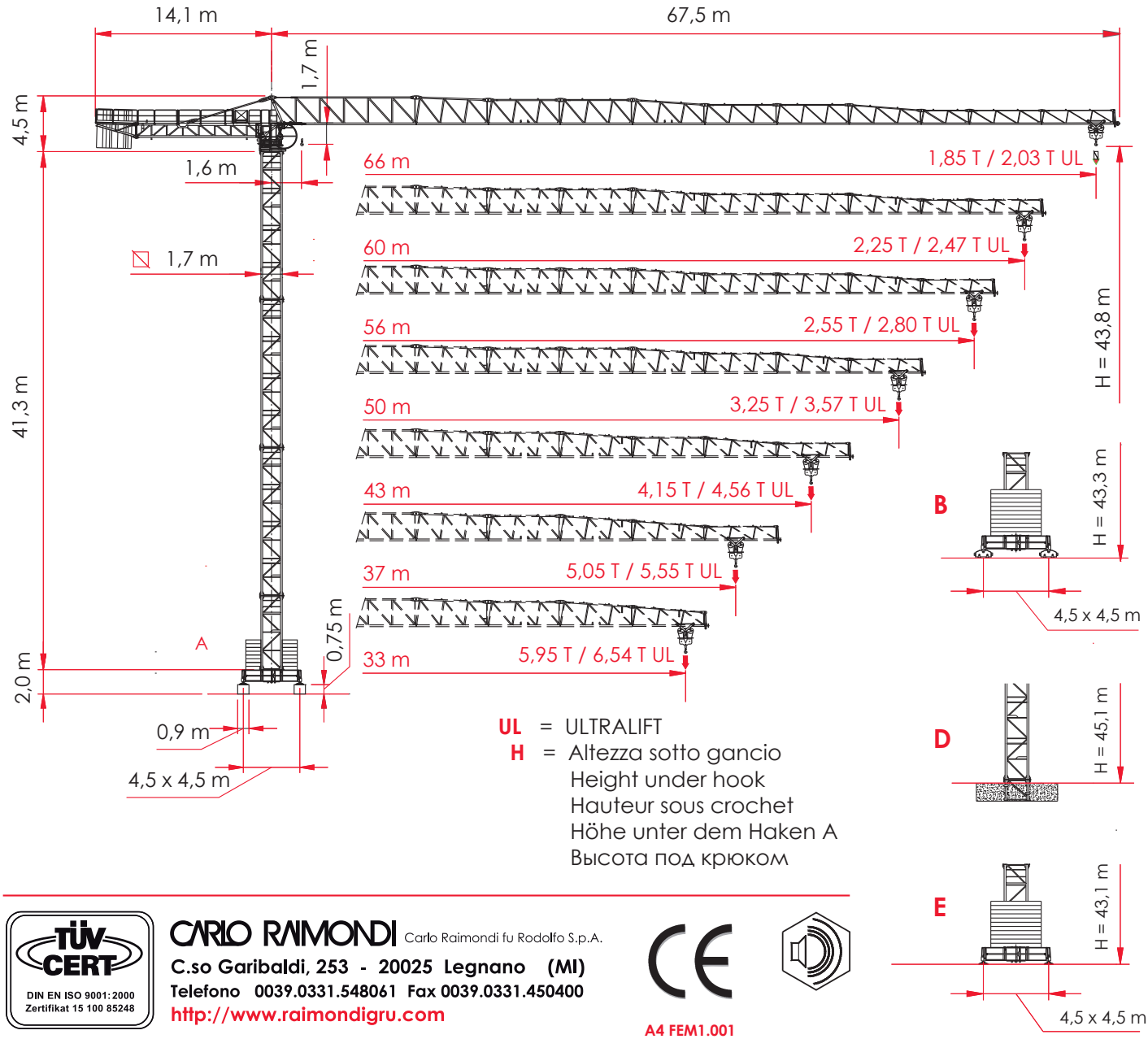
MRT186

Building tower cranes since 1946



UL = ULTRALIFT
H = Altezza sotto gancio
Height under hook
Hauteur sous crochet
Höhe unter dem Haken A
Высота под крюком

TÜV CERT
DIN EN ISO 9001:2000
Zertifikat 15 100 85248

CARLO RAIMONDI Carlo Raimondi fu Rodolfo S.p.A.
C.so Garibaldi, 253 - 20025 Legnano (MI)
Telefono 0039.0331.548061 Fax 0039.0331.450400
http://www.raimondigru.com

CE

A4 FEM1.001

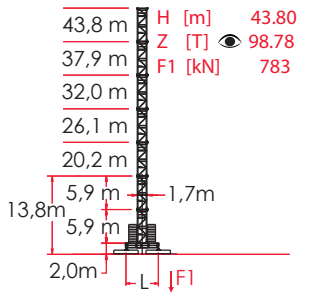
I	GB	F	D	RUS
SCHEDA TECNICA	TECHNICAL DATA SHEET	FICHE TECHNIQUE	TECHNISCHE INFOKARTE	ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ
A GRU SU BLOCCHI	CRANE ON SUPPORT BLOCKS	GRUE SUR BLOCS D'APPUI	KRAN AUF STÜTZBLÖCKEN	КРАН НА ОПОРНЫХ БЛОКАХ
B GRU TRASLANTE	TRANSLATING CRANE	GRUE À TRANSLATION	FAHRBARER KRAN	КРАН ПЕРЕДВИЖНОЙ
D GRU SU PLINTO	CRANE ON PLINTH	GRUE SUR PLINTHE	KRAN AUF FUNDAMENTPLATTE	КРАН НА ФУНДАМЕНТЕ
E GRU SU PIEDI REGOLABILI	CRANE ON ADJUSTABLE FEET	GRUE SUR PIEDS RÉGLABLES	KRAN AUF VERSTELLBAREN FÜSSEN	КРАН НА РЕГУЛИРУЕМЫХ ЛАПАХ

Courtesy of Crane.Market

CONFIGURAZIONE TORRE - REAZIONI - MRT186

TOWER CONFIGURATION - REACTIONS/CONFIGURATION TOUR - RÉACTIONS/ KONFIGURAZION MIT TURM – REAKTIONEN / КОНФИГУРАЦИЯ БАШНИ – РЕАКЦИИ

1,7 L = 4.5 m — A



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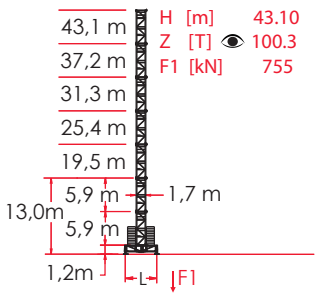

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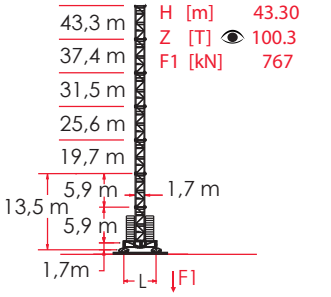
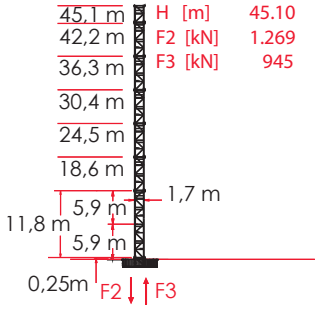


1,7 L = - — D



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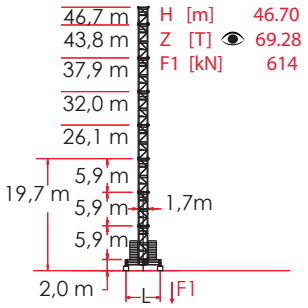
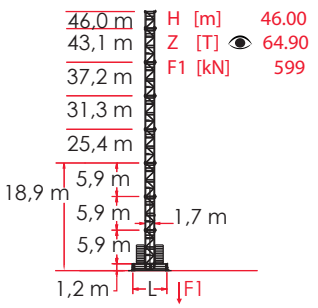
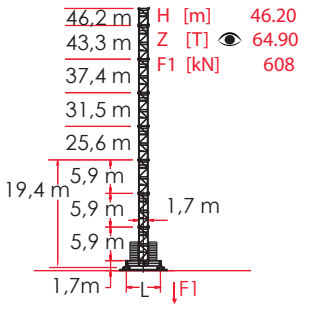


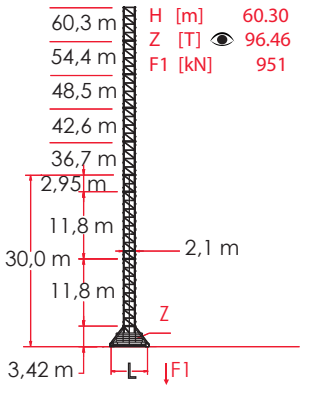
1,7 L = 6.0 m — E



1,7 L = 6.0 m — B



2,1 L = 6.0 m



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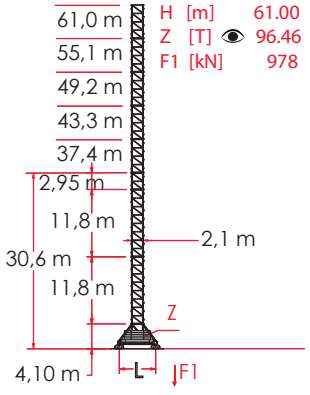

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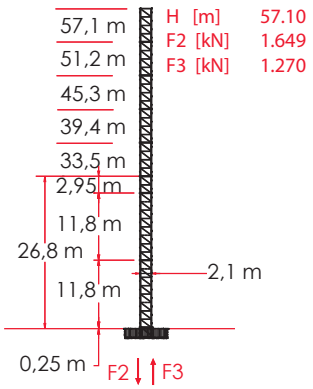
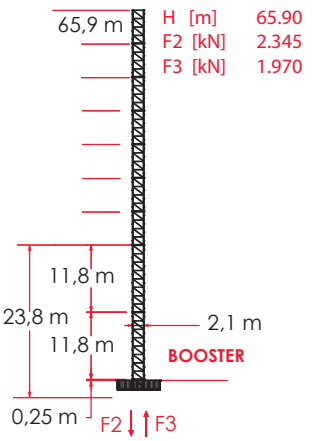


2,1 L = -



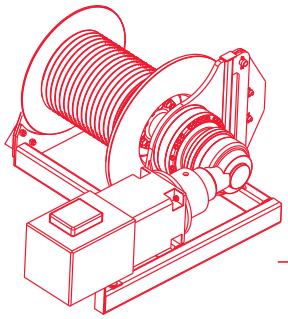
Attenersi alla zavorra indicata / Comply with the specified ballast / S'en tenir au lest indiqué / Unbedingt die angegebenen Ballastwerte einhalten /Соблюдать указанный балласт

I	GB	F	D	RUS
H [m] Altezza sotto gancio	Height under hook	Hauteur sous crochet	Höhe unter dem Haken A	Высота под крюком
Z [T] Zavorra in tonnellate	Ballast in tons	Lest en tonnes	Ballast in Tonnen	Балласт в тоннах
F1 [kN] Sforzi massimi al piede	Max stresses at the foot	Efforts max. au pied	Max. Beanspruchung am Fuss	Макс. усилия на подножие
F2 [kN] Sforzi compressione montante	Bar compression stresses	Efforts compression montant	Max. Kompressionskräfte am Kranbein	Усилия компрессии на стояк
F3 [kN] Sforzi trazione montante	Bar traction stresses	Efforts traction montant	Zugkräfte am Kranbein	Растягивающие усилия на стояк

Courtesy of Crane.Market

CARATTERISTICHE AZIONAMENTI PRINCIPALI

MAIN DRIVE CHARACTERISTICS/ CARACTÉRISTIQUES ACTIONNEMENTS PRINCIPAUX/HAUPTBEDIENUNGSEIGENSCHAFTEN / ХАРАКТЕРИСТИКА ГЛАВНЫХ ПРИВОДОВ



380 VOLT ± 5%

	P						
	CV–ch Ps-hp	kW	m.		Kg.	m/min.	Kg.	m/min.
8.0 T 40 HP – 4/8VF	40	30	240 450 LB	1	4000	7	8000	3,5
				2	4000	21	8000	10,5
				3	4000	35	8000	17,5
				4	2200	56	4400	28
				5	1500	70	3000	35
					0 – 600 (*)	85 (*)	0 – 1200 (*)	42,5
10.0 T 40 HP – 5/10VF	40	30	190	1	5000	6	10000	3
				2	5000	12	10000	6
				3	5000	22	10000	11
				4	3000	34	6000	17
				5	2000	44	4000	22
					0 – 600 (*)	52 (*)	0 – 1200 (*)	26 (*)
8.0 T 60 HP – 4/8VF	60	45	520 LB	1	4000	7	8000	3,5
				2	4000	21	8000	10,5
				3	4000	35	8000	17,5
				4	3000	55	6000	27,5
				5	2000	75	4000	37,5
					0 – 750 (*)	90 (*)	0 – 1500 (*)	45 (*)
10.0 T 60 HP – 5/10VF	60	45	230 430 LB	1	5000	8	10000	4
				2	5000	22	10000	11
				3	5000	38	10000	19
				4	3500	55	7000	27,5
				5	2400	70	4800	35
					0 – 750 (*)	90 (*)	0 – 1500 (*)	45 (*)

08 /05 - 2000 n. 2000/14/CE

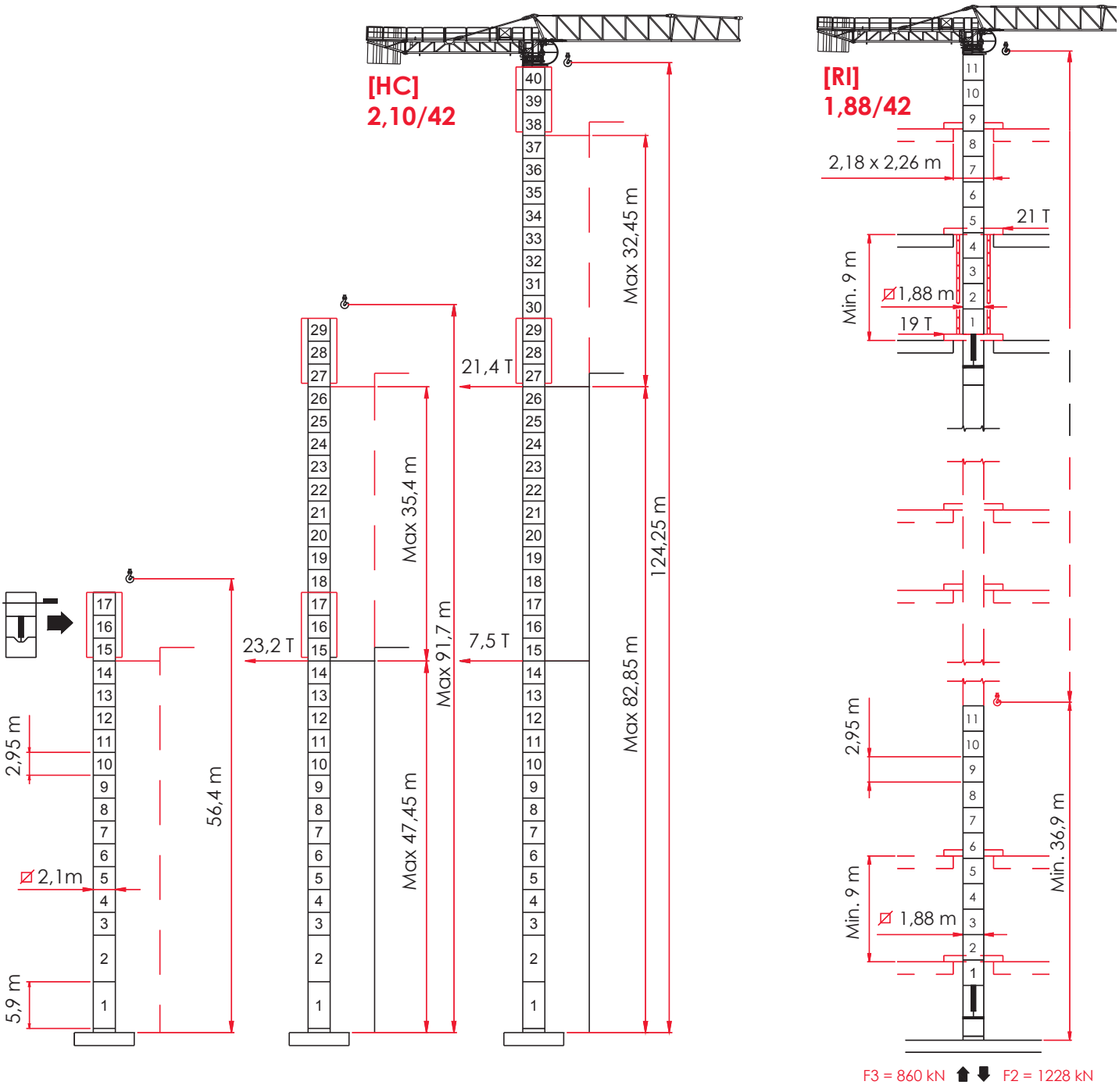
0,26 / 0,48 / 0,7 min $^{-1}$	P = 2 X 4,8 kW	(*) VELOCITÀ REGOLATA AUTOMATICAMENTE DA SENSORE DI CORRENTE SPEED AUTOMATICALLY CONTROLLED BY A CURRENT SENSOR VITESSE RÉGLÉE AUTOMATIQUEMENT PAR CAPTEUR DE COURANT AUTOMATISCH DURCH STROMSENSOR GEREGELTE GESCHWINDIGKEIT СКОРОСТЬ АВТОМАТИЧЕСКИ РЕГУЛИРУЕТСЯ ДАТЧИКОМ ТОКА
18,8 / 35,2 / 54 m/min PROGRESSIVO - PROGRESSIVE - Прогрессивный	P = 6,6 kW	
20 m/min	P = 2 X 4 kW	

I	GB	F	D	RUS
FUNE	ROPE	CABLE	SEILE	ТРОСЫ
MARCIA	STEP	VITESSE	BETRIEB	ПЕРЕДАЧА
CARICO	LOAD	CHARGE	LADUNG	ГРУЗ
VELOCITÀ	SPEED	VITESSE	GESCHWINDIGKEIT	СКОРОСТЬ
P POTENZA	POWER	PUISSANCE	LEISTUNG	МОЩНОСТЬ

Courtesy of Crane.Market

ALTRE INSTALLAZIONI - MRT186

LOADING PLAN / AUTRES INSTALLATIONS / LADEPLAN / Другие установки



I	GB	F	D	RUS
[HC] SOPRALZO IDRAULICO 2,10 / 42	TELESCOPABLE 2,10 / 42	EXTERNAL CLIMBING 2,10 / 42	KLETTERKRANE 2,10 / 42	ГИДРАВЛИЧЕСКОЕ НАРАЩИВАНИЕ 2,10 / 42
[RI] GRU IN CAVEDIO 1,88 / 42	TÉLESCOPAGE SUR DALLES - 1,88 / 42	CLIMBING CRANE 1,88 / 42	KLETTERKRANE IM GEBÄUDE - 1,88 / 42	Поднимающийся на плитах перекрытия 1,88 / 42

Courtesy of Crane.Market

DIAGRAMMA DI PORTATA

RANGE DIAGRAM/ DIAGRAMME DE CHARGE UTILE / BELASTBARKEITSDIAGRAMM /ДИАГРАММА ГРУЗОПОДЪЕМНОСТИ

MRT 186	8.000 Kg. / 4.000 Kg.							10.000 Kg. / 5.000 Kg.						
	33	37	43	50	56	60	66	33	37	43	50	56	60	66
1,6 ▶	24,60	24,07	23,61	23,20	21,85	21,36	20,47	20,39	19,85	19,16	18,61	18,00	17,36	16,65
16	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	10000
18	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	9588	9136
20	8000	8000	8000	8000	8000	8000	8000	10000	10000	9958	9330	8856	8485	8080
22	8000	8000	8000	8000	7937	7731	7363	9474	9228	8925	8356	7927	7591	7224
24	8000	8000	8000	7801	7182	6993	6657	8568	8347	8070	7551	7159	6852	6517
26	7830	7611	7498	7116	6546	6373	6063	7810	7607	7352	6874	6513	6231	5922
28	7194	6990	6886	6533	6005	5844	5557	7163	6975	6739	6296	5962	5701	5415
30	6645	6456	6358	6029	5538	5388	5121	6606	6431	6211	5799	5487	5244	4978
32	6167	5989	5898	5590	5131	4991	4741	6120	5956	5750	5365	5073	4846	4597
33	5950	5778	5690	5392	4946	4810	4568	5900	5741	5542	5168	4886	4665	4424
36		5216	5136	4862	4455	4331	4110		5169	4987	4645	4387	4185	3965
37		5050	4972	4706	4310	4189	3974		5000	4823	4490	4239	4043	3829
40			4529	4284	3918	3807	3608			4380	4073	3841	3660	3462
42			4270	4037	3689	3583	3394			4120	3828	3608	3436	3247
43			4150	3922	3583	3479	3295			4000	3715	3500	3332	3148
46				3609	3292	3195	3023				3405	3204	3047	2875
48				3422	3118	3026	2861				3220	3027	2877	2713
50				3250	2959	2870	2712				3050	2865	2721	2564
52					2812	2727	2575					2716	2577	2426
54					2676	2594	2448					2578	2445	2299
56					2550	2471	2330					2450	2321	2181
58						2357	2221						2207	2071
60						2250	2118						2100	1969
62							2023							1873
64							1934							1784
66							1850							1700
				+ 100 Kg							+ 150 Kg			

UL [ULTRALIFT]

Con il sistema ULTRALIFT tutte le portate intermedie aumentano il carico del 10%
All intermediate loads are increased of 10% if the crane is equipped with ULTRALIFT control
Les charges intermediaires sont augmentes de 10% si la grue est équipée avec controle ULTRALIFT
Mit dem ULTRALIFT-System erhöhen alle Zwischenbelastbarkeiten die Last um 10%
с системой ultralift все промежуточные грузоподъемности увеличиваются на 10%

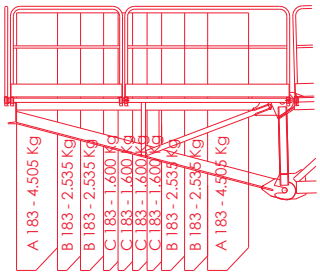
I	GB	F	D	RUS
TIRO A DUE FUNI	TWO-ROPE PULL	TIR À DEUX CÂBLES	ZUG AN ZWEI SEILEN	ДВУКРАТНАЯ ЗАПАСОВКА ТРОСОВ
TIRO A QUATTRO FUNI	FOUR-ROPE PULL	TIR À QUATRE CÂBLES	ZUG AN VIER SEILEN	ЧЕТЫРЕХКРАТНАЯ ЗАПАСОВКА ТРОСОВ
CAMPO DI PORTATA MASSIMA DA 1,6 m	MAX S.W.L. RANGE FROM 1.6 M	GAMME DE CHARGE UTILE MAXIMUM EN 1.6 M	MAX. BELASTBARKEITSBEREICH VON 1.6 M	ДИАПАЗОН МАКС. ГРУЗОПОДЪЕМНОСТИ, ОТ 1,6 М
INFO UFF. TECNICO RAIMONDI	RAIMONDI TECHNICAL INFORMATION DEPARTMENT	INFORMATIONS BUREAU TECHNIQUE RAIMONDI	INFORMATIONEN TECHNISCHE ABTEILUNG RAIMONDI	ЗАПРОСИТЕ ИНФОРМАЦИЮ В ТЕХНИЧЕСКОМ ОТДЕЛЕ RAIMONDI

Courtesy of Crane.Market

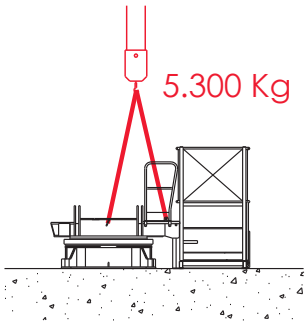
CONTRAPPESI - MONTAGGIO E PUNTI D'IMBRACAGGIO - MRT186

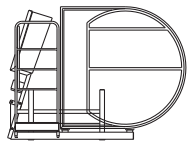
COUNTERWEIGHTS – ASSEMBLY AND SLINGING POINTS / CONTREPOIDS – MONTAGE ET POINTS D'ÉLINGAGE / GEGENGEWICHTE – MONTAGE UND ANSCHLAGPUNKTE / ПРОТИВОВЕСЫ – УСТАНОВКА И ТОЧКИ КРЕПЛЕНИЯ

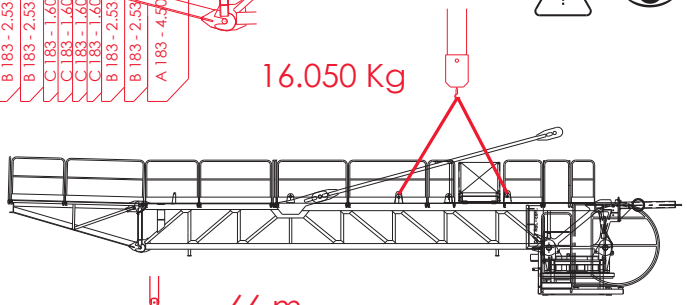
m		Kg.Totali
66,00	2 A + 4 B + 4 C	25.550
60,00	2 A + 4 B + 2 C	22.350
56,00	2 A + 4 B + 1 C	20.750
50,00	2 A + 3 B + 1 C	18.215
43,00	2 A + 2 B + 1 C	15.680
37,00	2 A + 1 B + 1 C	13.145
33,00	2 A + 1 B	11.545
27,50	2 A	09.010

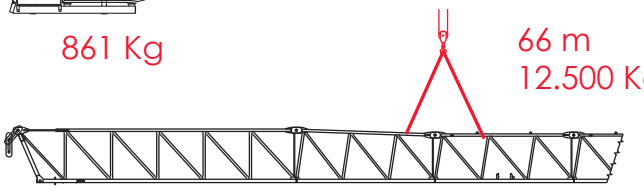


A183 4.505
B183 Kg. 2.535
C183 kg. 1.600









	I	GB	F	D	RUS
	BILANCIAMENTO CONTRAPPESI	COUNTERWEIGHT BALANCING	ÉQUILIBRAGE CONTREPOIDS	AUSWUCHTUNG DER GEGENGEWICHTE	БАЛАНСИРОВКА ПРОТИВОВЕСОВ
	VERIFICA DEI PUNTI DI IMBRACAGGIO	SLINGING POINT CHECK	VÉRIFICATION DES POINTS D'ÉLINGAGE	ÜBERPRÜFUNG DER ANSCHLAGPUNKTE	ПРОВЕРКА ТОЧЕК КРЕПЛЕНИЯ
	ATTENERSI AL NUMERO E TIPO DI BLOCCHI DI CONTRAPPESO INDICATO IN TABELLA	PLEASE COMPLY WITH THE NUMBER AND TYPE OF COUNTERWEIGHT BLOCKS GIVEN IN THE CHART	S'EN TENIR AU NOMBRE ET AU TYPE DE BLOCS DE CONTREPOIDS INDIQUÉ DANS LE TABLEAU	DIE ANZAHL UND DEN TYP DER IN DER TABELLE ANGEGEBENEN GEGENGEWICHTSBLÖCKE EINHALTEN	СОБЛЮДАТЬ КОЛИЧЕСТВО И МОДЕЛЬ ПЛИТ ПРОТИВОВЕСА, УКАЗАННЫХ В ТАБЛИЦЕ
	RICHIESTA INFORMAZIONI UFFICIO TECNICO RAIMONDI	RAIMONDI TECHNICAL INFORMATION DEPARTMENT	INFORMATIONS BUREAU TECHNIQUE RAIMONDI	INFORMATIONEN TECHNISCHE ABTEILUNG RAIMONDI	СПРАВКИ В ТЕХНИЧЕСКОМ ОТДЕЛЕ RAIMONDI

DISTRIBUTORE / DEALER / DISTRIBUTEUR / VERTEILER / ДИЛЕР

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00 39.0331.450400
00 39.0331.548061
00 39.0331.548061.258

TÜV CERT
DIN EN ISO 9001: 2000
Zertifikat n° 15 100 85248

MRT 186 [rev. 00.2009] - ADL / UT - I DATI OGGETTO DELLA PRESENTE SCHEDA POTREBBERO SUBIRE MODIFICHE SENZA PREAVVISO

Courtesy of Crane.Market