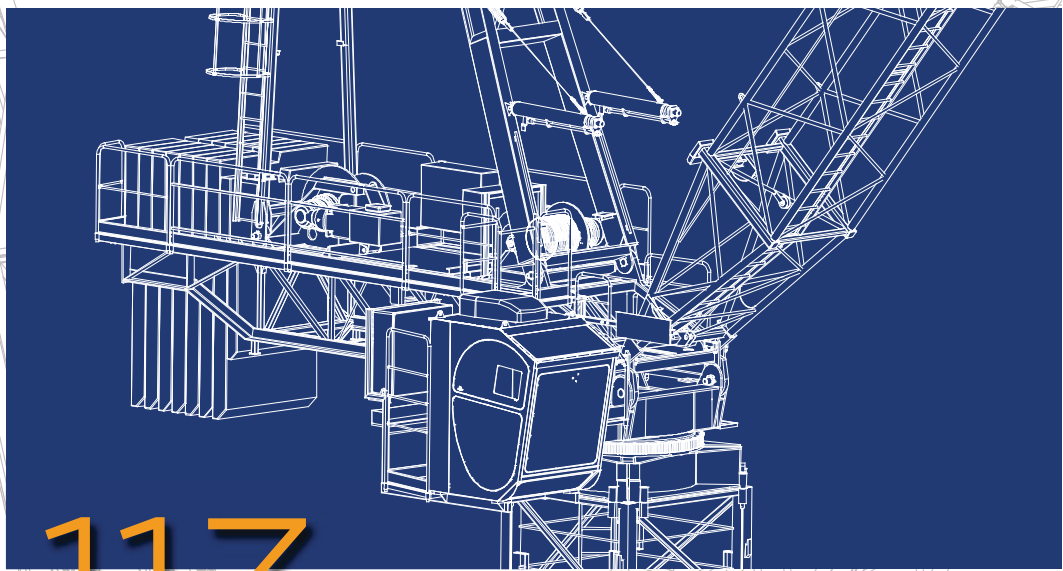


ENG

CRANES

Design, engineering, manufacture

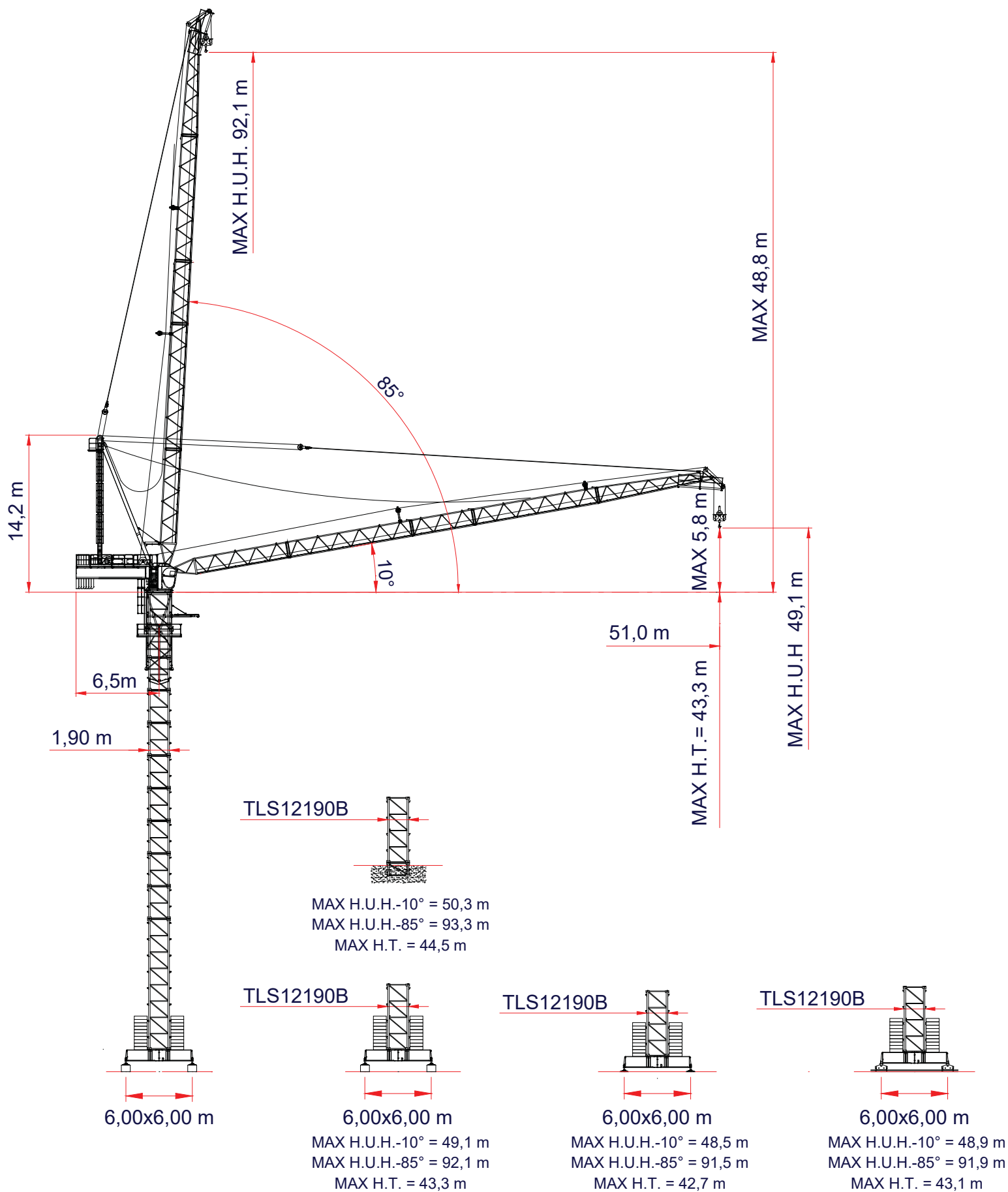


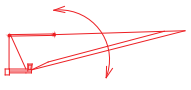
ETL 113

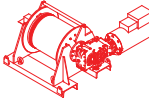
8t

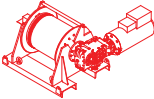
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2017

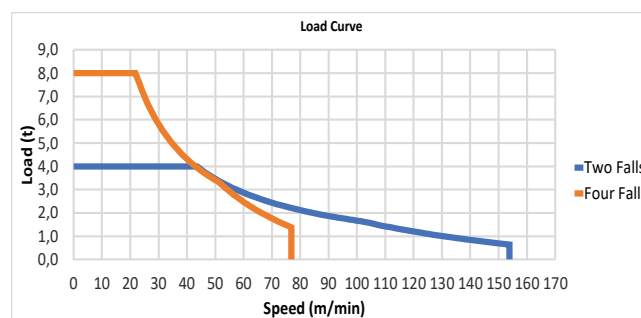
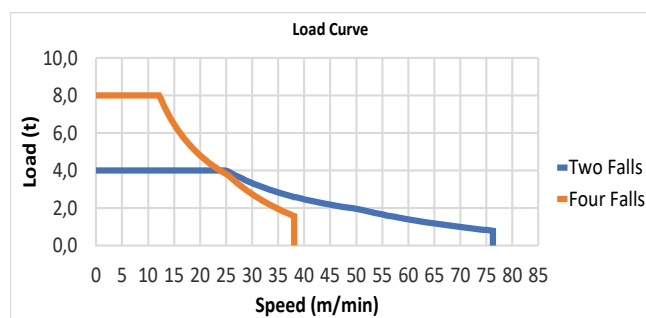
CE EN14439-C25



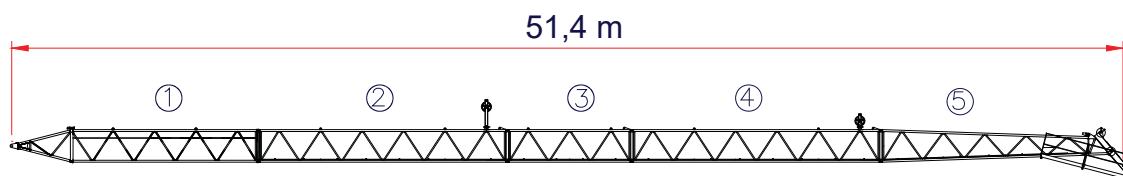
		Speed - Velocità - Vitesse - Geschwindigkeit	Power - Potenza - Puissance - Leistung
Slewing Rotazione Orientation Schwenken		0 → 0,70 r.p.m.	2 x 9,2 kW
Luffing Impennamento Impennage Einziehwirk		1,5 m/min	30 kW
Rail Traslazione Translation Kranfahren		0 → 19,0 m/min	4 x 4,0 kW

Type Tipo Type Type 	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
HW083034BR1000	30	22	348	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	4000	7,0	8000	4,0
2	4000	14,0	8000	7,0
3	4000	26,0	8000	13,0
4	2150	51,0	4180	25,0
5	1270	70,0	2490	35,0
6	790	84,0	1570	42,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	 169 m		 82 m	

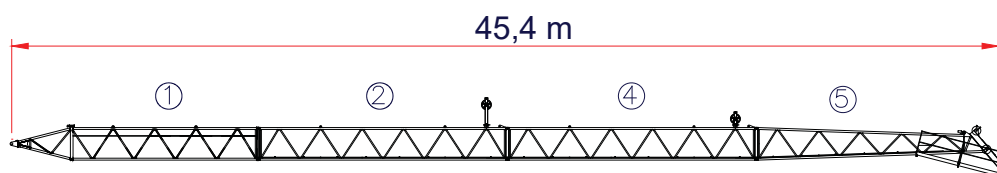
Type Tipo Type Type 	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
HW085050BR1000	50	37	503	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	4000	14,0	8000	7,0
2	4000	28,0	8000	14,0
3	4000	44,0	8000	22,0
4	2100	87,0	4270	43,0
5	1240	127,0	2560	63,0
6	640	165,0	1380	83,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	 245 m		 119 m	



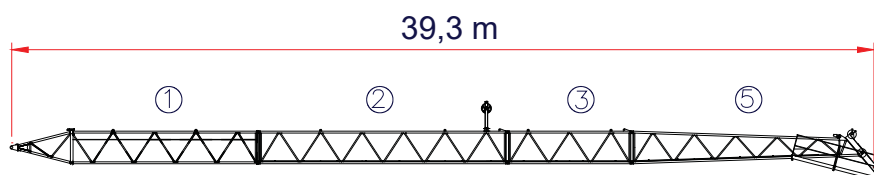
TOTAL INSTALLED POWER FORZA MOTRICE TOTALE PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	22 kW (30 hp) 65 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%	37 kW (50 hp) 83 kVA - 400/480 V - 50/60 Hz ± 5% ± 2%
---	---	---



				JIB (m)	14	18	20	22	28	34	39	45	51
	4 t	→ STD (m)	36,5	STD (t)	4,00	4,00	4,00	4,00	4,00	4,00	3,57	2,45	1,53
		→ L.I.S. (m)	38,5	L.I.S. (t)	4,00	4,00	4,00	4,00	4,00	4,00	3,93	2,69	1,68
				JIB (m)	14	18	20	22	28	34	39	45	51
	8 t	→ STD (m)	24,0	STD (t)	8,00	8,00	8,00	8,00	6,37	4,49	3,34	2,21	1,30
		→ L.I.S. (m)	25,5	L.I.S. (t)	8,00	8,00	8,00	8,00	7,00	4,94	3,68	2,44	1,43



		JIB (m)	14	18	20	22	28	34	39	45		
	4 t	→ STD (m)	36,0	STD (t)	4,00	4,00	4,00	4,00	4,00	3,34	2,13	
		→ L.I.S. (m)	37,5	L.I.S. (t)	4,00	4,00	4,00	4,00	4,00	3,67	2,34	
		JIB (m)	14	18	20	22	28	34	39	45		
	8 t	→ STD (m)	23,5	STD (t)	8,00	8,00	8,00	8,00	6,09	4,26	3,11	1,90
		→ L.I.S. (m)	24,5	L.I.S. (t)	8,00	8,00	8,00	8,00	6,70	4,69	3,42	2,09



				JIB (m)	14	18	20	22	28	34	39
	4 t	➡ STD (m)	36,5	STD (t)	4,00	4,00	4,00	4,00	4,00	4,00	3,43
		➡ L.I.S. (m)	38,0	L.I.S. (t)	4,00	4,00	4,00	4,00	4,00	4,00	3,77
				JIB (m)	14	18	20	22	28	34	39
	8 t	➡ STD (m)	23,5	STD (t)	8,00	8,00	8,00	8,00	6,33	4,49	3,19
		➡ L.I.S. (m)	25,5	L.I.S. (t)	8,00	8,00	8,00	8,00	6,96	4,94	3,51

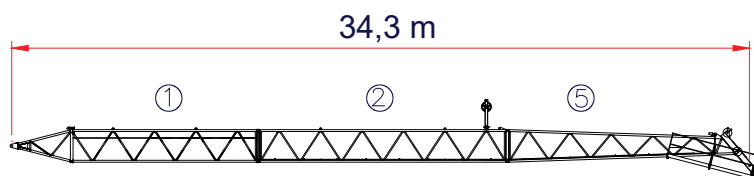
L.I.S. = Load Increase System

All intermediate loads can be increased till a maximum of 10% if the crane is equipped with L.I.S.

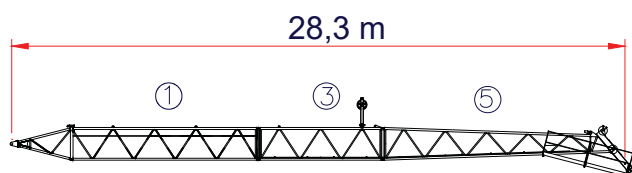
Con il sistema L.I.S. tutte le portate intermedie possono essere aumentate fino ad un massimo del 10%

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.

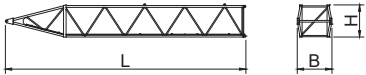
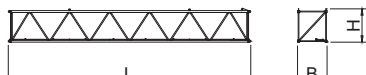
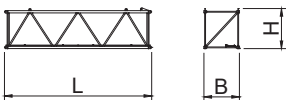
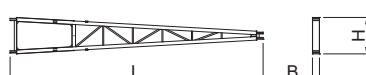
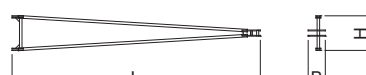
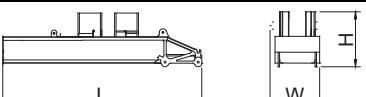
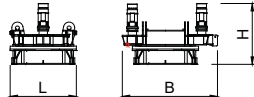
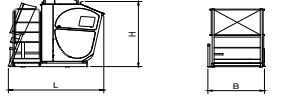


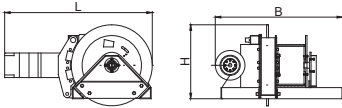
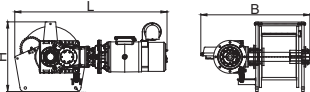
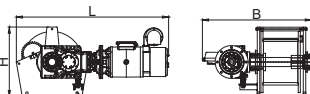
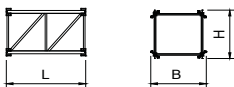
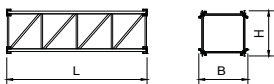
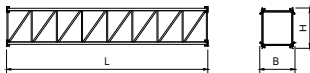
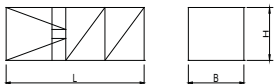
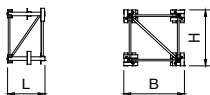
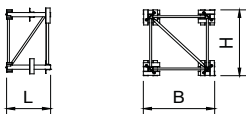
				JIB (m)	14	18	20	22	28	34
	4 t	→ STD (m)	33,5	STD (t)	4,00	4,00	4,00	4,00	4,00	4,00
		→ L.I.S. (m)	34,0	L.I.S. (t)	4,00	4,00	4,00	4,00	4,00	4,00
				JIB (m)	14	18	20	22	28	34
	8 t	→ STD (m)	23,5	STD (t)	8,00	8,00	8,00	8,00	6,23	4,10
		→ L.I.S. (m)	25,0	L.I.S. (t)	8,00	8,00	8,00	8,00	6,86	4,51

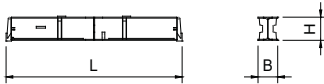
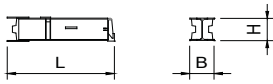
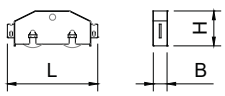
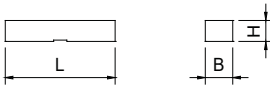


			JIB (m)	14	18	20	22	28
	4 t	➡ STD (m)	27,5	STD (t)	4,00	4,00	4,00	4,00
		➡ L.I.S. (m)	28,0	L.I.S. (t)	4,00	4,00	4,00	4,00
			JIB (m)	14	18	20	22	28
	8 t	➡ STD (m)	23,5	STD (t)	8,00	8,00	8,00	5,50
		➡ L.I.S. (m)	24,5	L.I.S. (t)	8,00	8,00	8,00	5,94

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 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 1		11,37	1,62	1,31	1,20
2	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 2 - 4		11,46	1,21	1,31	0,90
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 3		5,78	1,21	1,31	0,45
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 5		11,61	1,21	2,00	1,30
1	A-Frame inclined panel / Pannello anteriore / Panneau antérieur du porte-flèche / A-Bock Vorderteil		11,96	0,43	1,70	2,45
1	A-Frame vertical panel / Tirante posteriore / Panneau vertical du porte-flèche / A-Bock Hinterteil		11,74	0,75	1,71	1,11
Counter-jib/Controfreccia/ Contre-flèche/Gegenausleger			[m]	[m]	[m]	[t]
1	Machinery deck / Plancia macchinari / Plateforme des mécanisme / Getriebebühne		7,34	2,05	2,29	7,00
1	Slewing-group Gruppo Girevole Groupe d'orientation Drehgruppe		1,78	2,56	1,23	3,86
1	Cabin Platform Ballatoio Cabina Ensemble mat Cabine Drehbühne		3,45	1,60	2,24	0,86

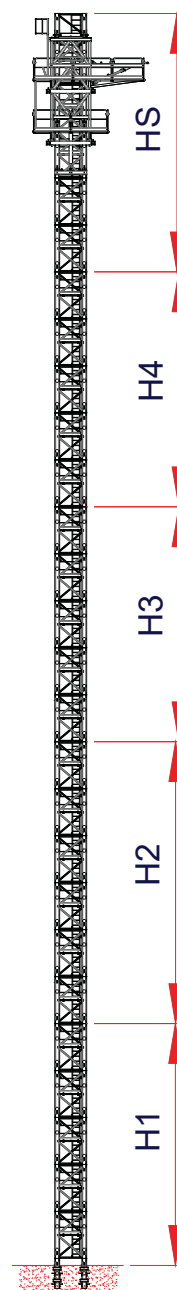
Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Winch / Argani / Treuil / Winde			[m]	[m]	[m]	[t]
1	Luffing Winch / Argano di Brandeggio / Treuil de Relevage / Einziehwerk		1,82	1,40	0,81	1,20
1	Hoisting Winch / Argano Sollevamento / Treuil de Levage / Hubwerk 37 kW		2,20	1,60	1,30	1,75
1	Hoisting Winch / Argano Sollevamento / Treuil de Levage / Hubwerk 22 kW		1,76	1,21	0,81	1,00
Tower / Torre/Mât/Turm			[m]	[m]	[m]	[t]
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 190HC.0295		2,95	2,06	2,10	1,18
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 190HC.0590		5,90	2,06	2,10	2,13
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 190HC.1180		11,80	2,06	2,10	4,00
1	Tower section / Elemento Torre / Élément de Mât / Turmstück 190HCB.1180		11,80	2,06	2,10	5,10
1	Climbing Cage Gabbia di Montaggio Cage de montage Hydraulikbühne (Transportation)		7,16 (7,16)	2,30 (2,30)	2,56 (1,00)	4,74 (4,74)
1	Expendable Foundation Element Tronchetto di Fondazione Elément a Sceller Fundamentanker		1,35	2,18	2,18	0,80
1	Expendable Foundation Element Tronchetto di Fondazione Elément a Sceller Fundamentanker BOOSTER		1,35	2,18	2,18	1,02

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
Base / Base/ Base / Bases 6x6 1,90HC			[m]	[m]	[m]	[t]
1	Base main beam Trave principale della crociera di base Poutre de chassis de base Hauptträger für Kreuzgelenk		8,64	0,78	1,07	4,75
2	Half Base Beam Semitrave della Crociera di Base Semipoutre de chassis de base Halbträger für Kreuzgelenk		4,32	0,68	1,07	2,37
4	Driven Bogie Bilancino di Traslazione Motorizzato Boggie Motorisée Fahrschemel mit Motorantrieb		1,43	0,49	0,54	0,76
4	Concrete pad Blocco di appoggio Sabot en béton Betonfuss		3,60	0,90	0,75	5,52

EXTERNAL CLIMBING
A SOPRALZO IDRAULICO
TELESCOPABLE
KLETTERKRANE

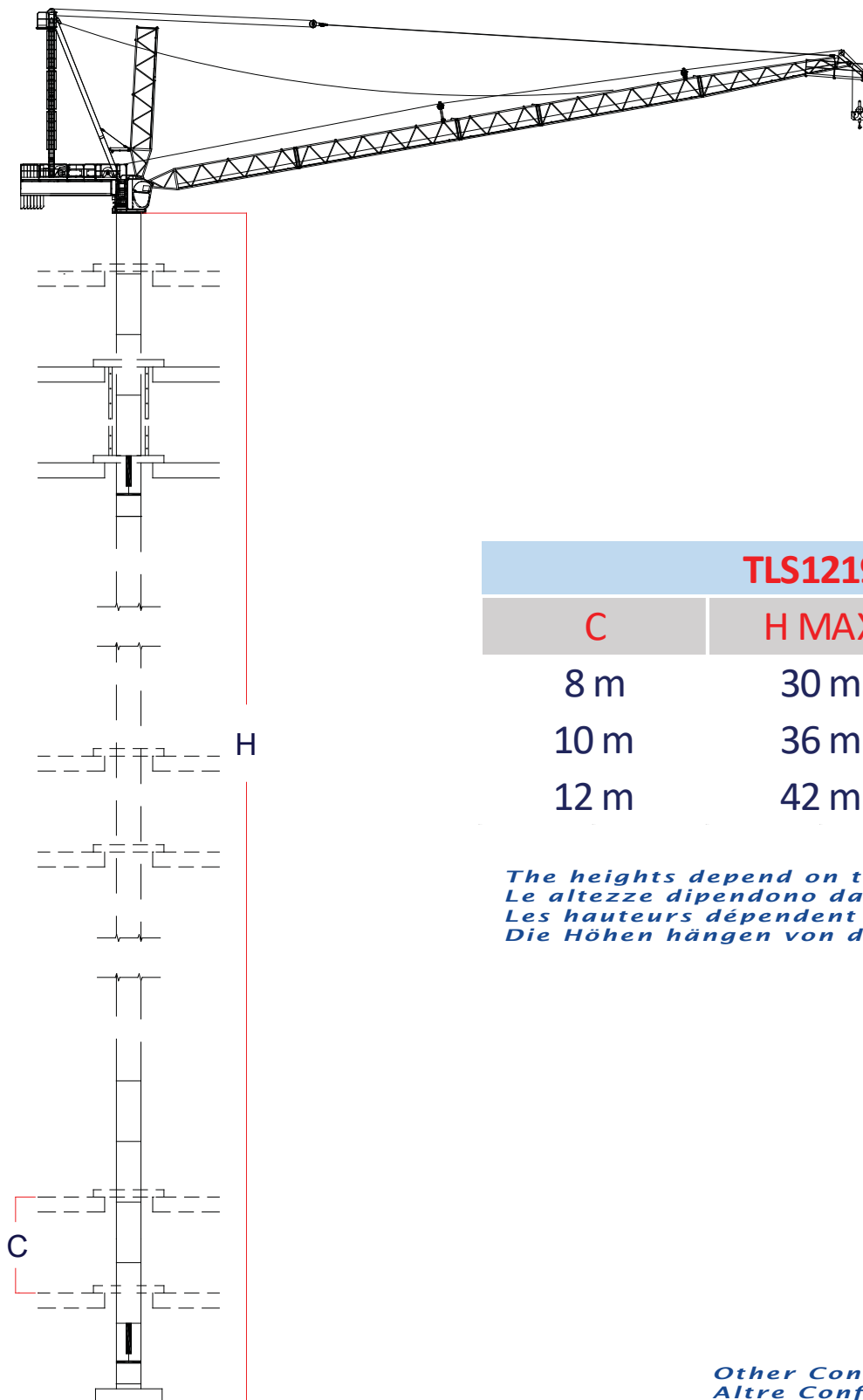
TLS12190			
(m)			
H1 MAX	35,7	H1 MIN	26,8
H2 MAX	20,7	H2 MIN	11,8
H3 MAX	20,7	H3 MIN	11,8
H4 MAX	20,7	H4 MIN	11,8
HS MAX	29,5	HS MIN	20,7
H.U.H MAX	127,1	H.U.H MIN	82,9

*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*

INTERNAL CLIMBING
RAMPANTE
TELESCOPABLE SUR DALLES
KLETTERKRANE IN GEBAUDE

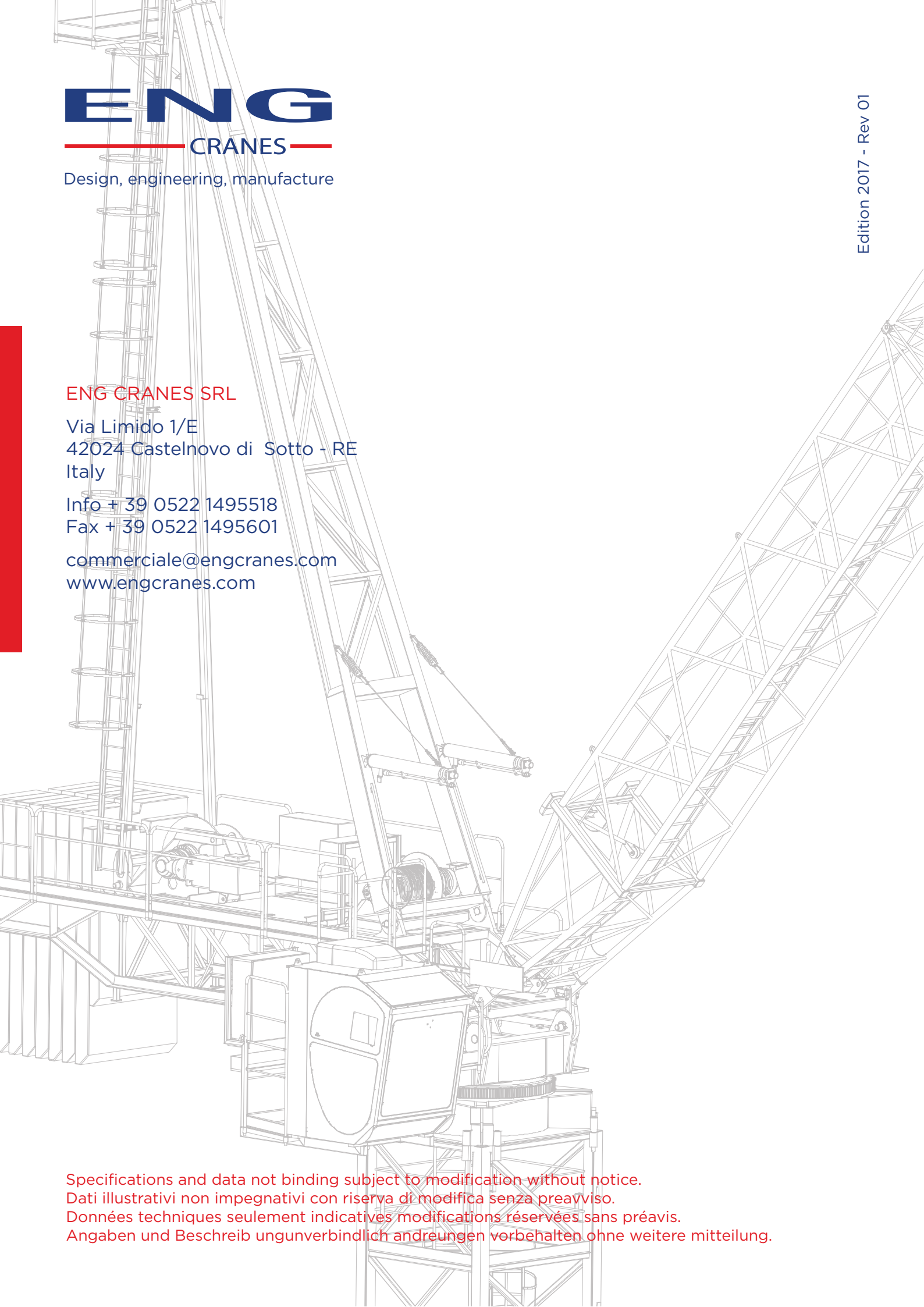


TLS12190		
C	H MAX	H MIN
8 m	30 m	21 m
10 m	36 m	25 m
12 m	42 m	33 m

*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*

NOTE



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Edition 2017 - Rev 01

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Angaben und Beschreibungen unverbindlich Änderungen vorbehalten ohne weitere Mitteilung.