

THE POWER OF UTILITY

- Lifting • Dragging • Towing

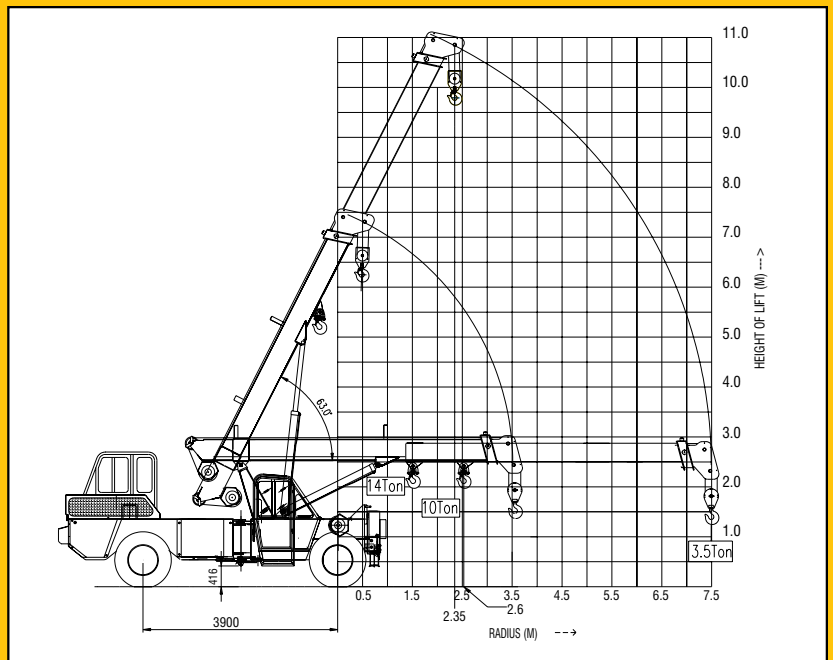


MAC-1214

Pick 'n' Carry Crane MAC-1214

SALIENT FEATURES :

- Lifting of the wreckage
- Dragging of the wreckage
- Towing of the wreckage
- Two part hydraulically telescopic boom
- Separate winches for lifting & dragging actions to enable lifting & dragging of the wreckage simultaneously.
- Two nos. Outriggers for dragging operation
- Max. Road speed 40 kmph
- Capability to travel long distance on its own power - Heavy duty truck transmission
- Articulated chassis for short turning radius



Specifications :

Crane Capacity		
14 tonne at		1.50 m radius
10 tonne at		2.60 m radius
5 tonne at		5.60 m radius
Vehicle Performance		
Speed	max 40.1 kmph (unladen)	
Drive		
	4 wheel drive	
Engine		
	Diesel engine: Kirloskar (Turbocharged), developing gross HP 80.96 @ 2500 rpm	
Transmission		
	Synchromesh gearbox with auxillary gearbox Speed-4 forward and 1 reverse	
Clutch		
	Single plate dry type clutch	
Brakes		
Service Parking	Fully air operated 'S' cam dual circuit brakes on front & rear axles air operated spring actuated fail safe brakes on all wheels	
Axles		
Rear	Rigidly mounted	
Front	Mounted with two springs	
Tyres	8 nos. - 11.00x20 (16 PR)	
Hydraulic System		
	Main hydraulic pump. Control Valve-multi bank double acting with a built in relief valve. System pressure - 210 bars	
Steering		
	Full power orbitrol with twin hydraulic double acting rams 45° articulation on either side	
Boom		
	2 part boom hydraulically teleopic extension Max. boom reach - 7.5 m from rear wheel centre Boom angle: (-)5° to (+)63°	

Hosist Winch	
Hydraulically operated with multi-falls, built in hydraulically operated fail safe brakes & grooved drum	
Dragging winch	
Hydraulically operated with multi-falls, built in hydraulically operated fail safe brakes & grooved drum	
Outriggers	
2 nos. outriggers at the rear with option of mechanical/hydraulic type	
Electrical System	
24 V. negative earth Battery rating - 2x12V - 150 AH	
Dimensions	
Overall length	9.65m
Overall width	2.55m
Overall height	3.08m
Wheel Track	
Front	1830 mm
Rear	1830 mm
Wheel Base	3.9 m
Cabin	
All weather ergonomically laid out two cabins (front & rear). adjustable seats. seat belt provided in driver cabin	
Axle Loading	
Front Axle	9980 kg
Rear Axle	6315 kg
Total	16295 kg
Turning Radius	6.95 m
Standard Accessories	
Tow bar	
Two nos. of slings	
Two nos. of chains	

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