



## 5.0 - 10.0 TONNE ROYAL STANDARD DIESEL FORKLIFTS

GENERAL SPECIFICATIONS					
Model	H50B	H60B	H70B	H90D	H100D
Power Type	Diesel				
Rated Load Capacity (kg)	5000	6000	7000	9000	10000
Load Centre (mm)	600				
CHARACTERISTICS AND DIMENSIONS					
Rated Lift Height (mm)	3000				
Free Lift Height (mm)	205	205	210	130	130
Mast Tilt Angle (F/R, $\alpha^\circ/\beta^\circ$ ) (Deg)	6°/12°				
Mast Lowered Height (mm)	2500	2500	2625	2850	2850
Mast Extended Height (with Backrest) (mm)	4420	4420	4420	4015	4015
Overhead Guard Height (mm)	2485	2485	2485	2610	2610
Ground Clearance (Bottom of Mast)	200	200	200	250	250
Length to Face of Fork (Without Fork)	3530	3530	3620	4300	4300
Overall Width (mm)	1995	1995	1995	2165	2165
Fork Size L x W x T (mm)	1220 x 150 x 55	1220 x 150 x 60	1220 x 150 x 65	1220 x 175 x 80	1220 x 175 x 80
Fork Overhang (Wheel Center to Fork Face)	585	595	595	710	710
Rear Overhang (mm)	670	670	750	790	790
Turning Radius (Outside) (mm)	3280	3280	3360	3920	3920
Min. Right Angle Stacking Aisle Width (Add Load Length and Clearance) (mm)	5215	5215	5315	5845	5915
PERFORMANCE					
Travel Speed (No Load) (km/h)	27	26	26	30	30
Lifting Speed (Full Load) (mm/sec)	400	400	330	310	310
Lowering Speed (Full Load) (mm/sec)	500				
Max. Drawbar Pull (Full Load) (KN)	45	45	43	57	57
Max. Gradeability (Full Load) (%)	20	20	20	≤20	≤20
Service Brake (Operation/Control)	Foot/Powershift				
Parking Brake (Operation/Control)	Hand/Mechanical				
CHASSIS					
Tyre (Front x 2) (mm)	8.25 - 15 - 14PR	8.25 - 15 - 14PR	8.25 - 15 - 14PR	9.00 - 20 - 14PR	9.00 - 20 - 14PR
Tyre (Rear x 2) (mm)	8.25 - 15 - 14PR	8.25 - 15 - 14PR	8.25 - 15 - 14PR	9.00 - 20 - 14PR	9.00 - 20 - 14PR
Front Tread (mm)	1470	1470	1470	1600	1600
Rear Tread (mm)	1700				
Wheelbase	2250	2250	2250	2800	2800
WEIGHT					
Total Weight (kg)	7980	8640	9350	12200	12900
Front Axle Weight Distribution (Full Load)	11660	13050	14570	19980	20610
Rear Axle Weight Distribution (Full Load)	1320	1590	1780	2220	2290
Front Axle Weight Distribution (No Load)	4010	3880	3860	5380	5660
Rear Axle Weight Distribution (No Load)	3970	4760	5490	6820	8240
POWER AND TRANSMISSION					
Battery (V/Ah)	24/90				
Engine Model	S6S-T(EU III)	S6S-T(EU III)	S6S-T(EU III)	S6K(EU III)	S6K(EU III)
Engine Manufacturer	MITSUBISHI				
Rated Output/rpm (kW)	63.9/2300	63.9/2300	63.9/2300	82.4/2000	82.4/2000
Rated Torque/rpm (N·m)	285/1700	285/1700	285/1700	500/1200	500/1200
No. of Cylinders	6				
Bore x Stroke (mm)	94 x 120	94 x 120	94 x 120	102 x 130	102 x 130
Displacement (L)	4.966	4.966	4.966	6.373	6.373
Fuel Tank Capacity	120				
Transmission Type	Powershift				
Transmission Stage (FWD/RVS)	2/2				
Operating Pressure (For Attachments) (Mpa)	17				