

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. **Barat 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

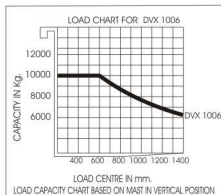
A large size Hydraulic tank is fitted with a breather. It is used for releasing the gases formed. Gear type direct driven hydraulic pump is mounted on the transmission housing. Relief valve protects system against excessive pressures from overload. System is continuously filtered by intake suction and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

MAX

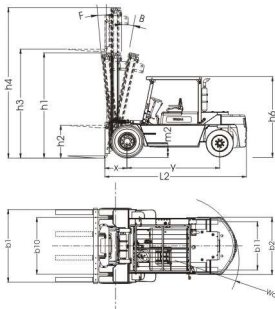
**Reliability
Performance
Productivity**



SPECIFICATIONS				
GENERAL	1	MANUFACTURER		KION India
	2	MODEL		DVX 1006
	3	CAPACITY	LIFTING LOAD	KG 10000
	4	LOAD CENTER	DISTANCE	MM 600
	5	POWER UNIT	ENGINE TYPE	DIESEL
DIMENSIONS	6	TYRES	PNEUMATIC (P), CUSHION (C)	P-STD / C-OPT
	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(h _k) X WIDTH(W) X LENGTH(L)	MM 75 X 150 X 1200
PERFORMANCE	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
FRAME & TYRES	16		HEIGHT WITH EXTENDED MAST & LBR	h4 MM 5100
	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
DRIVE	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
	26		No - FRONT / REAR	No 4 / 2
	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
	32	BRAKES	SERVICE	PNEUMATIC
	33		PARKING	PNEUMATIC
	34		MANUFACTURER / MODEL	REPUTED
	35	ENGINE	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	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



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100+
CUSTOMER
TOUCH POINTS



F.MKT/KION 302.140.00

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