

HYDRA 12^{EX}

2P



Capacity
12 T



Boom Height
27 Feet



Service Interval (Engine)
500 hrs.




















Straight Axle
Heavy Duty



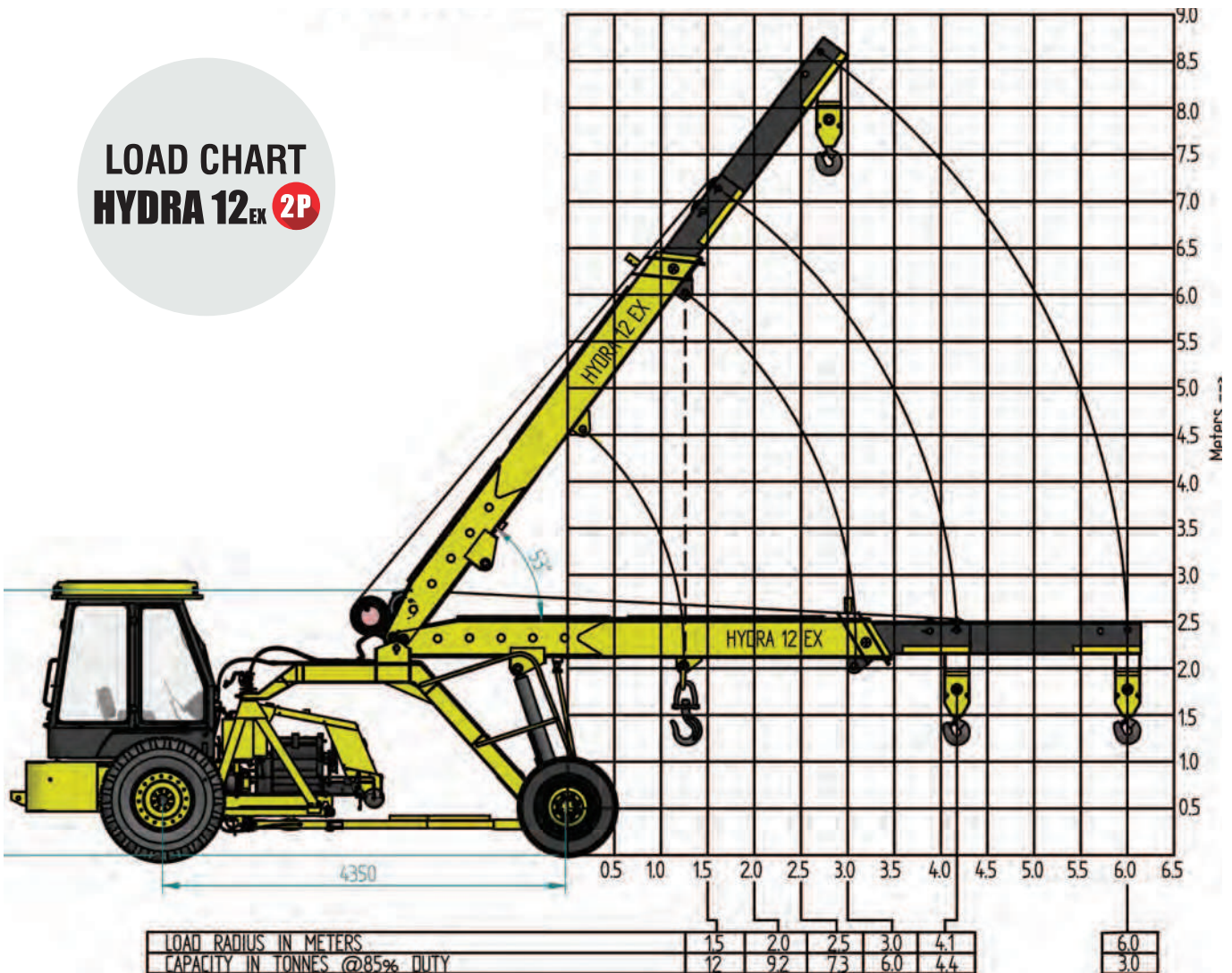
Structure
Robust

SPECIFICATIONS

	RATED CAPACITY	
	12 Tonne at	1.5 m radius
	3 Tonne at	6 m radius
	ENGINE	
	Make & Model	Escorts AE 4.312C-3A four cylinder, water cooled diesel engine developing 49.5 HP @ 2200 RPM or equivalent
	*500 hrs service interval available in escorts engine.	
	TRANSMISSION	
	Drive	2 Wheel drive
	Type	Heavy duty transmission developed especially for crane application. Constant mesh gearbox coupled with robust straight drive axle. Eight forward and two reverse speeds with high/low selector lever
	Max. Speed	29 km/hr. (unladen)
	Clutch	Heavy duty clutch, wire woven, asbestos free
	STEERING	
	Type	Articulated power steering, hydraulically controlled through 2 double acting jacks
	Articulation	Up to 56°
	Turning Radius	Minimum 6.25 m
	HOIST MECHANISM	
	Hoist	Four fall, Hydraulic winch (Winch capacity 10T) Rope dia 13 mm
	BRAKES	
	Front Wheel	Pneumatic assisted hydraulic brakes
	Rear Wheel	Internal expanding type Disc brake operated by slave cylinder
	Parking	Hand control valve operated, Air assisted Hydraulic parking brakes at all wheels (Standard models) Hand control valve operated, Air assisted Parking brakes at Front wheels (with Air brake models)
	HYDRAULIC SYSTEM	
	Pump	Pin Vane type hydraulic pump
	Control Valve	4 spool control valve with built in pressure relief valve and precision control
	Hydraulic Filter	Suction line has a 100 mesh in line strainer while return line has 25 microns full flow filter
	ELECTRICAL SYSTEM	
	Type	12V Single battery, Negative earth

	CAPACITIES	
	Fuel Tank	45 ltrs.
	Hydraulic Tank	65 ltrs.
	TRACK	
	Front	1880 mm (center of twin wheels)
	Rear	1680 mm (center of wheels)
	OVERALL DIMENSIONS	
	Length	9880 mm
	Width	2500 mm
	Height	2900 mm
	OPERATING WEIGHT (KG)	
		8850 kg
	BOOM	
	Telescoping	Heavy duty, 2 parts box type hydraulically operated
	Derricking	Through double acting jacks
	TYRES	
	Front	10.00 X 20 - 16 PR (4 nos.)
	Rear	13.00 X 24 - 12 PR (2 nos.)
	SAFETY SYSTEM	
	<ul style="list-style-type: none">• Overload audio warning system• Safety brakes on hoist• Cylinder guard for protection• Overhoist audio warning system• Hose protection failure device• System Low air pressure warning buzzer	
	STANDARD ACCESSORIES	
	<ul style="list-style-type: none">• All Weather Cabin• Front Bumper• Reflectors• Lift Cylinder Guard• Rear View Mirror• Turn & Reverse Lamp	
	OPTIONAL ACCESSORIES	
	<ul style="list-style-type: none">• Fly Jib• Steering Wheel• Spark Arrestor• Heavy Duty Bumper• Safe Load Indicator (SLI)• 14 x 24 Heavy Duty Tyres• Over Hoist & Hydraulic Cutoff Kit• Tool Box• Fire Extinguisher• Tyre Guard	

LOAD CHART HYDRA 12^{EX} 2P



Rated loads are calculated for operation on leveled surface.

FEATURES



RELIABILITY

Rugged structures for heavy duty application.



TRANSMISSION

Heavy duty straight axle with constant mesh transmission.



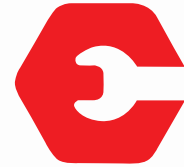
BOOM

12 Ton Capacity hook with Slotted Boom

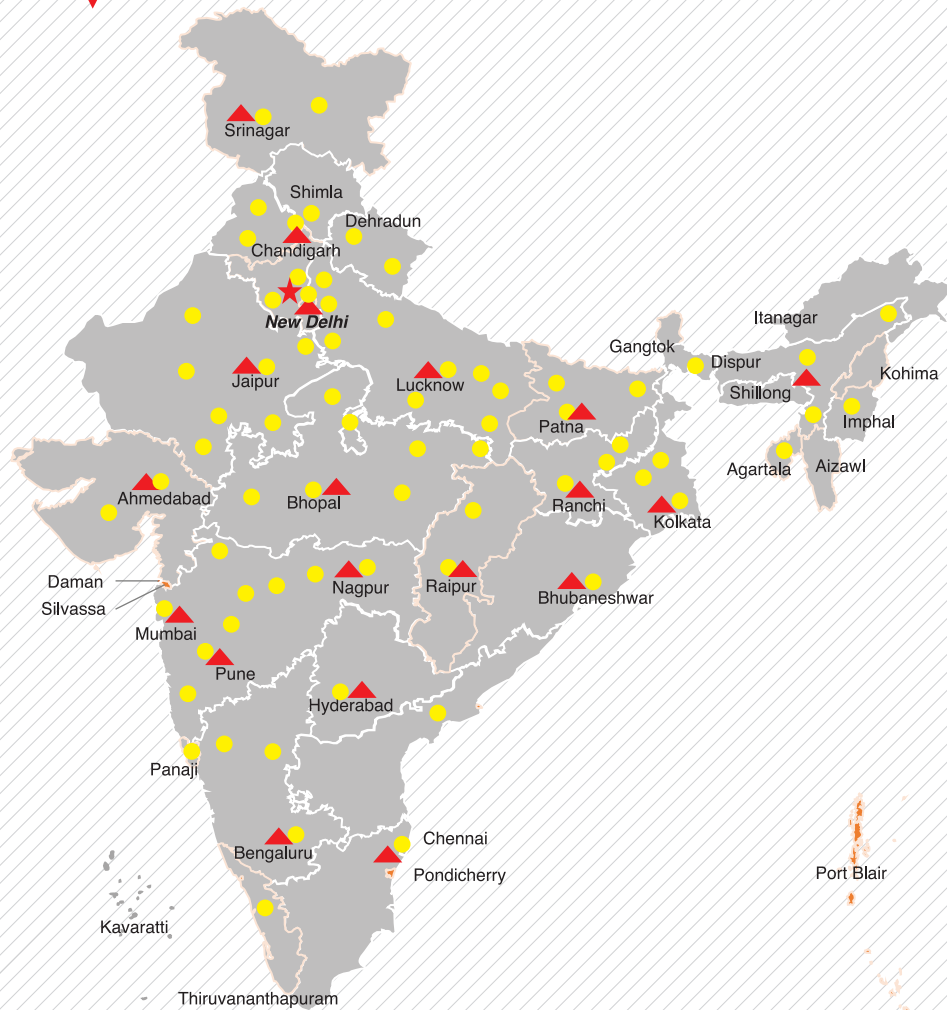


ENGINE

Escorts engine BS-III (CEV compliant) high on power/torque & low on fuel consumption & maintenance.



OUR REACH



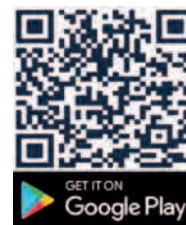
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