

SPECIFICATIONS

SL.NO.	DESCRIPTION					✓		
			LT-10	LT-12	LT-15	LT-20	LT-25	LT-35
1	Model							
2	Lifting Capacity	Kgs	10000	12000	15000	20000	25000	35000
3	Lift Height	m	4	6	4 (2FL + 2)	4 (2FL + 2)	4 (2FL + 2)	4(2FL+2)
4	Load Centre	mm	900	900	1200	1200	1200	1200
5	Driving Speed - (Laden/Unladen)	Km/h	22 / 26	22 / 26	25 / 29	25 / 29	24 / 28	24 / 27
6	Lifting Speed - (Laden/Unladen)	m/sec	0.24 / 0.26	0.24 / 0.26	0.20 / 0.30	0.20 / 0.30	0.24 / 0.26	0.24 / 0.26
7	Lowering Speed - (Laden/Unladen)	m/sec	0.30 / 0.20	0.30 / 0.20	0.30 / 0.20	0.30 / 0.20	0.28 / 0.24	0.30 / 0.30
8	Gross Vehicle weight (Laden/Unladen)	Kgs	26215/ 16215	30215 / 18215	40200 / 25200	49940 / 29940	59940/34940	78460 / 43460
9	Static weight on Front Axle (Laden/Unladen)	Kgs	23535 / 8005	27535 / 9005	35200 / 12100	43732 / 15430	53930 / 18430	72252 / 21100
10	Static weight on Rear Axle (Laden/Unladen)	Kgs	2680 / 8210	2680 / 9210	5000 / 13100	6208 / 14510	6010 / 16510	6208/ 22360
11	Stability	%	32	32	28	36	28	32
12	Gradeability Laden	%	33	33	33	26	22	26
13	Tyres - Front		10.00 x 20, 16 PR-4 Nos	11.00 X 20 , 16 PR - 4 Nos.	12.00 x 20 , 20PR - 4 Nos.	12.00 x 24, 20 PR - 4 Nos.	14.00 x 24,24PR-4 NOS	16.00 x 25, 32 PR - 4 Nos.
	Rear		10.00 x 20, 16 PR-2 Nos	11.00 x 20 , 16 PR - 2 Nos.	12.00 x 20 , 20PR - 2 Nos.	12.00 x 24, 20 PR - 2 Nos.	14.00 x 24,24PR-2 Nos	16.00 x 25, 32 PR - 4 Nos.
14	Battery	v/AH	24 / 150 x 2	24 / 150 x 2	24 / 150 x 2	24 / 150 x 2	24 / 150 x 2	24 / 180 x 2
15	Engine - Make		Ashok Leyland	Ashok Leyland	Ashok Leyland	Ashok Leyland	VOLVO	VOLVO
	Model		ALHT4TIC3/1	ALHT4TIC3/1	AL 412 TAC3	AL 6 DT1	TAD 620 VE	TAD 720 VE
	Rated Power	Kw (hp)	74 (101)	74 (101)	99 (136)	134 (180)	138 (211)	174 (237)
	Speed	RPM	2200	2200	2400	2400	2500	2300
	Peak Torque	Nm/rpm	395/1500	395/1500	475/1500	588/1400	700/1500	854/1400
	No. of Cylinders/Displacement	No./Cm ³	4 /4360	4 /4360	6 / 6540	6 / 5750	6 / 6000	6 / 7150
16	Transmission - Make		AVTEC	AVTEC	AVTEC	ZF	ZF	ZF
	Model		CT 100	TRT 2221	TRT 2421	3 WG 171	3 WG 191	3 WG 191
	Type		Powershift with Torque convertor	Powershift with Torque convertor	Powershift with Torque convertor	Powershift with Torque convertor	Powershift with Torque convertor	Powershift with Torque convertor
	No. of Gears - F/R		2 / 2	2 / 2	2 / 2	3 / 3	3 / 3	3 / 3
17	Drive Axle - Make		MERITOR	MERITOR	SCA	OMCI	OMCI	OMCI
	Model		R 1495	R 1495	R1495	AR 470 K.12	AR 452 KM	AR 268
	Static capacity	Kgs	30,000	35,000	40,000	60,000	76,000	110,000
	Brake		Dry Type Drum brake	Dry Type Drum brake	Dry Type Drum brake	Wet Disc actuated pneumatically	Wet Disc actuated pneumatically	Wet Disc actuated pneumatically
18	Service Data - Hydraulic Tank	Ltrs	160 (68 Grade)	200 (68 Grade)	300 (68 Grade)	400 (68 Grade)	450 (68 Grade)	600 (68 Grade)
	Fuel Tank	Ltrs	140 (Diesel)	160 (Diesel)	250 (Diesel)	200 (Diesel)	300 (Diesel)	300 (Diesel)
	Engine	Ltrs	15 (15 W 40)	15 (15 W 40)	16 (15 W 40)	16 (15 W 40)	21 (15 W 40)	25 (15/ 40)
	Transmission	Ltrs	16 (C4 SAE 30)	18 (C4 SAE 30)	18 (C4 SAE 30)	34 (C4 SAE 30)	34 (C4 SAE 30)	35 (C4 SAE 30)
	Drive Axle - Differential	Ltrs	16 (EP 90)	16 (EP 90)	16 (EP 90)	37 (EP 90)	70 (EP 90)	108 (EP 90)
	Hub	Ltrs				7 + 7 (EP 90)	8 + 8 (EP 90)	16 + 16 (EP 90)