

8.0T Heavy Duty Forklift

Capacity : 8000kg @ 600mm 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

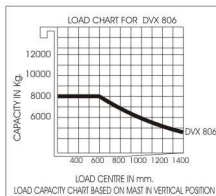
A large size Hydraulic tank is fitted with a breather. It is used for releasing the gases formed. Gear type direct driven hydraulic pump is mounted on the transmission housing. Relief valve protects system against excessive pressures from overload. System is continuously filtered by intake suction and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

MAX

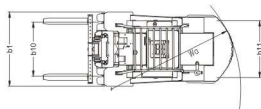
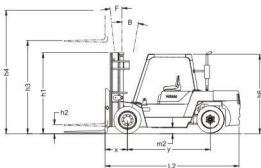
**Reliability
Performance
Productivity**



SPECIFICATIONS							
GENERAL	1	MANUFACTURER		KION India			
	2	MODEL		DXV 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	3500	
	8		FREE LIFT WITH STD HVM MAST	h2	MM	NIL	
	9	FORK CARRIAGE	ISO CLASS			BAR	
	10	FORK DIMENSIONS	THICKNESS(h _k) X WIDTH(W) X LENGTH(L)		MM	65 X 150 X 1200	
	11	FORK SPREAD	MINIMUM - MAXIMUM		MM	120 / 1800	
	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	MM	2325 / 1875	
	15	OVERALL DIMENSIONS	HEIGHT WITH COLLAPSED MAST	h1	MM	3350	
	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	
	PERFORMANCE	20		TRAVEL - LADEN / UNLADEN	KMPH		18 / 24
		21	SPEEDS WITH STD HVM	LIFTING - LADEN / UNLADEN	MM/S		0.25 / 0.26
		22		LOWERING - LADEN / UNLADEN	MM/S		0.48 / 0.23
		23	GRADABILITY**	LADEN		%	20 / 24
		24	STEERING TYRE	POWER STEERING			Hydrostatic Power Steering
		25	WEIGHT	LADEN / UNLADEN		KG	18780 / 10760
FRAME & TYRES	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	
	DRIVE	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

OM VOLTAS
DESIGNED TO WORK

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