

5.0T Automatic Transmission Diesel Forklift

Capacity : 5000 kg @ 600 mm L.C.



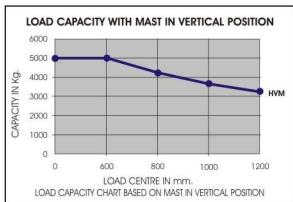
“Available
with
Pneumatic
brakes
also as
an Option”



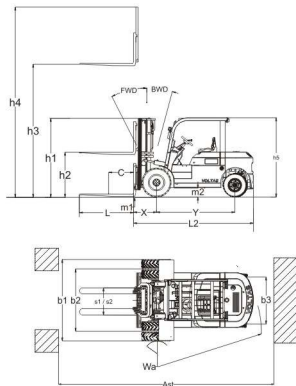
MAX

**Reliability
Performance
Productivity**

SPECIFICATIONS				KION INDIA	
1	MANUFACTURER				
2	MODEL				DXV 506 AT MAX
3	CAPACITY	LIFTING LOAD		Kg	5000
4	LOAD CENTER	DISTANCE	C	mm	600
5	POWER UNIT	ENGINE TYPE			DIESEL
6	TYRES	PNEUMATIC (PD), CUSHION (BCD)			BCD - STD, PD-OPTION
7	LIFT HEIGHT	MAX FORK HEIGHT (HVM / HVT)	h3	mm	3660 / 4200
8	STANDARD MAST	STD FREE LIFT(HVM / HVT)	h2	mm	NIL / 1300
9	FORK CARRIAGE	ISO CLASS			4A
10	FORK	THICKNESS X WIDTH X LENGTH		mm	65 x 150 x 1220
11	FORK SPREAD	MINIMUM - MAXIMUM	s1/s2	mm	330 / 1510
12	TILT ANGLE	FORWARD / BACKWARD (HVM / HVT)	Fwd/Bwd	Deg	6 / 10 & 6 / 6
13		LENGTH TO FACE OF FORKS	L2	mm	3290
14		OVERALL WIDTH	b1	mm	1760
15	OVERALL DIMENSIONS	FRONT OVERHANG	X	mm	510
16		HEIGHT WITH COLLAPSED MAST (HVM / H/T)	h1	mm	2530 / 2100
17		HEIGHT WITH EXTENDED MAST WITH LBR (HVM / H/T)	h4	mm	5100 / 5600
18		OVERHEAD GUARD HEIGHT	h5	mm	2350 / 2125
19	TURNING RADIUS		Wa	mm	3000
20	AISLE WIDTH	WITH PALLET 800 x 1200 ACROSS FORKS	Ast	mm	4810
		WITH PALLET 1200 x 1000 ACROSS FORKS	Ast	mm	5010
21		TRAVEL SPEED		Kmph	18
22	SPEEDS WITH STD HVM	LIFTING - LADEN / UNLADEN		m / s	0.40 / 0.50
23		LOWERING - LADEN / UNLADEN		m / s	0.45 / 0.38
24	GRADABILITY	LADEN / UNLADEN		%	17 / 24
25	STEERING TYPE	POWER STEERING			HYDROSTATIC
26	WEIGHT	SERVICE WEIGHT - UNLADEN		KG	6850
27	AXLE LOADS	LADEN - FRONT / REAR (WITH STD HVM MAST)		KG	10685 / 1165
		UNLADEN - FRONT / REAR (WITH STD HVM MAST)		KG	3075 / 3775
29	TYRES	NO - FRONT / REAR		Nos	4 / 2
30		SIZE - FRONT		mm	7.00 X 12 - 16PR
31		SIZE - REAR		mm	7.00 X 12 - 16PR
32	WHEEL BASE		Y	mm	2200
33	TRACK	FRONT / REAR	b3/b2	mm	1390 / 1280
34	GROUND CLEARANCE	AT MAST	m1	mm	150
35		AT FRAME	m2	mm	170
36	PARKING BRAKE				MECHANICAL
37	SERVICE BRAKE				HYDRAULIC FOOT PEDAL
38		MANUFACTURER / MODEL			SIMPSON TSJ 436
39	ENGINE	ENGINE RATING		HP	75
40		RATED RPM		RPM	2200
41		RATED TORQUE		kgm@RPM	295@1500
42		NUMBER OF CYLINDERS			4
43		TRANSMISSION			AUTOMATIC
44	GEAR BOX	NO OF SPEEDS (FWD / REV)			2 / 2
45		GEAR SHIFT			MECHANICAL BY SYNCHRONISERS



** UNLADEN GRADABILITY IS LIMITED TO SKIDDING OF TYRES.
CAPACITY AT MFH FOR HVT MAST IS 4250 Kg



SAFETY: TRUCK CONFORMS TO STABILITY REQUIREMENT AS PER "BIS" & "ISO" STANDARDS
ALL SPECIFICATIONS ARE SUBJECT TO TOLERANCE OF +/- 12% APART FROM THOSE GOVERNED BY BIS
DUE TO CONTINUOUS DESIGN IMPROVEMENTS THE DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

OM VOLTAS
DESIGNED TO WORK

KION India Private Ltd.

Plant : 5/4 Chandan Nagar, Pune-Nagar Road,
Pune - 411014, Maharashtra, India

Enquiries : in.enquiries@kiongroup.com

Contact : 020 - 67342-194 / 154 / 193 / 208 / 130

Sales Toll Free No. : 1800 270 9982

**100+
CUSTOMER
TOUCH POINTS**



FAKTKION 302.140.00

May 2018 / 00 - City - 500