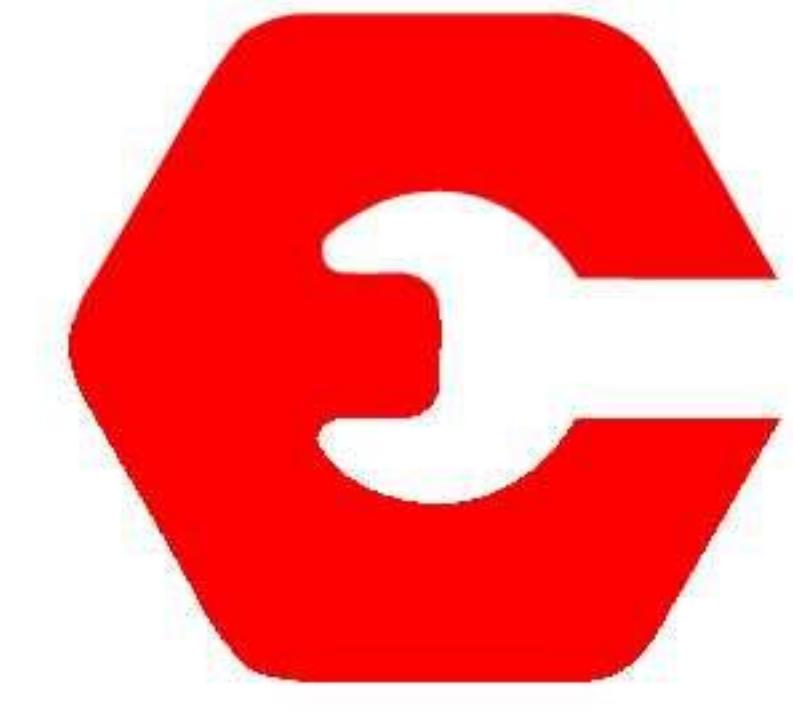


ESCORTS



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HYDRA 13

36

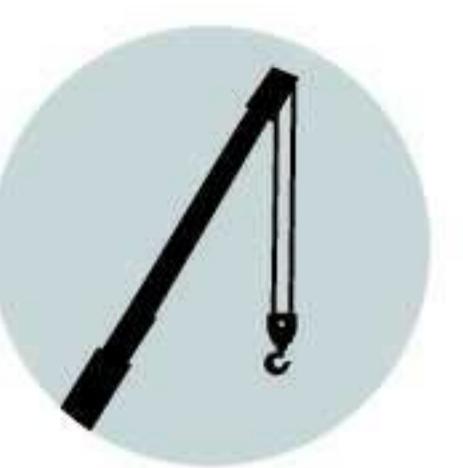
GROUP

OF

COMPANIES



Capacity
13 T



Boom Height
36 Feet



Straight Axle
Heavy Duty



Transmission
Robust

Contact : 9300723311

SPECIFICATIONS

Contact : 9300723311

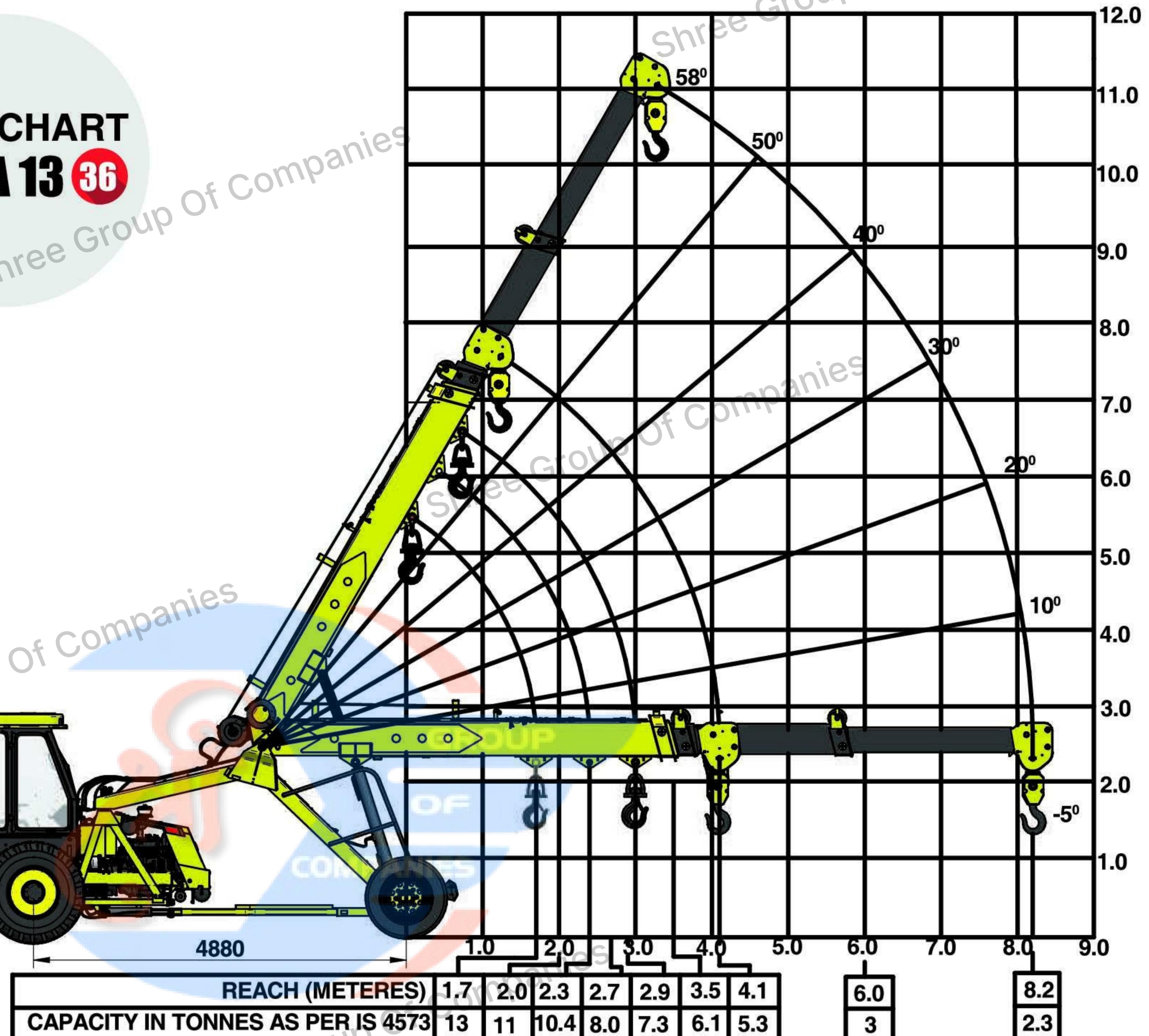
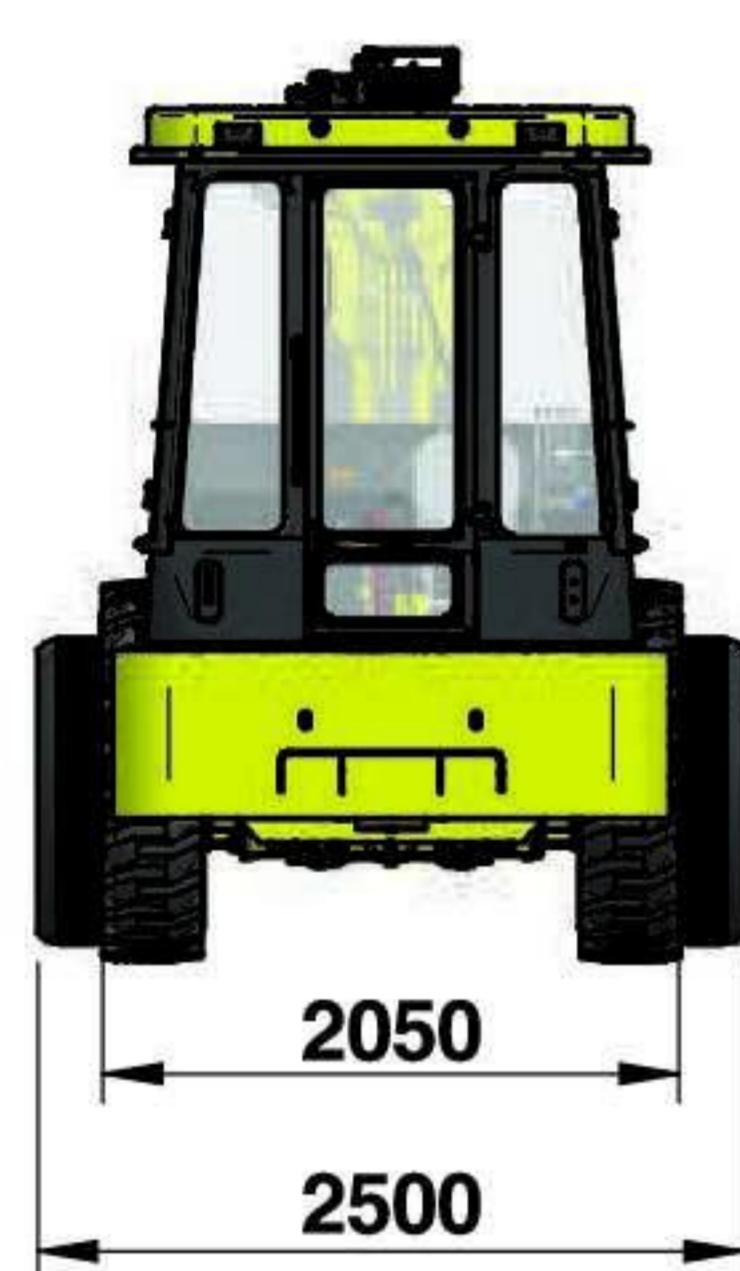
RATED CAPACITY		CAPACITIES	
13 Tonne at	1.7 m radius	Fuel Tank	38 ltrs.
2.3 Tonne at	8.2 m radius	Hydraulic Tank	65 ltrs.
ENGINE		TRACK	
Make & Model	Simpson S 433 (I) – CEV BS III, 4 cylinder, water cooled diesel engine developing 48 HP @ 2200 RPM or equivalent	Front	1980 mm
		Rear	1680 mm
TRANSMISSION		OVERALL DIMENSIONS	
Drive	2 Wheel drive	Length	11000 mm
Type	Heavy duty transmission developed especially for crane application. Constant mesh gearbox coupled with straight drive axle. Eight forward and two reverse speeds with high/low selector lever	Width	2550 mm
Max. Speed	29 km/hr. (unladen)	Height	3100 mm
Clutch	Heavy duty clutch, wire woven, asbestos free	OPERATING WEIGHT (KG)	
STEERING		Gross vehicle weight	10610 kg
Type	Articulated power steering, hydraulically controlled through 2 double acting jacks	BOOM	
Articulation	Up to 50°	Telescoping	3 parts hydraulically powered & fully synchronized
Turning Radius	Approx 6.75 m	Derricking	Through double acting jacks
HOIST MECHANISM		TYRES	
Hoist	Hydraulic winch. Four falls. Rope dia 13 mm	Front	10.00 X 20 -16 PR (4 nos.), inflation pressure 110 —115 PSI
BRAKES		Rear	13.00 X 24 -12 PR (2 nos.), inflation pressure 35 PSI. Water ballasted
Front Wheel	Pneumatic assisted hydraulic brakes	SAFETY SYSTEM	
Rear Wheel	Disk brakes actuated through a slave cylinder	• Overload audio warning system • Safety brakes on hoist • Cylinder guard for protection • Rope compensation for auto leveling • Counter balance protection valve in the lift line against hose burst • Visual warning against parking brakes ON	
Parking	Hand control valve operated, Air assisted Hydraulic parking brakes at rear wheels (Standard models)	STANDARD ACCESSORIES	
	Hand control valve operated, Air assisted Parking brakes at Front wheels (with Air brake models)	• All Weather Cabin • Lift Cylinder Guard • Turn & Reverse Lamp • Front Bumper • Rear View Mirror • Reflectors	
HYDRAULIC SYSTEM		OPTIONAL ACCESSORIES	
Pump	Vane type hydraulic pump	• Fly Jib • Tool Box • Spark Arrestor • Tyre Guard • Steering Wheel • Fire Extinguisher • Safe Load Indicator (SLI) • Heavy Duty Bumper • 14 x 24 Heavy Duty Tyres • Air Brakes on Front Wheel • Over Hoist & Hydraulic Cutoff Kit	
Control Valve	4 spool control valve with built in pressure relief valve and precision control		
Hydraulic Filter	Suction line has a 100 mesh inline strainer while return line has 25 microns full flow filter		
ELECTRICAL SYSTEM			
Type	12V Single battery, Negative earth		

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LOAD CHART HYDRA 13 36



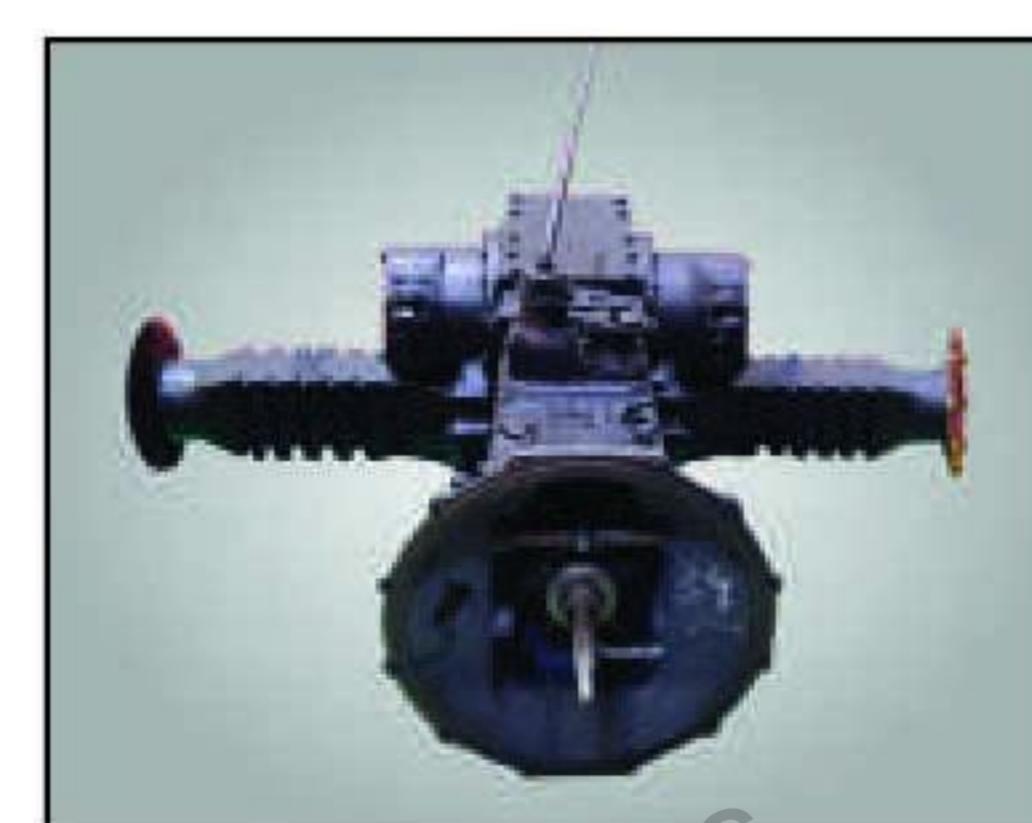
Rated loads are calculated for operation on leveled surface.

FEATURES



LUFFING RANGE

Boom Luffing Range -5° to 58°



TRANSMISSION

Heavy duty straight axle with constant mesh transmission.



CABIN

Ergonomically designed spacious cabin with modern dashboard for utmost operator comfort and operation.



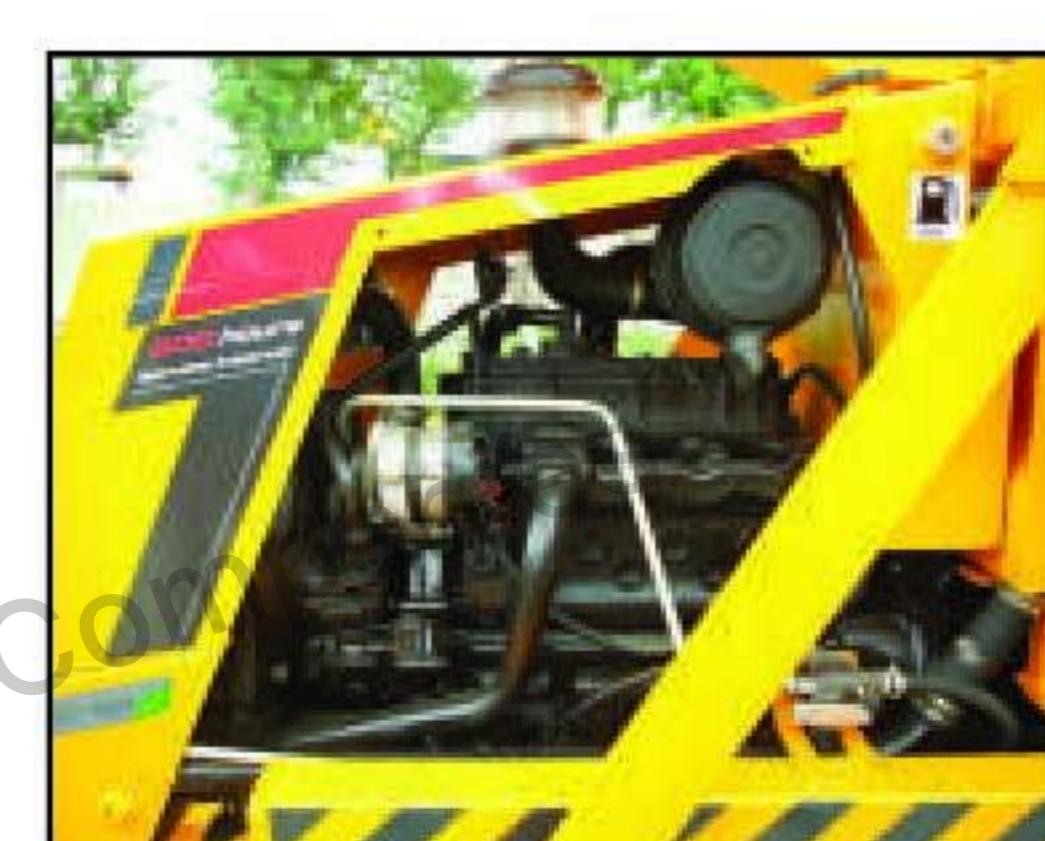
REAR BRAKES

Disc brakes at the rear for effective braking.



INCREASED STABILITY

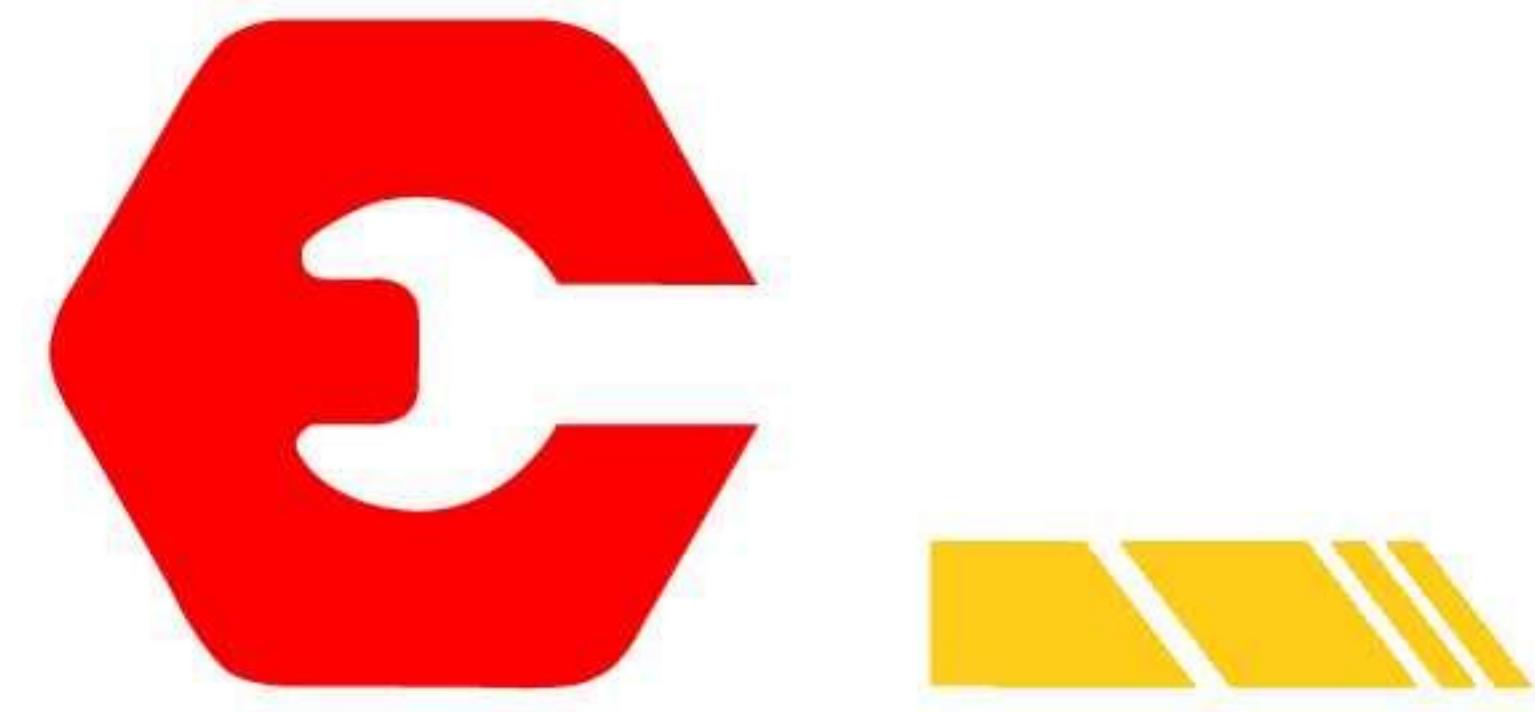
At fully articulated condition. Wider lift cylinders' span (400 mm).



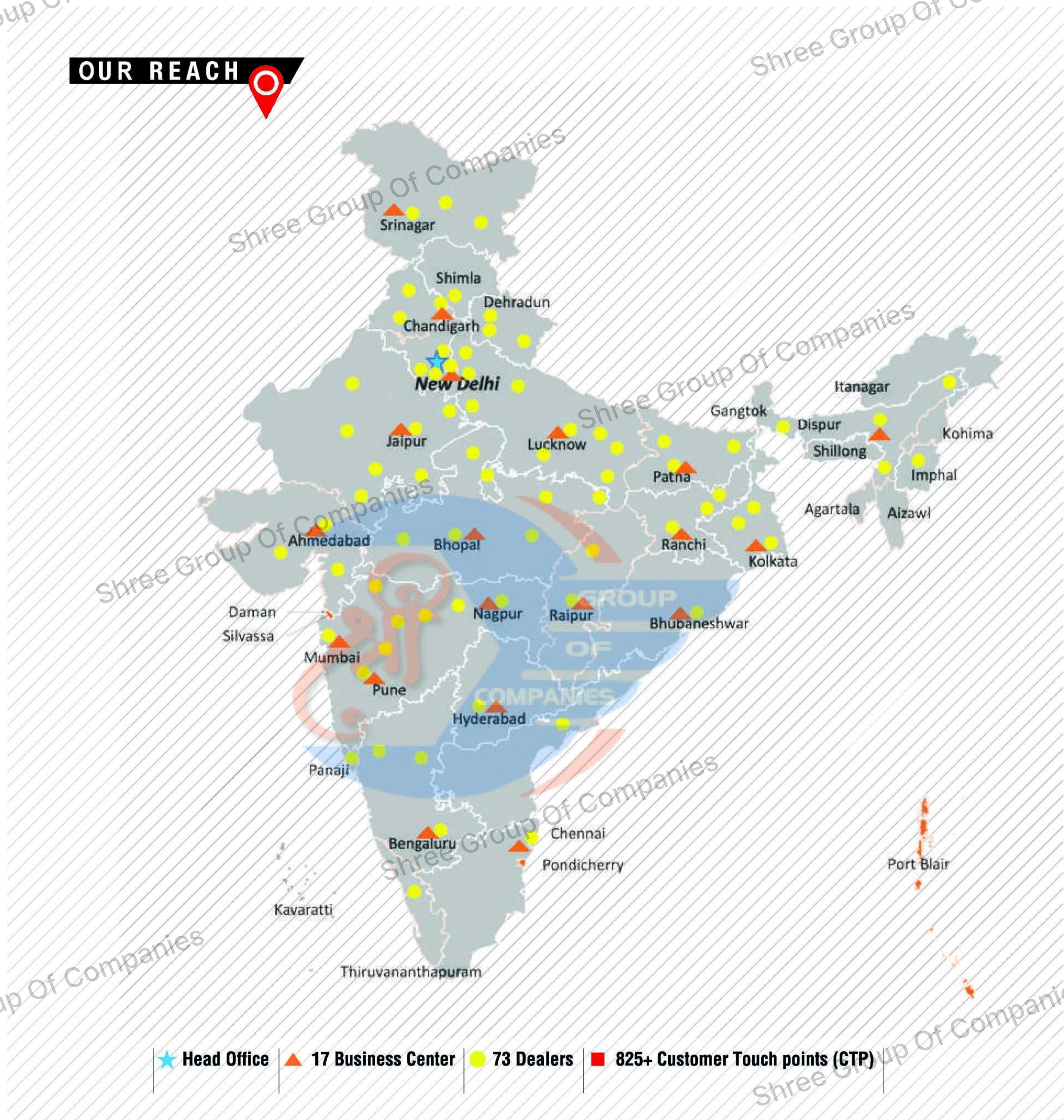
ENGINE

BS III (CEV compliant), category engine with high on power / torque & low on fuel consumption & maintenance.

HYDRA 13 36



OUR REACH



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• The information contained in this leaflet is intended to be of a general nature only. • We reserve the right to changed specifications without notice. • All Dimensions and weights are variable within +/-5%.

Contact : 9300723311

(Accessories as shown in the picture may not be the part of standard fitment and are subject to change without prior notice.)

MKT/22/Hydra 13 36