

## TECHNICAL SPECIFICATION FOR FORK LIFT TRCUK (CAPCITY 5 TON) DT 10.06.16

Major  
parameter

1	Model		-	
2	Capacity		5000 Kgs	
3	Power		Diesel	
4	Tyres	Front/Rear	Solid Cushioned Tires	
5	Wheel(S)	Front/Rear	4.2	
6	Fork Height (std.)		3000mm	
7	Fork size (L x W x T)		1220 x 150 x 50	
8	Tilt Angle		6°-12°	
9	Overall length		4330mm	
10	Overall width		1480mm	
11	Overall Lowered Height		2250mm	
12	Overall Raised Height		4300mm	
13	Overhead Guard Clearance		2260mm	
14	Turning Radius(Outside)		2900mm	
15	Speed (s)	Travel (Fwd/Rvs)	With Load	22Km
			Without Load	25Km
		Lifting	With Load	500mm/s
			Without Load	530mm/s
		Lowering	With Load	350mm/s
			Without Load	340mm/s
16	Grade ability	With/Without Load	27/20	
17	Total Weight		6400Kg	
18	Tyre Size	Front	3.00-15-18PR	
		Rear	7.00-12-12PR	
19	Wheel Base		2000mm	
20	Tread	Front	1180mm	
		Rear	1190mm	
21	Brake (S)	Service	Hydraulic – Foot Pedal	
		Parking	Mechanical – Hand Lever	
22	Battery	Voltage/Capacity	2 x 12/80	
		Model	4108	
23	Engine	Rated Horsepower	79bhp@2400	
		Rated Torque	270/1500 N.m(Kg.m)/r.p.m	
		Number of Cylinders	4	
		Displacement	4.68Ltrs	
		Fuel Tank Capacity	75Ltrs	
		Transmission	Number of Speed	2 Fwd/1Rvs Automatic/Mechanical
25	Operating Pressure	For attachment	195 Kg/cm <sup>2</sup>	
A	Overall height fork raised		4300mm	
B	Fork height (std.)		3000mm	
C	Overall height fork lowered		2250 mm	
D	Backrest height (from upper face of work)		1200 mm	
E	Free lift		150 mm	
F	Fork thickness		60 mm	
G	Min. clearance (bottom of mast)		150 mm	
H	Overall length (with forks)		4330 mm	
I	Overall length (without forks)		3110 mm	
J	Fork length		1220 mm	
K	Fork overhang		560 mm	
L	Wheel base		2000 mm	
M	Rear overhang		550 mm	
N	Coupler Height		390 mm	

P	Overall height (Overhead guard)	2260 mm
Q	Overall width	1480 mm
R	Lateral fork adjustment	300-1380 mm
S	Tread (front)	1180 mm
T	Tread (rear)	1190 mm
U	Fork width	150 mm
V	Inside turning	220 mm
W	Outside turning radius	2900 mm
X	Min. intersecting aisle	2960 mm
Y	Tilting angles	6°-12°
Minor parameter	One pair of standard, hook-on forks	
Concomitant accessories	Nil	
Optional accessories	<p>1. Wide view mast 2. Load backrest 3. Standard forks 4. Power Steering 5. Retaining rollers 6. Overhead guard 7. Standard seat (Adjustable) 7. Drawbar pin 8. Air cleaner 9. Parking Brake lever 10. Lift tilt levers 11. Dispstick for TC oil 12. Return hydraulic filter 13. TC oil filter 14 Lift circuit cut-off valve 15 Over head air intake 16 Radiator reservoir 17 Tilt adjustable steering Wheel 18. Turn indicator lights 19. Hour meter 20 Water temperature meter 21. Fuel meter 22 Engine oil pressure warning indicator 23. Electric charge indicator 24 Halogen head lights 25 Rear combination lights 26 Rear view mirrors 27 Rear view buzzer 28 Electric horn 29 Neutral safety switch (TC) 30 rubber floor mat 31 Tool kit</p> <p>2. Solid tires 2. All weather steel cabin 3. Spark arrester 4. Front four wheels 5. Fire extinguisher 6. Water muffler</p> <p>3. Different Mast type (Refer Mast Details) 2. Fork extension 3. Side shifter 4. Hinged forks with bucket 5. Bale clamp 6. Rotating forks 7 Crane attachment 8. Ram attachment 9 Drums (s) handling attachment</p>	
	Reversing Spot Light	
	Load Back Rest	
	Emergency Flashing Lights	
	Dual drive (4F / 2R wheels), solid tyres in lieu of standard single drive with solid cushion tyres	
	Standard Tool Kit	
Spares	Nil	
AMC requirement	Not Required	
Warranty requirement	As per IRS condition	
Special requirement	<p>1. Two copies of printed original operation &amp; maintenance procedure manual literature drawing circuit diagram to be provided in binding form.</p> <p>2. Erection and commissioning will be done by firm.</p>	

Note RITES Inspection Required

SSE (M&amp;P)

SSE

ADME (D)ET

Sr DME (D)ET

अनुराग त्रिपाठी

ANURAG TRIPATHI

वरि. अनु. अभि. (डी) इटारसी प.म.रेल  
S.E.(U) Itarsi W.C.Rly.

सहायक मण्डल यांत्रिक इंजी. (डी.)

पश्चिम मध्य रेल, इटारसी  
ADME (Diesel) W.C. Rly.  
ITARSI

वरि. मं. यां. इंजी. (डी) इटारसी प.म.रेल  
Sr. D.M.E. (D) Itarsi W.C.Rly.