

DVX506 FC

5.0 Ton Diesel Forklift
with Fluid Coupling

CEV - V



Why Buy Me?

✓ Maximum Reliability

✓ Maximum Performance

✓ Maximum Productivity

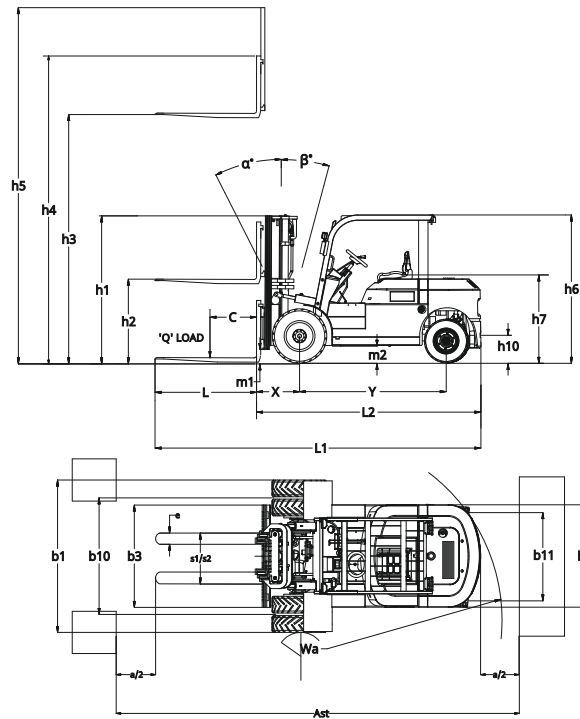
Attachments



DVX506 FC - SPECIFICATIONS



Characteristics	1.1	Manufacturer	-	KION India
	1.2	Model Designation	-	DVX506 FC
	1.3	Power Unit: Battery/Diesel	-	Diesel
Weight	1.4	Operation: Manual, Stan-On, Seated	-	Seated
	1.5	Load Capacity	Q(kg)	5000
	1.6	Load Center	C(mm)	600
Wheels & Tyres	1.7	Axle Center to Fork Face	X(mm)	510
	1.8	Wheelbase	Y(mm)	2200
	2.1	Service Weight - Laden/Unladen	kg	6830*
Dimensions	2.2	Axle Load Laden, Front/Rear	kg	10700/1080
	2.3	Axle Load Unladen, Front/Rear	kg	3340 /3500
	3.1	Tyre: Solid, Pneumatic, Superelastic	-	Solid
Performance	3.2	Tyre: Size, Front	-	7.00-12
	3.3	Tyre: Size, Rear	-	7.00-12
	3.4	Wheels, Number Front/Rear (x=drive)	-	4/2
Others	3.5	Track Width, Front	b10 mm	1400
	3.6	Track Width, Rear	b11 mm	1280
	4.1	Mast Tilt, Forward/Backward	a/?	Refer Table*
Drive	4.2	Mast Height, Lowered	h1 mm	Refer Table*
	4.3	Freelift	h2 mm	Refer Table*
	4.4	Maximum Fork Height	h3 mm	Refer Table*
Performance	4.5	Mast Height, Extended	h4 mm	Refer Table*
	4.6	Height of Overhead Guard	h6 mm	Refer Table*
	4.7	Seat Height	h7 mm	1260
Others	4.8	Towing Coupling Height	h10 mm	412
	4.9	Overall Length	L1 mm	4510
	4.10	Length to Fork Face	L2 mm	3290
Performance	4.11	Overall Width	b1/b2 mm	1760/1513
	4.12	Fork Dimensions	s/e/l mm	60x150x1220
	4.13	Fork Carriage to DIN 15173, Class/Form A,B	-	4A
Drive	4.14	Width of Fork Carriage	b3 mm	1524
	4.15	Fork Spread (Out to Out)	s1/s2	330/1510
	4.16	Ground Clearance Mast	m1 mm	150
Others	4.17	Ground Clearance, At Frame	m2 mm	170
	4.18	Aisle Width Pallet 1200x1000 Across Fork	Ast mm	4810
	4.19	Aisle Width Pallet 800x1200 Across Fork	Ast mm	5010
Performance	4.20	Turning Radius	Wa mm	3000
	5.1	Travel Speed, With/Without Load	km/h	18/18
	5.2	Lifting Speed, With/Without Load	m/s	0.36/0.38
Others	5.3	Lowering Speed, With/Without Load	m/s	0.42/0.25
	5.4	Gradability, With/Without Load	%	17/20
	5.5	Service Brake	-	Air Assisted Hydraulic
Drive	5.6	Steering Type	-	Power Steering
	6.1	Engine Manufacturer/ Type	-	Mahindra M-Torque 4745 MCVCN35T1074CE5
	6.2	Engine/Motor Performance	HP/Kw	74.5/55
Others	6.3	Rated Speed	rpm	2200 (±50 rev/min)
	6.4	Max Torque	Nm@rpm	400 ±5% @1100-1200
	6.5	No. of Cylinders	-	4
Performance	6.6	Fuel Consumption as per VDI Cycle	l/h	NA
	6.7	Battery Voltage/Rated Capacity	v/Ah	12V/130AH
	6.8	Transmission Make/Model	-	FLUID COUPLING
Others	6.9	Transmission Type	-	Manual
	6.10	Gear Shift Type	-	Manual
Performance	7.1	Transmission Speed	Fwd/Rev	2/2
	7.2	Hydraulic Pump Type	-	Gear Pump (Tandem)
	7.3	Hydraulic Pump Displacement	cc/rev	47.87
Others	7.4	Control Valve Type	-	DC Valve
	7.5	Control Valve Displacement	lpm	80
	7.6	Working Pressure of Hydraulic System	bar	180
Performance	7.7	Hydraulic Oil Tank Capacity	L	80
	7.8	Fuel Tank Capacity	L	75
	7.9	Noise Level at Operators Ear to EN 12053	dB(A)	95dB



DERATION CHART									
Sr. No.	MAST Type	OAH h1 (mm)	FFH h2 (mm)	MFH h3 (mm)	OAH Without LBR h4 (mm)	OAH With LBR h5 (mm)	Tilt FWD/REV a/β	Overhead Guard Height h6 (mm)	Capacity (kg) @MFH
1	HVT STD	2530	NIL	3660	4450	5100	6°/10°	2250	5000
2	HVM	2705	NIL	4000	4800	5450	3°/6°	2250	5000
3	HVM	3070	NIL	4500	5300	5950	3°/6°	2250	4500
4	HVM	3310	NIL	5000	5800	6450	3°/6°	2250	4500
5	HVM	3560	NIL	5500	6300	6950	3°/6°	2250	3800
6	HVT	2100	1300	4200	5000	5650	6°/6°	2150	4250
7	HVT	2400	1600	5100	5900	6550	6°/6°	2250	4000
8	HVT	2900	2100	6500	7250	7900	3°/6°	2250	3500

135+ CUSTOMER TOUCH POINTS FOR SALE AND SERVICE



Stability as per 'BIS'. All specification are subjected to tolerance of ±12% except those governed by BIS. Due to continuous improvements the dimensions are subjected to change without notice. *Dimensions mentioned are for Standard HVM 3600 MFH Model, refer table for other mast configuration.



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