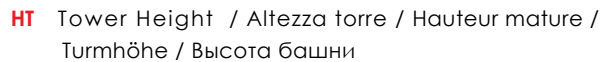




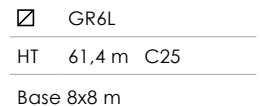
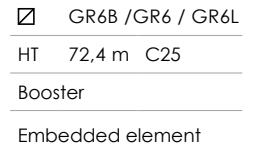
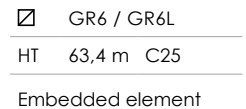
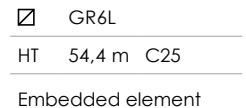
The Raimondi LR330 luffing jib crane may be equipped with two different hoisting winches: standard installed power of 80kW or the two falls configuration with the more powerful 110kW



RAIMONDI® LR330
SINCE 1863



Out of service radius / angles



EN 14439 C25 D25 - FEM 1.001

	IT	EN	F	DE	RU
	Altezza sotto gancio	Height under hook	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком
	Contrappesi	Counter weight jib ballast	Lest de contre-flèche	Gegenauslegerballast	Противовесы
	Freccia	Jib	Flèche	Kranarm	стрела крана
	Carico massimo	Max load	Charge maximale	Maximale Belastung	максимальная нагрузка
	Curva di carico Ultralift	Load diagrams with ultralift control	Courbes de charges Ultralift	Lastkurven Ultralift	Кривой Груз Ultralift
	Altezza libera	Free Standing	Hauteur libre	Freistehend	Свободностоящая высота
	Azionamenti	Mechanisms	Mécanismes	Antriebe	Приводы
	Velocità	Speed	Vitesse	Geschwindigkeit	скорость
	5 marce con velocità proporzionale al carico	5 step with speed proportional to the load	5 rapports avec une vitesse proportionnelle à la charge	5 Gang Geschwindigkeit proportional zum Last	Автоматический выбор скорости механизма подъема в зависимости от величины груза
	Tiro a 2 funi	Two - rope pull	Tir à deux câbles	Zug an zwei Seilen	Двукратная запасовка тросов
	Tiro a 4 funi	Four - rope pull	Tir à quatre câbles	Zug an vier Seilen	Четырехкратная запасовка тросов
	Totale metri fune tamburo	Total meters rope drum	Total des mètres de corde du tambour	Total Meter Seil Trommel	Запас троса на барабане в метрах
	Diametro fune	Rope diameter	Diamètre du câble	Seildurchmesser	Диаметр троса
	Rotazione	Slewing	Orientation	Schwenken	Поворот
	Braccio impennabile	Luffing jib	Flèche rélevable	Arm mit erhöht	Стрела крана подъемный
	Traslazione	Travelling	Translation	Kranfahren	Перемещение крана

STANDARD



2000 / 14 / CE

18 t 150 hp 110 kW

STEP



400 V $\pm$ 5% 50 Hz



900 m

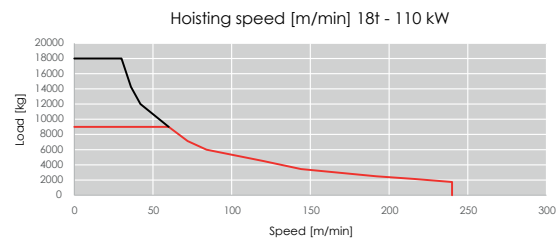


286 kVA



Ø 24 mm

		m/min	kg	m/min	kg
1		24	9 000	12	18 000
2		60	9 000	30	18 000
3		120	4 500	60	9 000
		↓	↓	↓	↓
4		192	2 500	96	5 000
		↓	↓	↓	↓
5		240	1 750	120	3 500



The speed at which loads are lifted or lowered is automatically regulated by the control system.

kVA **Power required** / Potenza richiesta / Puissance requise / Erforderliche Leistung / Потребляемая мощность



0 / 0,8 r.p.m. ▪ 2 x 15 kW /



14,5° / 85°

1,8 min ▪ 75 kW /



- m/min ▪ _ x _ kW



LR330 - 9,0t UL

Jib	30,0 m	35,0 m	40,0 m	45,0 m	50,0 m	55,0 m	60,0 m
9 t ►	30 m	35 m	40 m	42 m	40 m	38 m	37 m
28	9000	9000	9000	9000	9000	9000	9000
29	9000	9000	9000	9000	9000	9000	9000
30	9000	9000	9000	9000	9000	9000	9000
33		9000	9000	9000	9000	9000	9000
35		9000	9000	9000	9000	9000	9000
38			9000	9000	9000	9000	8724
40			9000	9000	8903	8589	8021
43				8944	7974	7644	7088
45				8250	7420	7083	6535
48					6671	6328	5790
50					6380	5873	5343
53						5253	4734
55						4840	4363
58							3853
60							3520

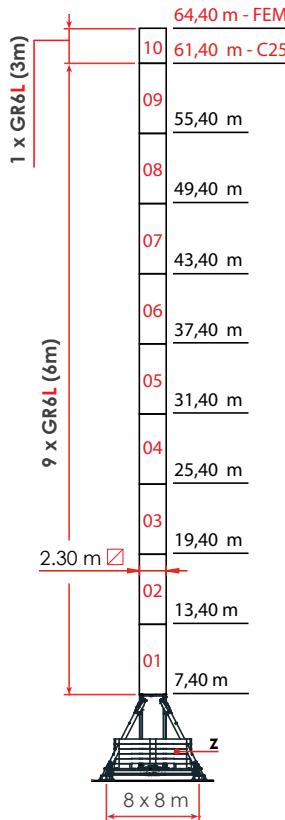


LR330 - 18,0t UL

Jib	30,0 m	35,0 m	40,0 m	45,0 m	50,0 m	55,0 m	60,0 m
18 t ►	23 m	24 m	25 m	25 m	23 m	25 m	26 m
23	18000	18000	18000	18000	18000	16000	14000
24	17834	18000	18000	18000	17924	16000	14000
25	16974	17853	18000	18000	17031	16000	14000
26	16178	17005	17186	17956	16205	15346	14000
28	14756	15493	15683	16325	14727	13909	13270
29	14116	14817	15008	15595	14064	13263	12632
30	13517	14186	14377	14914	13444	12660	12035
33		12529	12711	13125	11807	11067	10461
35		11208	11756	12104	10869	10155	9559
38			10510	10778	9645	8964	8383
40			9680	10005	8929	8268	7695
43				8982	7978	7343	6782
45				8030	7414	6794	6239
48					6653	6055	5510
50					6160	5611	5071
55						4620	4110
60							3300

ULTRALIFT If the crane is not equipped with Ultralift control, all intermediate loads are decreased by 10% / Senza il sistema Ultralift tutte le portate intermedie diminuiscono il carico del 10%

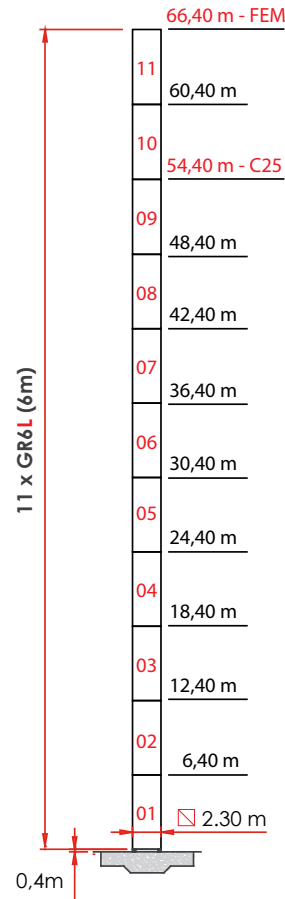
☐ 2,3 m GR6L E



Base 8,0 x 8,0 m		FEM 1.001					
HT	60m	55m	50m	45m	40m	35m	30m
[m]	Z [t]						
64,4							196
61,4					196	186	166
58,4				196	176	156	146
55,4		186	176	156	136	126	
52,4		176	166	146	136	116	106
49,4	176	156	146	126	116	96	86
43,4	136	116	96	86	76	66	56
37,4	96	86	56	46	46	46	46
31,4	66	56	46	46	46	46	46
25,4	46	46	46	46	46	46	46
19,4	46	46	46	46	46	46	46

Base 8,0 x 8,0 m		EN14439 C25					
HT	60m	55m	50m	45m	40m	35m	30m
[m]	Z [t]						
61,4							176
58,4					186	166	156
55,4				176	166	146	126
52,4		186	176	156	136	126	106
49,4	186	166	146	136	116	106	86
43,4	146	116	106	86	76	66	56
37,4	96	76	66	56	46	46	46
31,4	56	46	46	46	46	46	46
25,4	46	46	46	46	46	46	46
19,4	46	46	46	46	46	46	46

☐ 2,3 m GR6L D1

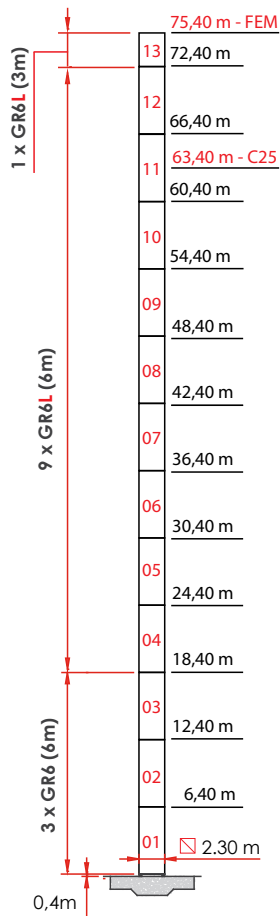


FEM	1.001
Jib [m]	HT [m]
30	66,4
35	63,4
40	60,4
45	57,4
50	54,4
55	51,4
60	48,4

EN 14439	C25
Jib [m]	HT [m]
30	54,4
35	54,4
40	51,4
45	48,4
50	48,4
55	45,4
60	42,4

Jib	Jib length	HT (m)	Total tower height	A	Base on concrete pads
B	Travelling base	D	Crane on embedded	E	Base on steel pads

2,3 m GR6 / GR6L D2



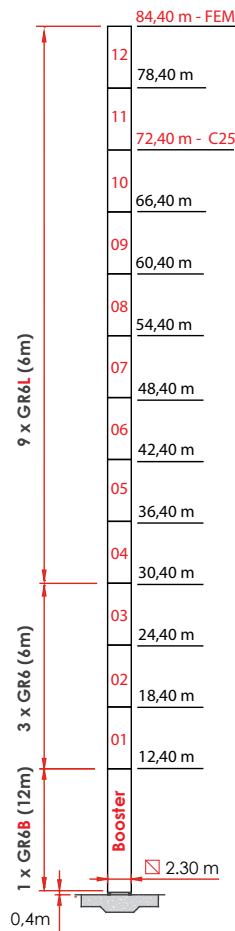
FEM 1.001

Jib [m]	HT [m]
30	75,4
35	72,4
40	72,4
45	69,4
50	66,4
55	63,4
60	60,4

EN 14439 C25

Jib [m]	HT [m]
30	63,4
35	63,4
40	60,4
45	57,4
50	57,4
55	54,4
60	51,4

2,3 m GR6B/GR6/GR6L D3



FEM 1.001

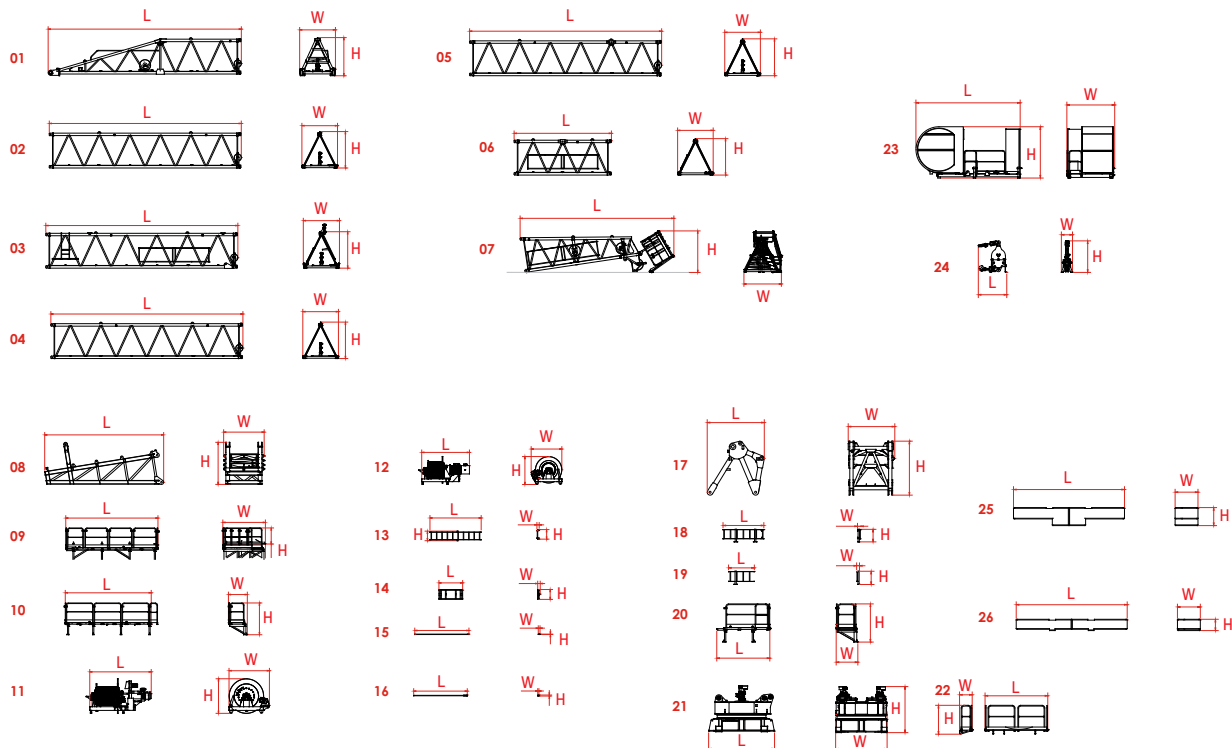
Jib [m]	HT [m]
30	84,4
35	81,4
40	78,4
45	78,4
50	75,4
55	75,4
60	72,4

EN 14439 C25

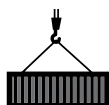
Jib [m]	HT [m]
30	72,4
35	72,4
40	69,4
45	66,4
50	66,4
55	63,4
60	60,4

Jib	Jib length	HT (m)	Total tower height	A	Base on concrete pads
B	Travelling base	D	Crane on embedded	E	Base on steel pads

JIB AND COUNTER-JIB PACKING LIST



10 x 13,60 m



3 x 40 High cube

2 x 40 Open Top

6 x 40 Box

LR330 _Jib 60 m ▀

Top part / Parte rotante / Partie tournante / Drehender Kranteil / Поворотная часть

Included counter weight and cabin / Cabina e contrappesi inclusi / Cabine et contrepoids inclus / Kabine und Gegengewichts Blöcke –inbegriffen / Противовес включен - кабина

L (m) Length of the element

H (m) Height of the element

W (m) Width of the element

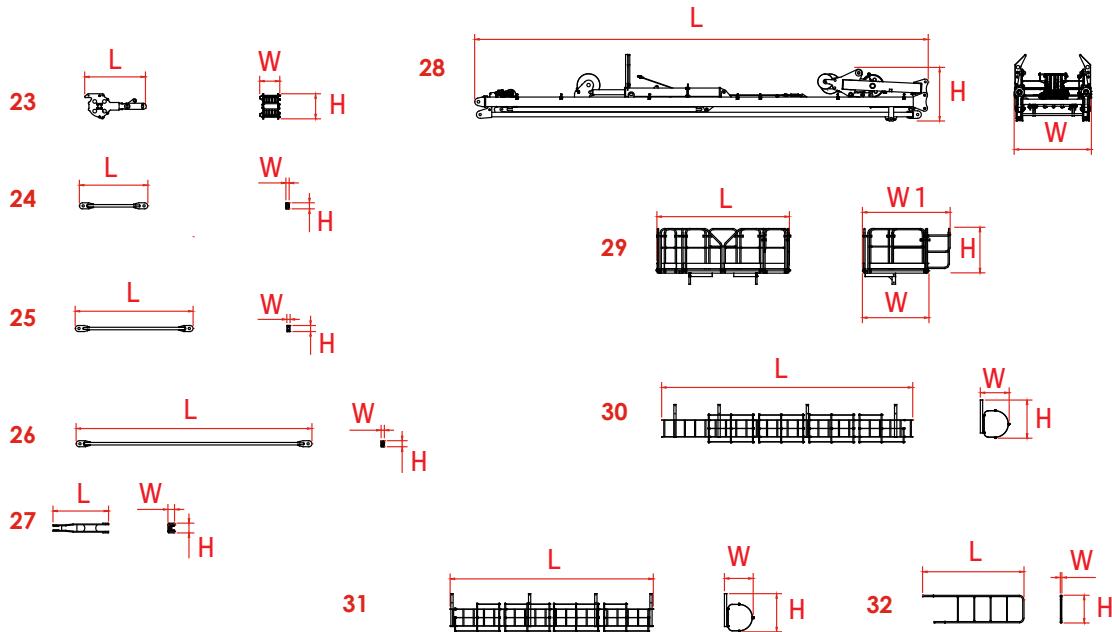
Kg Unit weight

JIB AND COUNTER-JIB PACKING LIST

Jib and Counter-jib Elements			DIMENSIONS [m]			
UNIT	POS.	QUANTITY	L	W	H	Kg
Jib element*	01	1	10 443	1 933	2 061	2 822
Jib element	02	1	10 383	1 925	1 969	1 480
Jib element*	03	1	10 383	1 953	1 969	1 466
Jib element	04	1	10 383	1 925	1 969	1 369
Jib element	05	1	10 383	1 925	1 992	1 431
Jib element	06	1	5 260	1 925	1 969	845
Jib element	07	1	8 314	2 027	2 243	1 666
Counter-jib	08	1	6 433	2 190	2 273	4 045
Balcony (left side)	09	1	4 984	2 300	2 717	882
Balcony (right side)	10	1	4 684	1 022	1 717	308
Hoisting winch with rope (110 kW)	11	1	3 323	2 183	1 870	6 524
Luffing winch with rope (75 kW)	12	1	2 580	1 660	1 512	3 156
Counterweight access ladder	13	1	2 770	123	516	30
Counterweight fixing system	14	1	1 264	135	534	7
External tie Counterweight	15	1	2 930	94	24	11
internal tie Counterweight	16	1	2 895	65	54	12
A-Frame Support	17	1	2 570	2 100	2 430	3 141
External ladder (left side)	18	1	1 840	145	566	32
External ladder (right side)	19	1	1 160	130	596	18
A-Frame support balcony	20	1	2 390	975	1 717	148
Slewing unit	21	1	2 970	2 320	2 074	10 351
Slewing unit balcony	22	1	2 825	571	1 304	97
Balcony with Cabin and electrical cabin	23	1	4 696	2 155	2 310	2 067
Hook Block	24	1	1 281	500	1 422	675
Counter-weight 21510_01	25	1	5 000	1 030	810	6 600
Counter-weight 21510_02	26	5	5 000	1 030	510	5 200

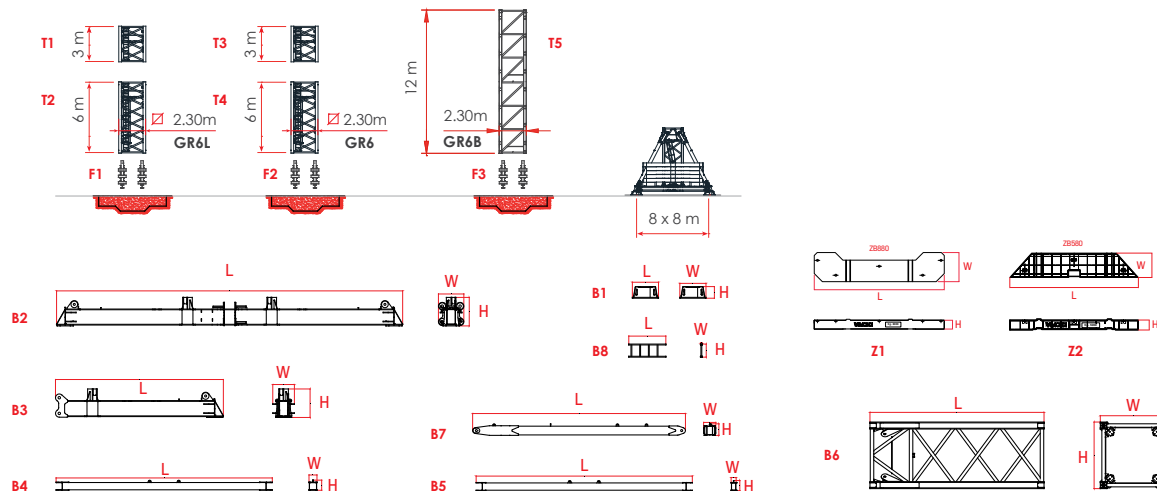
* With platform and accessories

A-FRAME PACKING LIST



A-Frame Elements		DIMENSIONS [m]				UNIT WEIGHT
UNIT	POS.	QUANTITY	L	W	H	Kg
Mobile sheave block for luffing rope	23	1	1 597	660	528	296
Tie short	24	1	1 800	85	160	60
Tie medium	25	3	3 100	85	160	281
Tie long	26	4	6 200	85	160	697
Tie	27	1	1 460	175	255	96
Counter-jib A-frame unit	28	1	11 922	2 030	1 750	5 730
Balcony	29	1	3 485	1 750	1 467	350
Top Ladder	30	1	6 600	757	1 005	135
Bottom Ladder	31	1	5 340	757	1 005	120
Removable handrails	32	1	2 667	43	733	15

TOWER AND BASE PACKING LIST



Tower 2,30 m and base package list

				DIMENSIONS [m]			UNIT WEIGHT	
UNIT	POS.	QUANTITY	L	W	H	Kg	H	Kg
Tower element	GR6L	3,0	T1	1	3,000	2,290	2,276	2 680
Tower element		6,0	T2	1	6,000	2,290	2,276	4 865
Tower element	GR6	3,0	T3	1				
Tower element		6,0	T4	1	6,000	2,340	2,318	5 920
Tower element	GR6B	12,0	T5	1	12,000	2,550	2,320	15 620
Foundation legs GR6L				4	2,135	0,60	0,60	467 x 4
Foundation legs GR6				4	2,515	0,80	0,80	810 x 4
Foundation legs GR6B				4	2,525	0,80	0,80	960 x 4
Crossbase support			B1	4	0,900	900	400	352
Crossbase long beam			B2	1	11,915	875	980	3 415
Crossbase short beam			B3	2	5,780	745	980	1 625
Crossbase traverse			B4	2	7,440	275	347	288
Crossbase traverse			B5	2	7,440	174	347	468
Crossbase tower element			B6	1	5,990	2,300	2,300	5,428
Crossbase struts			B7	4	7,324	420	397	683
Crossbase access ladder			B8	1	1,275	60	45	10
Main ballast	ZB880		Z1	2	6,650	450	1,490	8 000
Ballast	ZB580		Z2	-	5,580	450	1,100	5 000



www.raimondi.co



Raimondi Cranes is proudly headquartered in our ancestral home of Legnano

Corso Garibaldi, 253 • 20025 Legnano • Milan, Italy

T +39 0331 548 061 r.a. | +39 0331 545 308 r.a. | F +39 0331 450 400 | info@raimondicranes.com

DATA SHEETS REV.00.2019 / ADL



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