



ENGINES

Hoisting	3.00 hp three-phase
Slewing	0.75 hp three-phase
Trolley	1.00 hp three-phase
Hydraulic	1.00 hp single-phase

SAFETY DEVICES

Maximum load limiter
Inertia moment limiter
Trolley path limiter
Hook path limiter
Slewing path limiter
2nd elevation speed limiter
3rd elevation speed limiter
2nd trolley speed limiter
Trolley fall protection (when folded JiB)
Encoder (PLC configuration only)

MAIN FEATURES

Single-phase Voltage	230 V
Power required	4500 w
Crane Weight (w/o ballast)	2850 Kg
Ballast – Total Ballast	2000 Kg
– Transport Mode & Assembly Ballast	600 Kg
– Work Ballast	1400 Kg
Note: Three Assembly Ballast Options: MAX (2000Kg) – MED (1600Kg) – MIN (600Kg) See Load Curves below. With PLC configuration only.	
Distance between support bases	3.40 m
Base radius (including ballast)	2.25 m
Hydraulic assembly of JiB & Column	
Variable-frequency drive: 3 (Slewing – Hoisting – Trolley)	
Hoisting Gears: 3 (7 mpm – 12 mpm – 20 mpm)	
Slewing Gears: 2 (0.3 rpm – 0.8 rpm)	
Trolley Gears: 2 (8 mpm – 20 mpm)	
Trolley Configuration: RD - Road: Approved B+E. Assembly Ballast Built-in + Additional work ballasts.	
Hydraulic assembly of JiB & Column	
Optional: PLC Automation configuration tool with touch screen.	
Optional: Auxiliary JiB for Ballast	

TECHNICAL FEATURES

	Horizontal JiB	30° JiB
Height under JiB / Hook	14.70 m / 14.00 m	21.00 m / 20.30 m
JiB Radius	14.2 m	12.30 m
Maximum load at JiB	350 Kg	425 Kg
Radius with maximum load	3.70 m	8.00 m
Maximum load	1500 Kg	650 Kg

LOAD CURVES

LT14 RD

HORIZONTAL JiB	m	→ 3,7	5,0	6,0	7,0	8,0	9,0	10,0	11,0	12,0	13,0	14,0
MAX Ballast (2000 Kg)	kg	1500	1150	875	750	650	590	525	485	420	395	350
MED Ballast (1600 Kg)	kg	1100	770	650	560	480	400	350	320	290	260	250
MIN Ballast (600 Kg)	kg	650	440	360	315	260	220	195	165	148	140	130
30° JiB	m	→ 8,0	9,0	10,0	11,0	12,0						
MAX Ballast (2000 Kg)	kg	650	600	535	490	425						
½ JiB	m	→ 4,0	5,0	6,0	7,0	8,5						
MAX Ballast (2000 Kg)	kg	1500	1220	930	824	660						

TRANSPORT

CRANES

40' CONTAINER HC	1
TAULINER MEGA TRAILER	2