



HYUNDAI

5T Diesel Forklift – 50DN-9VB
SPECIFICATION SHEET



Technical Data

Machine Specifications	Standard
Service Weight	7264 kg
Axle Loading – loaded front/rear	10,749 / 1515 kg
Axle Loading – unloaded front/rear	2949 / 4315 kg
Load Capacity	4990 kg
Load Center Distance	600 mm
Load distance, center of drive axle to forks	576 mm
Wheelbase	2100 mm
Tyre Size – Front/Rear	7.50-16-12PR / 7.00-12-14PR (Pneumatic)
Tread – Front/Rear	1282 / 1140 mm

Dimensions	
Overall Length	4547 mm
Overall width (double tyre)	1418 (1746) mm
Fork Dimensions	60 x 150 x 1200 mm
Height (mast lowered)	2220 mm
Height (mast extended)	4147 mm
Height of Seat / Stand Height Rel. to SIP	1304 mm
Lifting Height	2930 mm
Free Lift	120 mm
Height of Overhead Guard / Cabin	2340 / 2350 mm
Turning Radius	3801 mm
Smallest Pivot Point Distance	1074 mm
Aisle Width for Pallets 1000 x 1200 Crossways	4857 mm
Aisle Width for Pallets 800 x 1200 Lengthways	5057 mm
Length to Face of Forks	3347 mm
Coupling Height	360 mm
Tilt of Mast / Fork Carriage Forward / Backward	8 / 10 degrees
Ground Clearance, below mast, loaded	155 mm
Ground Clearance, Centre of wheelbase	190 mm
Fork Carriage ISO 2328, Class / Type A, B	III / A
Fork Carriage Width (double tyre)	1300 mm (1600 mm)

Performances	
Travel Speed – Loaded/Unloaded	16.03 / 17.46 mph
Lift Speed – Loaded/Unloaded	410 / 460 mm/s
Lowering Speed – Loaded/Unloaded	500 / 550 mm/s
Max. Drawbar Pull – Loaded/Unloaded	41,460 / 40,256 N
Max. Gradeability – Loaded/Unloaded	32.6 / 22.3 %
Service Brake	Hydraulic

Engines	
Manufacturer / Type of Engine	HMC D4CC
Engine Power Acc. To ISO 1585	54.4 kW / 2000 rpm (73.2 hp / 2200 rpm)
Maximum Torque	34.5 kgf.m / 1500 rpm (248 lbf.ft / 1500 rpm)
No. of Cylinders / Displacement	4 EA / 2891 CC
Fuel Consumption Acc. To VDI cycle	4.4 L/H
Type of Drive Control	Power Shift AC
Operating Pressure, System / Attachments	210 / 140 bar
Oil Volume for Attachments	60 LPM
Trailer coupling, Type Din	PIN