

SR. NO

(2)

5 TON

SPECIFICATIONS

				VOLTAS	
				DVX 506 FC	DVX 506 SUPER AT
1	MANUFACTURER				
2	MODEL				
3	CAPACITY	LIFTING LOAD	KG	5000	5000
4	LOAD CENTER	FROM FACE OF THE FORK	MM	600	600
5	POWER UNIT	ENGINE TYPE		DIESEL	DIESEL
6	TYRES	PNEUMATIC (P), CUSHION (C)		P - STD C - OPTION	CUSHION
7	LIFT HEIGHT	MAX FORK HEIGHT	h3	MM	3660
8	STANDARD MAST	STD FREE LIFT	h2	MM	NIL
9	FORK CARRIAGE	ISO CLASS		4A	4A
10	FORK	THICKNESS(thk) X WIDTH(W) X LENGTH(L)	MM	65 X 150 X 1220	65 X 150 X 1220
11	FORK SPREAD	MIN / MAX	D7	MM	360 - 1510
12	TIILT ANGLE WITH HVM	FORWARD / BACKWARD		DEG	6 / 10
13	OVERALL DIMENSIONS WITH STD HVM MAST	LENGTH TO FACE OF FORKS	D3	MM	3520
14		OVERALL WIDTH	D6	MM	1815
15		HEIGHT WITH COLLAPSED MAST	h1	MM	2530
16		HEIGHT WITH EXTENDED MAST)	h4	MM	5110
17		HEIGHT OF CANOPY GUARD	h5	MM	2280
18		SEAT HEIGHT	h6	MM	1275
19	TURNING RADIUS		D8	MM	3000
20	FRONT OVERHANG		D2	MM	510
21	AISLE WIDTH	EQUAL AISLE	D4	MM	2658
22		AISLE RIGHT ANGLE	D5	MM	4940
23	SPEEDS WITH STD HVM	TRAVEL - LADEN / UNLADEN		KMPH	18 / 19
24		LIFTING - LADEN / UNLADEN		MM/S	450 / 500
25		LOWERING - LADEN / UNLADEN		MM/S	500 / 320
26	DRAWBAR PULL	LADEN / UNLADEN (5 MIN)		N	12900 / 10900
27	GRADABILITY**	LADEN / UNLADEN		%	13 / 15
28	STEERING TYPE	POWER STEERING			HYDROSTATIC
29	WEIGHT WITH STD HVM	LADEN / UNLADEN		KG	11270
30	AXLE LOADS WITH STD HVM	LADEN - FRONT / REAR		KG	10260 / 1010
31		UNLADEN - FRONT / REAR		KG	2800 / 3450
32	TYRES	No - FRONT / REAR		No	4 / 2
33		SIZE - FRONT		MM	7.00 X 12 - 16PR
34		SIZE - REAR		MM	7.00 X 12 - 16PR
35	WHEEL BASE		D1	MM	2030
36	TRACK	FRONT / REAR		MM	1390 / 950
37	GROUND CLEARANCE	UNDER MAST	m1	MM	155
38		UNDER FRAME	m2	MM	200
39	SERVICE BRAKE				HYDRAULIC
40	PARKING BRAKE				MECHANICAL
41	ENGINE	MANUFACTURER / MODEL			KIRLOSKAR / 4R 1040TC
42		RATED HP AS PER IS 10000		HP	76
43		RATED RPM		RPM	2200
44		RATED TORQUE		KGM@RPM	30 @ 1500
45	GEAR BOX	No. OF CYLINDERS / SWEPT VOLUME		No/CC	4
46		MAKE / MODEL			VOLTAS
47		TRANSMISSION			FLUID COUPLING
48		No. OF SPEEDS		FWD/REV	2 / 2
49		GEAR SHIFT			MECHANICAL
					SYNCHRO SHUTTLE

**GRADABILITY WITH CUSHION TYRES IS LOWER BY 2% OVER THE ABOVE FIGURES.

SAFETY TRUCK CONFORMS TO STABILITY REQUIREMENT AS PER "BIS" & "ISO" STANDARDS

ALL SPECIFICATIONS ARE SUBJECT TO TOLERANCE OF +/- 12% APART FROM THOSE GOVERNED BY BIS

DUE TO CONTINUOUS DESIGN IMPROVEMENTS THE DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.