



2.0 - 3.5 TONNE ROYAL STANDARD DIESEL FORKLIFTS

GENERAL SPECIFICATIONS				
Model	C20E	C25E	C30E	C35E
Power Type	Diesel			
Rated Load Capacity (kg)	2000	2500	3000	3500
Load Centre (mm)	500			
CHARACTERISTICS AND DIMENSIONS				
Rated Lift Height (mm)	3000			
Free Lift Height (mm)	140	140	145	145
Mast Tilt Angle (F/R, α°/β°) (Deg)	6°/12°			
Mast Lowered Height (mm)	2045	2045	2060	2060
Mast Extended Height (with Backrest) (mm)	4145	4145	4160	4160
Overhead Guard Height (mm)	2180	2180	2192	2192
Ground Clearance (Bottom of Mast)	130	130	145	145
Length to Face of Fork (Without Fork)	2625	2625	2716	2780
Overall Width (mm)	1150	1150	1225	1225
Fork Size L x W x T (mm)	1070 x 125 x 40	1070 x 125 x 40	1070 x 125 x 45	1070 x 125 x 45
Fork Overhang (Wheel Center to Fork Face)	473	473	478	478
Rear Overhang (mm)	508	508	578	642
Turning Radius (Outside) (mm)	2315	2315	2420	2490
Working Aisle with pallet (Ast) 1000 x 1200 Crossway	4010	4010	4120	4190
PERFORMANCE				
Travel Speed (No Load) (km/h)	20			
Travel Speed (Full Load) (km/h)	19	19	18.5	18.5
Lifting Speed (Full Load) (mm/sec)	510	510	430	400
Lowering Speed (Full Load) (mm/sec)	450			
Max. Drawbar Pull (Full Load) (KN)	17 (13.5)	17 (13.5)	16 (15.7)	24 (19.5)
Max. Gradeability (Full Load) (%)	20			
Service Brake (Operation/Control)	Foot/Powershift			
Parking Brake (Operation/Control)	Hand/Mechanical			
CHASSIS				
Tyre (Front x 2) (mm)	7.00 - 12 - 12PR	7.00 - 12 - 12PR	28 x 9 - 15 - 12PR	28 x 9 - 15 - 12PR
Tyre (Rear x 2) (mm)	6.00 - 9 - 10PR	6.00 - 9 - 10PR	6.50 - 10 - 10PR	6.50 - 10 - 10PR
Front Tread (mm)	970	970	1000	1000
Rear Tread (mm)	980	980	980	980
Wheelbase	1650	1650	1700	1700
WEIGHT				
Total Weight (kg)	3450	3620	4310	4750
Front Axle Weight Distribution (Full Load)	4856	5372	6490	7320
Rear Axle Weight Distribution (Full Load)	594	748	820	930
Front Axle Weight Distribution (No Load)	1507	1492	1764	2040
Rear Axle Weight Distribution (No Load)	1943	2128	2546	2710
POWER AND TRANSMISSION				
Battery (V/Ah)	12/90			
Engine Model	S4S(EU III)			
Engine Manufacturer	MITSUBISHI			
Rated Output/rpm (kW)	41.8/2300			
Rated Output/rpm (N·m)	182/1800			
No. of Cylinders	4			
Bore x Stroke (mm)	94 x 120			
Displacement (cc)	3331			
Fuel Tank Capacity (L)	50			
Transmission Type	Powershift			
Transmission Stage (FWD/RVS)	1/1(2/2)			
Operating Pressure (For Attachments) (Mpa)	17.5			

