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Ind. Ref: No. C6230/2012/7227T

Annexure - A

Technical specification of Diesel Fork Lifter - Cap. 3 Ton.**Technical specifications:-**

Capacity	3000 KG at 500 mm Load Centre
Overall mast height OAH	2360 MM
Max. Fork Height – MFH	3620 to 3660 mm
Turning Radius	2350 to 2400 mm
Length to face of forks	2650 mm
Length of Fork	1000 to 1070 mm
Overall width	1200 - 1260 mm
Overall length with fork	3850 mm
Fork spread (adjustable)	240 – 965mm
Travelling speed (loaded)	17 to 20 kmph
Tilt forward / backward	6 deg / 12 deg
Type of Engine	For stroke Indigenous diesel engine, BS-III compliant engine. Equipped with Twin element dry type air filter with restriction indicator and tank capacity of 40 liters min.
Transmission	Fluid coupling transmission
Steering	Hydrostatic steering
Types Tyre	Solid cushion / pneumatic tyre
Drive	2 nos. Front
Steer	2 nos. Rear
Fork Length	1000 mm to 1070 mm

Brakes – Service brakes should be heavy duty truck type drum brakes that are self-energizing and self – adjusting, Hand operated parking brake should be provided for additional safety.


Steer Axle – The axle should be fabricated from steel plates for durability and strength. The axle should be supported in the frame by using hardened steel bushings for providing the required articulation. The integrated balanced power cylinder should be well protected inside the axle body. The axle assembly should be made by using plain pin joints for ease of maintenance.

Standard Accessories :- Each Fork Lifter should be fitted with one pair of suitable Forks, Horn Driver's seat with Back rest & overhead guard, Tool Kit, Solid Rubber Tyre, Load Back Rest, set of rear & front lights, rear view mirror, vertical exhaust, Tool kit & 12V Battery.

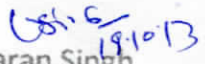
Extra Spares – One no. rear & one no. front wheel is required with each Fork lifter.

Note –

- 18 months warranty is required after successful commissioning at BHEL, Haridwar
- Commissioning is required at BHEL, Haridwar.


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