

HEAVY DUTY FORKLIFT TRUCK

HIGHER RELIABILITY
HIGHER PERFORMANCE
HIGHER PRODUCTIVITY

Capacity : 8000 kg @ 600 mm L.C.

ENGINE

Powered by a fuel efficient, four cylinder, charge air cooler direct injection, turbo charge water cooled, industrial diesel engine. Air filtration is done through a dry type air cleaner. Vertical exhaust system ensures hot exhaust gases are discharged well above the seating level. **Bharat Stage III compliant four cylinder engine is used.**

TRANSMISSION

Power shift transmission with constant mesh gearing provides for standard forward and reverse speeds. Direction control and range selection are effected by a mechanical shift. Separate levers for direction and range selection provided for mechanical gear shifting.

BRAKES

Air operated brakes are self energizing. Brakes are directly on drive wheels and are operated by a pneumatic unit for high braking force and low pedal effort. Cowl mounted and pneumatically operated parking brake.

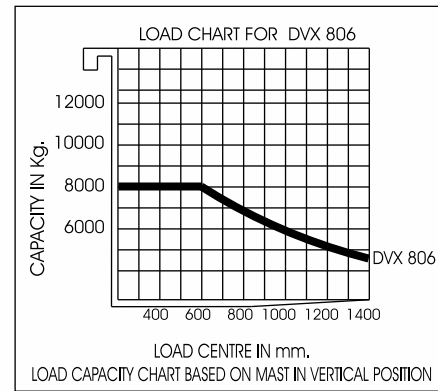
HYDRAULIC SYSTEM AND CONTROLS

A large size Hydraulic tank is fitted with a breather. It is used for releasing the gases formed. Gear type direct driven hydraulic pump is mounted on the transmission housing. Relief valve protects system against excessive pressures from overload. System is continuously filtered by intake suction and return line filters.

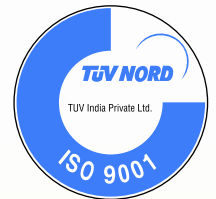
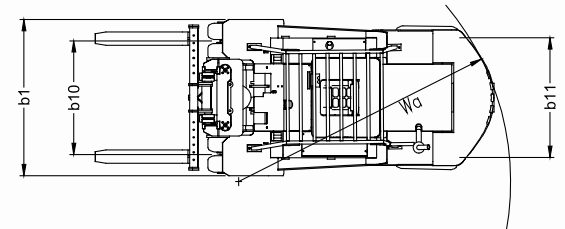
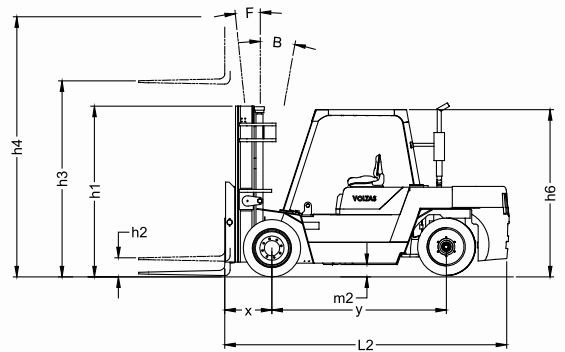
**BS III
Engine**



SPECIFICATIONS					
GENERAL	1	MANUFACTURER			VMH
	2	MODEL			DVX 806
	3	CAPACITY	LIFTING LOAD	KG	8000
	4	LOAD CENTER	DISTANCE	MM	600
	5	POWER UNIT	ENGINE TYPE		DIESEL
	6	TYRES	PNEUMATIC (P), CUSHION (C)		P-STD / C-OPT
DIMENSIONS	7	LIFT HEIGHT STD MAST	MAX FORK HEIGHT	h3	MM 3050
	8		FREE LIFT WITH STD HVM MAST	h2	MM NIL
	9	FORK CARRIAGE	ISO CLASS		BAR
	10	FORK DIMENSIONS	THICKNESS(thk) X WIDTH(W) X LENGTH(L)	MM	65 X 150 X 1200
	11	FORK SPREAD	MINIMUM - MAXIMUM	MM	800 / 1800
	12	TILT ANGLE WITH HVM	FORWARD / BACKWARD	F / B	DEG 6 / 10
	13		LENGTH TO FACE OF FORKS	L2	MM 3930
	14		OVERALL WIDTH	b1	MM 2080
	15	OVERALL DIMENSIONS	HEIGHT WITH COLLAPSED MAST	h1	MM 2520
	16		HEIGHT WITH EXTENDED MAST & LBR	h4	MM 4260
	17		HEIGHT OF CANOPY GUARD	h6	MM 2400
	18	TURNING RADIUS		Wa	MM 3620
	19	FRONT OVERHANG		X	MM 650
PERFORMANCE	20		TRAVEL - LADEN / UNLADEN	KMPH	24 / 26
	21	SPEEDS WITH STD HVM	LIFTING - LADEN / UNLADEN	MM/S	220 / 160
	22		LOWERING - LADEN / UNLADEN	MM/S	360 / 270
	23	GRADABILITY**	LADEN	%	17
	24	STEERING TYRE	POWER STEERING		FULL POWER
FRAME & TYRES	25	WEIGHT	LADEN / UNLADEN	KG	17650 / 9650
	26		No - FRONT / REAR	No	4 / 2
	27	TYRES	SIZE - FRONT		7.50 x 16 - 12PR
	28		SIZE - REAR		7.50 x 16 - 12PR
	29	WHEEL BASE		Y	MM 2500
	30	TRACK	b10 / b11	MM	1600 / 1600
31	GROUND CLEARANCE	UNDER FRAME	m2	MM 160	
32	BRAKES	SERVICE		PNEUMATIC	
33		PARKING		PNEUMATIC	
DRIVE	34		MANUFACTURER / MODEL		REPUTED
	35	ENGINE	RATED HP AS PER IS 10000	HP	96
	36		RATED RPM	RPM	2200
	37		RATED TORQUE	KGM	37.5 @ 1400 RPM
	38		MAKE / MODEL		INDIGENOUS
	39	TRANSMISSION	TYPE		POWERSHIFT
	40		NO OF SPEEDS		2 / 2
41	GEAR SHIFT			MECHANICAL	



** UNLADEN GRADABILITY IS LIMITED TO SKIDDING OF TYRES. SAFETY : TRUCK CONFORMS TO STABILITY REQUIREMENT AS PER "BIS" & "ISO" STANDARDS ALL SPECIFICATIONS ARE SUBJECT TO +/- 12% TOLERANCE APART FROM THOSE GOVERNED BY BIS. DUE TO CONTINUOUS DESIGN IMPROVEMENTS THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONTACT VOLTAS SALES OFFICE FOR APPLICATIONS INVOLVING SIDESHIFTER / FORK POSITIONER OR ANY OTHER ATTACHMENTS



The specifications are subject to change without prior notice. Please contact our nearest office for latest specifications

VOLTAS

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Lucknow 9889033532 • Madurai 9840234189/8680067712 • Mumbai 7774027853/7774027851 • Nagpur 7774027836
Pune 7774027840 • Rudrapur 8057405111 • Surat 7624005557 • Vizag 9951066618

DEALERS

Agartala 9435993430 • Ahmedabad 8347009991 • Ankleshwar 8347000648 • Aurangabad 9657722566
Bangalore 9449857458 • Baroda 8347009993 • Bhopal 9826052942 • Bhubaneswar 9238310721 • Chakan 9604503624
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