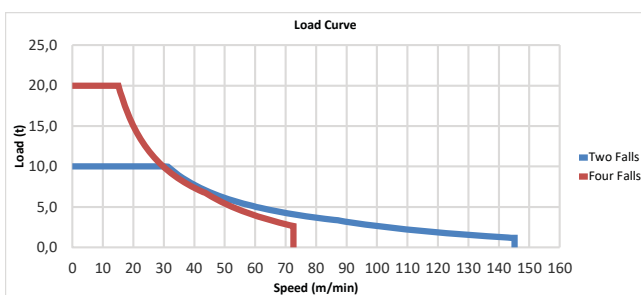
CE EN14439-C25



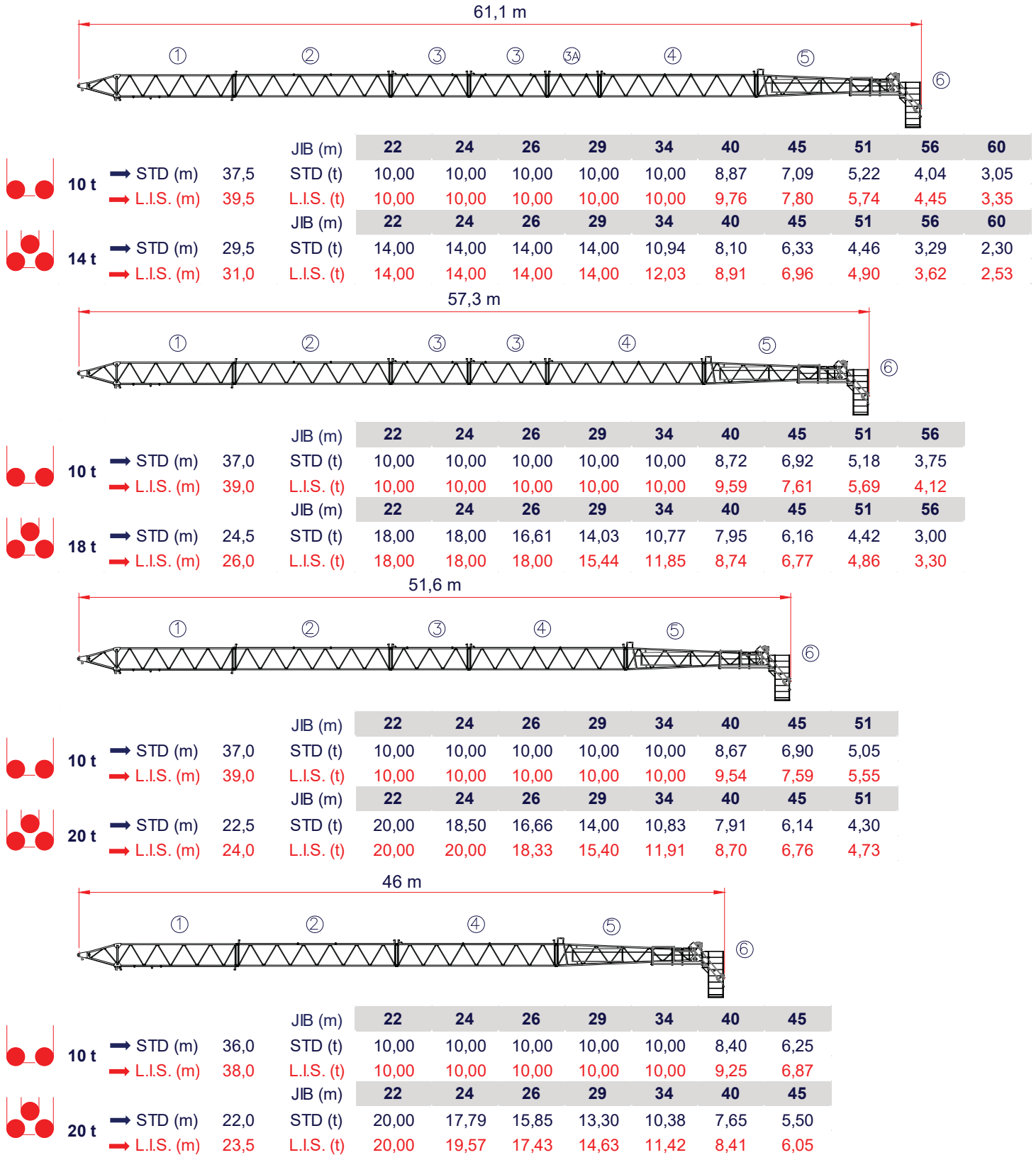
		Speed - Velocità - Vitesse - Geschwindigkeit	Power - Potenza - Puissance - Leistung
Rotazione Slewing Orientation Schwenken		0 → 0,70 r.p.m.	2 x 7,5 kW
Luffing Impennamento Impennage Einziehwerk		1,5 min	65 kW
Traslazione Rail Translation Kranfahren		0 → 20,0 m/min	4 x 11,0 kW

Type Tipo Type Type	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
 HW2065BR-75025BE	90	65	564	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	10000	9,0	20000	5,0
2	10000	19,0	20000	9,0
3	10000	28,0	20000	14,0
4	5200	58,0	10250	29,0
5	2750	98,0	5640	49,0
6	1150	145,0	2630	73,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	278 m		137 m	

Type Tipo Type Type	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
 HW20110BR-75025BE	150	110	801	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	10000	15,0	20000	7,0
2	10000	30,0	20000	15,0
3	10000	48,0	20000	24,0
4	5550	92,0	10940	46,0
5	2820	159,0	5800	79,0
6	1710	203,0	3730	101,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	394 m		194 m	

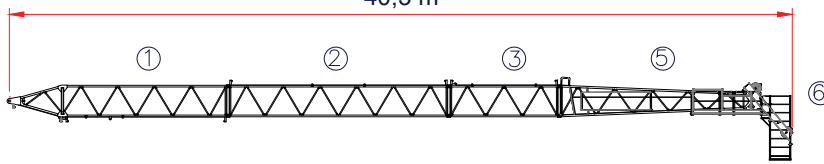


TOTAL INSTALLED POWER FORZA MOTRICE TOTALE PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	65 kW (90 hp) 163 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%	110 kW (150 hp) 219 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%
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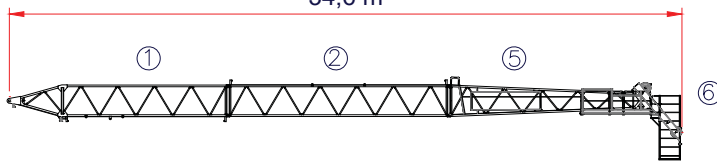
L.I.S. = Load Increase System
 All intermediate loads can be increased till a maximum of 10% if the crane is equipped with L.I.S.
 Con il sistema L.I.S. tutte le portate intermedie possono essere aumentate fino ad un massimo del 10%
 Toutes les charges intermédiaires peuvent être augmentées jusqu'à un 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.

40,3 m



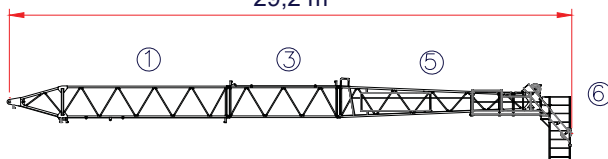
		JIB (m)					
		22	24	26	29	34	40
10 t	→ STD (m)	35,0	35,0	35,0	35,0	35,0	35,0
	→ L.I.S. (m)	36,5	36,5	36,5	36,5	36,5	36,5
20 t	→ STD (m)	21,0	21,0	21,0	21,0	21,0	21,0
	→ L.I.S. (m)	22,5	22,5	22,5	22,5	22,5	22,5

34,6 m



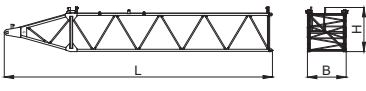
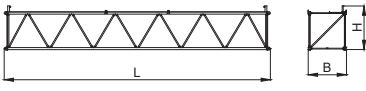
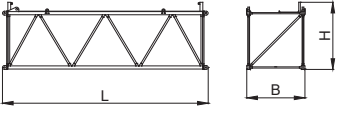
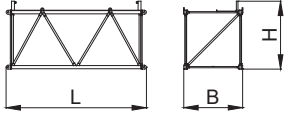
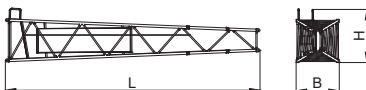
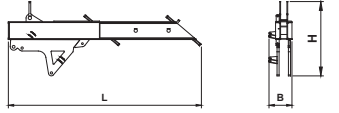
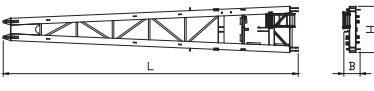
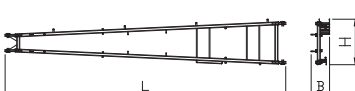
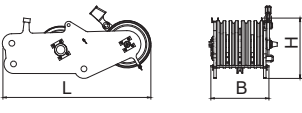
		JIB (m)				
		22	24	26	29	34
10 t	→ STD (m)	33,5	33,5	33,5	33,5	33,5
	→ L.I.S. (m)	34,0	34,0	34,0	34,0	34,0
20 t	→ STD (m)	21,0	21,0	21,0	21,0	21,0
	→ L.I.S. (m)	22,5	22,5	22,5	22,5	22,5

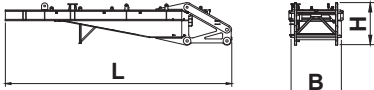
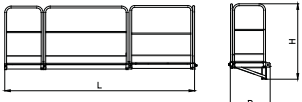
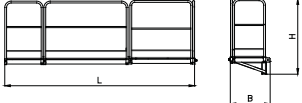
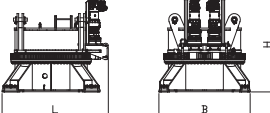
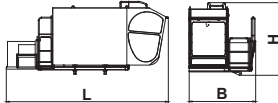
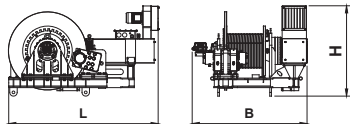
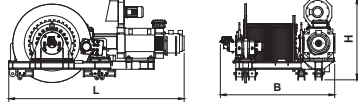
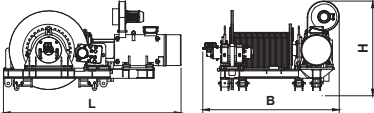
29,2 m

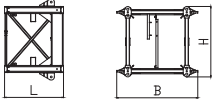
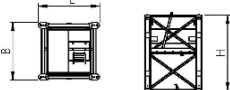
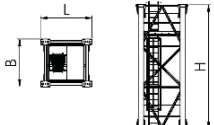
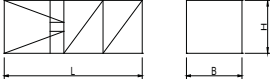
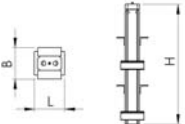
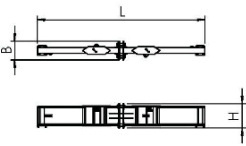
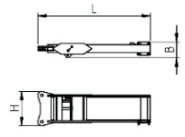
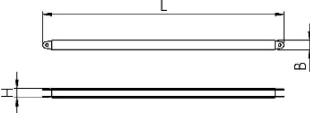


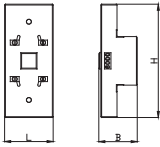
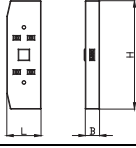
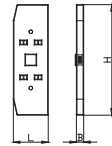
		JIB (m)			
		22	24	26	29
10 t	→ STD (m)	28,5	28,5	28,5	28,5
	→ L.I.S. (m)	29,0	29,0	29,0	29,0
20 t	→ STD (m)	19,5	19,5	19,5	19,5
	→ L.I.S. (m)	21,0	21,0	21,0	21,0

Lifting capacities valid up to 100 m hoisting height. Over 100 m hoisting height, the lifting capacity is reduced by additional rope weight. / Portate valide fino a 100 m di altezza di sollevamento. Oltre i 100 m si riduce la portata a causa del peso della fune. / Capacités de levage valables jusqu'à 100 m de hauteur sous crochet. Au-dessus de 100 m de hauteur sous crochet, la capacité de levage est réduite du poids de câble supplémentaire. / Tragfähigkeiten gültig bis 100 m Hubhöhe. Über 100 m Hubhöhe reduziert sich die Tragfähigkeit um das zusätzliche Seilgewicht.

Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezz a 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 1		11,43	1,80	1,88	1,85
2	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 2 - 4		11,48	1,64	1,89	1,43
2	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 3		5,80	1,65	1,89	0,77
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 3A		3,80	1,65	1,89	0,54
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 5		9,68	1,64	2,04	1,25
1	Tip Puntale Elément pointe Spitzelement		3,71	0,32	1,48	0,91
1	A-Frame inclined panel / Pannello anteriore / Panneau antérieur du porte-flèche / A-Bock Vorderteil		11,42	0,68	1,79	3,02
1	A-Frame vertical panel / Tirante posteriore / Panneau vertical du porte-flèche / A-Bock Hinterteil		11,0	0,72	1,78	0,94
1	Tip Puntale Elément pointe Spitzelement		1,80	0,63	0,72	0,78

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/Controfreccia/ Contre-flèche/Gegenausleger			[m]	[m]	[m]	[t]
1	Machinery deck / Plancia macchinari / Plateforme des mécanisme / Getriebebühne		8,40	1,62	1,59	6,54
2	Balcony / Ballatoio Plate-Form / Plattform 1		2,82	0,62	1,53	0,13
2	Balcony / Ballatoio Plate-Form / Plattform 2		3,37	0,62	1,53	0,17
1	Slewing-group Gruppo Girevole Groupe d'orientation Drehgruppe		2,89	2,27	2,44	7,09
1	Cabin Platform Ballatoio Cabina Ensemble mat Cabine Drehbühne		3,45	1,60	2,24	3,10
Winch / Argani / Treuil / Winde			[m]	[m]	[m]	[t]
1	Luffing Winch / Argano di Brandeggio / Treuil de Relevage / Einziehwerk		2,20	1,53	1,33	2,27
1	Hoisting Winch / Argano Sollevamento / Treuil de Levage / Hubwerk 110 kW		3,20	1,92	1,44	4,51
1	Hoisting Winch / Argano Sollevamento / Treuil de Levage / Hubwerk 65 kW		2,77	2,13	1,40	3,24

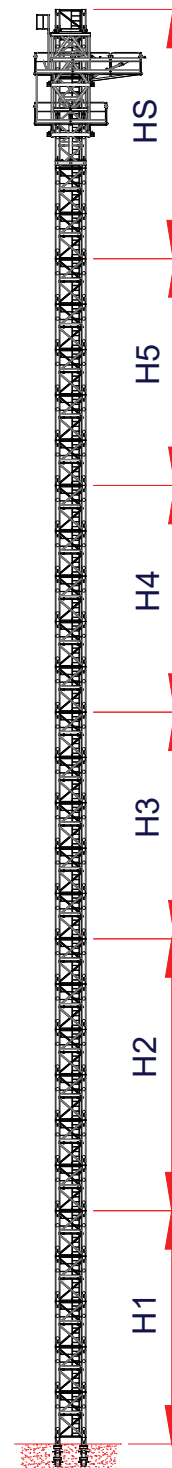
Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Tower /Torre/Mât/Turm			[m]	[m]	[m]	[t]
1	Jacking Element Telaio di Spinta Élément de levage Hubelement		2,75	2,39	2,00	2,49
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS22.0295		2,39	2,24	2,95	3,16
1	Tower section / Elemento Torre / Élément de Mât / Turmstück TS22.0590		2,39	2,24	5,90	5,29
1	Climbing Cage Gabbia di Montaggio Cage de montage Hydraulikbühne (Trasportation)		12,54 (11,90)	2,57 (2,57)	3,00 (1,80)	17,50
4	Foundation Anchors Gambe di Fondazione Jambe a Sceller Gründungspfahl TS22.0200		0,51	0,52	2,00	0,38
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

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 Ballast / Zavorra di Controfreccia / Lest de Contre-flèche/Gegenausleger Ballast			[m]	[m]	[m]	[t]
1	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast A6000		2,8	0,9	1,2	6,00
4	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast B6300		3,8	0,54	1,2	6,30
3	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast C3150		3,8	0,29	1,2	3,15

EXTERNAL CLIMBING
A SOPRALZO IDRAULICO
TELESCOPABLE
KLETTERKRANE

THS22224			
(m)			
H1 MAX	45,5	H1 MIN	33,7
H2 MAX	35,4	H2 MIN	23,6
H3 MAX	35,4	H3 MIN	23,6
H4 MAX	35,4	H4 MIN	23,6
H5 MAX	35,4	H5 MIN	23,6
HS MAX	51,2	HS MIN	39,4
H.U.H MAX	240,2	H.U.H MIN	169,4

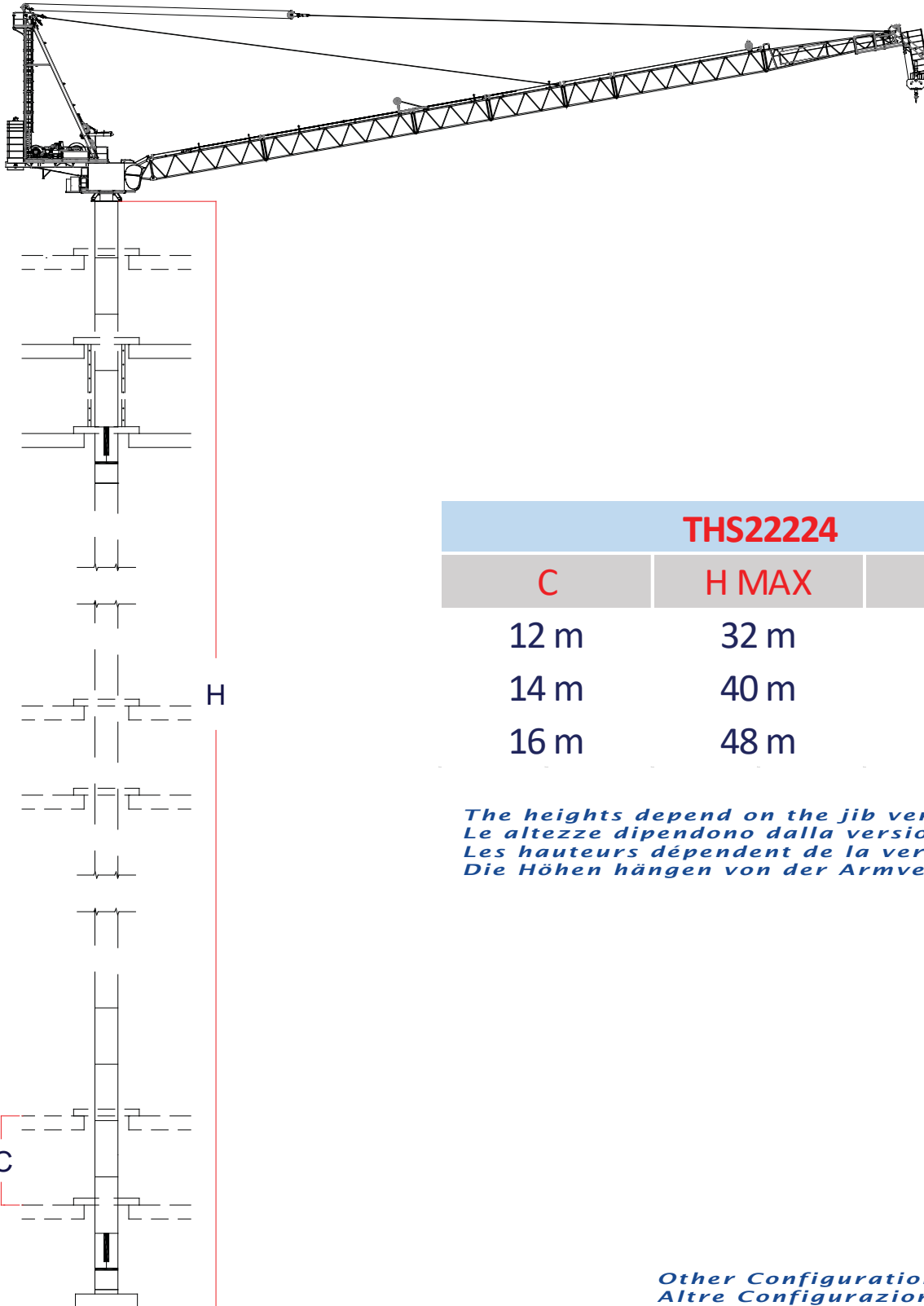
*The heights depend on the jib version
Le altezze dipendono dalla versione di braccio
Les hauteurs dépendent de la version de flèche
Die Höhen hängen von der Armversion ab*



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

OTHER INSTALLATION
ALTRE INSTALLAZIONI
AUTRES INSTALLATIONS
SONSTIGE ANLAGEN

INTERNAL CLIMBING
 RAMPANTE
 TELESCOPABLE SUR DALLES
 KLETTERKRANE IN GEBAUDE



THS22224		
C	H MAX	H MIN
12 m	32 m	20 m
14 m	40 m	28 m
16 m	48 m	36 m

*The heights depend on the jib version
 Le altezze dipendono dalla versione di braccio
 Les hauteurs dépendent de la version de flèche
 Die Höhen hängen von der Armversion ab*

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

ENG

CRANES

Design, engineering, manufacture

ENG CRANES SRL

Via Limido 1/E
42024 Castelnovo di Sotto - RE
Italy

Info + 39 0522 149518
Fax + 39 0522 1495601

commerciale@engcranes.com
www.engcranes.com

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