

10T Heavy Duty Forklift

Capacity : 10000kg @ 600mm L.C.



ENGINE

Powered by a fuel efficient, four cylinder, cylinder, direct injection, 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

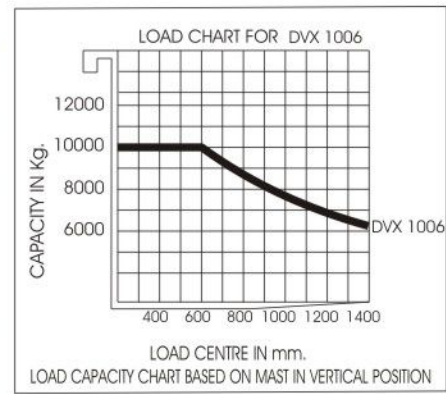
A large size Hydraulic tank is fitted with a breather. It is used for releasing the gases formed. Gear type direct driven hydraulic pump is mounted on the transmission housing. Relief valve protects system against excessive pressures from overload. System is continuously filtered by intake suction and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

MAX

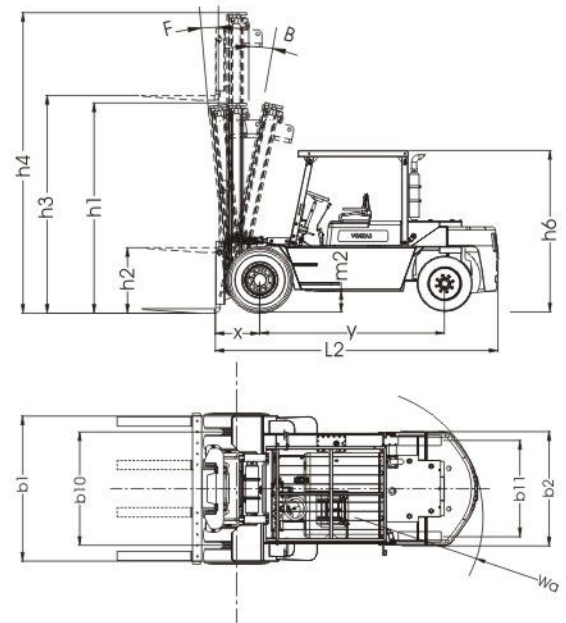
**Reliability
Performance
Productivity**



SPECIFICATIONS				VMH	
GENERAL	1 MANUFACTURER				VMH
	2 MODEL				DVX 1006
	3 CAPACITY	LIFTING LOAD		KG	10000
	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	3500
	8	FREE LIFT WITH STD HVM MAST	h2	MM	NIL
	9 FORK CARRIAGE	BAR / Class 4A			Optional 4A
	10 FORK DIMENSIONS	THICKNESS(thk) X WIDTH(W) X LENGTH(L)		MM	75 X 150 X 1200
	11 FORK SPREAD	MINIMUM - MAXIMUM		MM	920 / 2320
	12 TILT ANGLE WITH HVM	FORWARD / BACKWARD	F / B	DEG	6 / 12
	13	LENGTH TO FACE OF FORKS	L2	MM	4550
	14	OVERALL WIDTH	b1 / b2	MM	2325 / 1875
	15 OVERALL DIMENSIONS	HEIGHT WITH COLLAPSED MAST	h1	MM	3350
	16	HEIGHT WITH EXTENDED MAST & LBR	h4	MM	5100
PERFORMANCE	17	HEIGHT OF CANOPY GUARD	h6	MM	2550
	18 TURNING RADIUS		Wa	MM	4200
	19 FRONT OVERHANG		X	MM	715
	20	TRAVEL - LADEN / UNLADEN		KMPH	18 / 24
	21 SPEEDS WITH STD HVM	LIFTING - LADEN / UNLADEN		M/S	0.25 / 0.26
	22	LOWERING - LADEN / UNLADEN		M/S	0.48 / 0.23
	23 GRADABILITY**	LADEN		%	20 / 24
	24 STEERING TYRE	POWER STEERING			HYDROSTATIC
	25 WEIGHT	LADEN / UNLADEN		KG	21595 / 11595
	FRAME & TYRES	26	No - FRONT / REAR		No
27 TYRES		SIZE - FRONT			10.00 x 20 - 16PR
28		SIZE - REAR			7.50 x 20 - 12PR
29 WHEEL BASE			Y	MM	3000
30 TRACK		b10 / b11		MM	1815 / 1620
31 GROUND CLEARANCE		UNDER FRAME	m2	MM	315
DRIVE	32 BRAKES	SERVICE			PNEUMATIC
	33	PARKING			PNEUMATIC
	34	MANUFACTURER / MODEL			REPUTED
	35	RATED HP AS PER IS 10000		HP	100
	36	RATED RPM		RPM	2300
	37	RATED TORQUE		KGM	37.0@ 1500 RPM
	38	MAKE / MODEL			INDIGENOUS
	39	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



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