

# DVX506 FC

5.0 Ton Diesel Forklift  
with Fluid Coupling

CEV-V



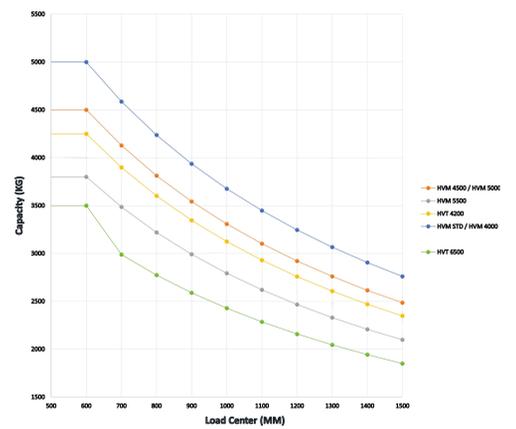
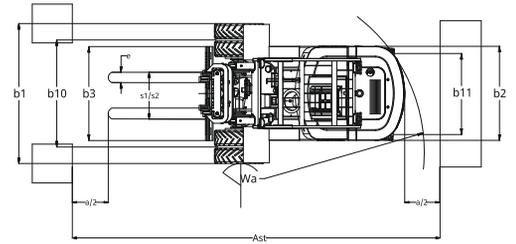
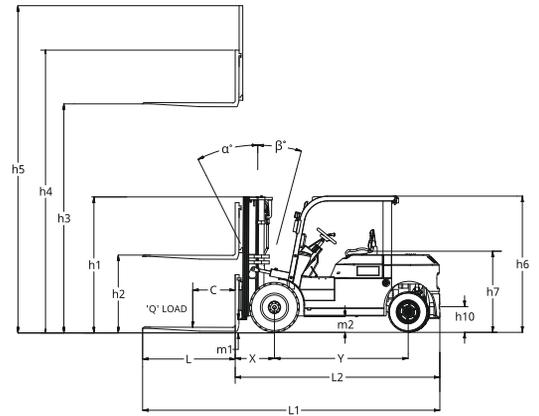
## Why Buy Me?

- ✔ Advanced After-Treatment Systems
- ✔ Fuel-Efficient Operation
- ✔ Low Maintenance Costs
- ✔ Reliable Regeneration System
- ✔ Robust for Indian Conditions
- ✔ Smart Operator Display

# DVX506 FC - SPECIFICATIONS



Characteristics			
1.1	Manufacturer	-	KION India
1.2	Model Designation	-	DVX506 FC
1.3	Power Unit: Battery/Diesel	-	Diesel
1.4	Operation: Manual, Stan-On, Seated	-	Seated
1.5	Load Capacity	Q(kg)	5000
1.6	Load Center	C(mm)	600
1.7	Axle Center to Fork Face	X(mm)	510
1.8	Wheelbase	Y(mm)	2200
Weight			
2.1	Service Weight - Laden/Unladen	kg	6830*
Wheels & Tyres			
3.1	Tyre: Solid, Pneumatic, Superelastic	-	Solid
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
3.5	Track Width, Front	b10 mm	1400
3.6	Track Width, Rear	b11 mm	1280
Dimensions			
4.1	Mast Tilt, Forward/Backward	a/?	Refer Table*
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*
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
4.8	Overall Length	L1 mm	4510
4.9	Length to Fork Face	L2 mm	3290
4.10	Overall Width	b1/b2 mm	1760/1513
4.11	Fork Dimensions	s/e/l mm	60x150x1220
4.12	Fork Carriage to ISO Class	-	4A
4.13	Width of Fork Carriage	b3 mm	1524
4.14	Fork Spread (Out to Out)	s1/s2	330/1510
4.15	Ground Clearance Mast	m1 mm	150
4.16	Ground Clearance, Center of Wheels	m2 mm	170
4.17	Turning Radius	Wa mm	3000
Performance			
5.1	Travel Speed, With/Without Load	km/h	18/18
5.2	Lifting Speed, With/Without Load	m/s	0.36/0.38
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
5.6	Steering Type	-	Power Steering
Drive			
6.1	Engine Manufacturer/ Type	-	Mahindra M Torque 4745 MCVNC35TIO74CE5
6.2	Engine/Motor Performance	HP/Kw	74.5/55
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
6.6	Battery Voltage/Rated Capacity	v/Ah	12V/130AH
6.7	Transmission Make/Model	-	FLUID COUPLING
6.8	Transmission Type	-	Manual
6.9	Gear Shift Type	-	Manual
7.1	Transmission Speed	Fwd/Rev	2/2



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 HVT 4200 Model, refer table for other mast configuration.

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

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