

Technical data sheet
(Oct. 2019)

LT 14 RD

Additional weights

MiDi

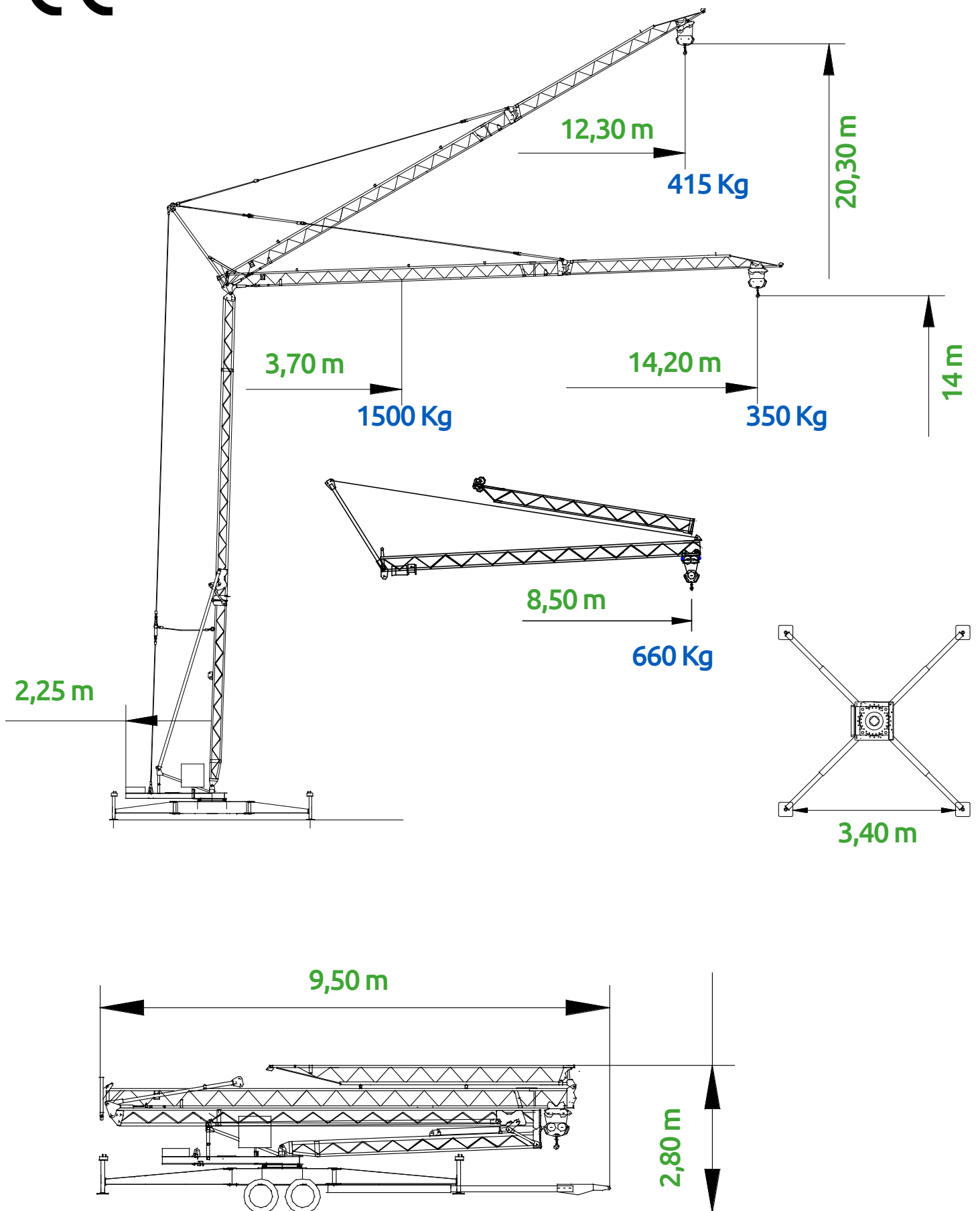
C R A N E S



FAST SELF-ERECTING CRANE MIDI LT 14 RD



CE



ENGINES (220 V)

Elevation	4,0 HP	three-phased
Rotation	0,75 HP	three-phased
Trolley	0,75 HP	three-phased
Hydraulic	1,0 HP	single-phased



MAIN CHARACTERISTICS

HORIZONTAL BOOM

TILTED BOOM (30°)

Electrical voltage - single-phased	230 / 400 V	
Required power	4500 W	
Boom / Hook heights	14,70 / 14 m	21 / 20,30 m
Maximum range	14,20 m	12,30 m
Maximum load at end of the boom	350 Kg	415 Kg
Maximum load	1500 Kg	650 Kg
Range at maximum load	3,70 m	8 m
Overall weight (without additionnal ballasts)	2850 Kg	
Ballasts : base with integrated 600 kg ballasts		
3 possible settings : MIN (on-going 600 kg) / MED (+1000 kg) / MAX (+1400 kg) (see on last page)		
Distance between levelling stabilizers	3,40 m	
Turning radius at base	2,25m	
Hydraulic mounting for boom and tower		
3 frequency converters for : rotation, elevation, and trolley		
Elevation speeds (7-12-20 mpm)		
Rotation speeds (0,3-0,8 mpm)		
Trolley speeds (8-20 mpm)		
Transport set-up: RD - Road : approved for road.		

DISPOSITIFS DE SÉCURITÉ

Maximum load limiter	2nd trolley speed limiter
Inertia moment limiter	Fall-protection device of the trolley with folded boom
Trolley travelling limiter	
Hook travelling limiter	
Rotation limiter	
2nd speed limiter	
3rd speed limiter	

TRANSPORT

40' CONTAINER HC OR TAULINER MEGA TRAILER

LOAD DIAGRAM WITH **MAX** SETTING (=1400 KG ADDITIONNAL BALLASTS, TOTAL OF 2000 KG)

RANGE (m)		3,70	5	6	7	8	9	10	11	12	13	14
Horizontal jib		1500	1150	875	750	650	590	525	485	420	395	350
Tilted jib 30°	Kg	650	650	650	650	650	600	535	490	425	-	-
Folded jib		1500 ⁽⁴⁾	1220	930	824	660 ⁽⁴⁾	-	-	-	-	-	-

LOAD DIAGRAM WITH **MED** SETTING (=1000 KG ADDITIONNAL BALLASTS, TOTAL OF 1600 KG)

RANGE (m)		3,70	5	6	7	8	9	10	11	12	13	14
Horizontal jib	Kg	1100	770	650	560	480	400	350	320	290	260	250

LOAD DIAGRAM WITH **MIN** SETTING (=600 KG ON-GOING BALLASTS)

RANGE (m)		3,70	5	6	7	8	9	10	11	12	13	14
Horizontal jib	Kg	650	440	360	315	260	220	195	165	148	140	130

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