



4.0 TONNE ROYAL STANDARD DIESEL FORKLIFT

GENERAL SPECIFICATIONS	
Model	C40E
Power Type	Diesel
Rated Load Capacity (kg)	4000
Load Centre (mm)	500
CHARACTERISTICS AND DIMENSIONS	
Rated Lift Height (mm)	3000
Free Lift Height (mm)	150
Mast Tilt Angle (F/R, α°/β°) (Deg)	6°/12°
Mast Lowered Height (mm)	2070
Mast Extended Height (with Backrest) (mm)	4170
Overhead Guard Height (mm)	2200
Ground Clearance (Bottom of Mast)	145
Length to Face of Fork (Without Fork)	2988
Overall Width (mm)	1414
Fork Size L x W x T (mm)	1070 x 125 x 50
Fork Overhang (Wheel Center to Fork Face)	493
Rear Overhang (mm)	585
Turning Radius (Outside) (mm)	2670
Working Aisle with Pallet (Ast) 1000 x 1200 Crossway	4550
PERFORMANCE	
Travel Speed (No Load) (km/h)	20
Travel Speed (Full Load) (km/h)	18
Lifting Speed (Full Load) (mm/sec)	360
Lowering Speed (Full Load) (mm/sec)	425
Max. Drawbar Pull (Full Load) (KN)	17/15
Max. Gradeability (Full Load) (%)	18
Service Brake (Operation/Control)	Foot/Powershift
Parking Brake (Operation/Control)	Hand/Mechanical
CHASSIS	
Tyre (Front x 2) (mm)	250 - 15 - 16PR
Tyre (Rear x 2) (mm)	6.50 - 10 - 10PR
Front Tread (mm)	1160
Rear Tread (mm)	980
Wheelbase	1900
WEIGHT	
Total Weight (kg)	5170
Front Axle Weight Distribution (Full Load)	8120
Rear Axle Weight Distribution (Full Load)	1050
Front Axle Weight Distribution (No Load)	2120
Rear Axle Weight Distribution (No Load)	3050
POWER AND TRANSMISSION	
Battery (V/Ah)	12/90
Engine Model	S4S(EU III)
Engine Manufacturer	MITSUBISHI
Rated Output/rpm (kW)	41.8/2300 and 34.4/2250
Rated Torque/rpm (N·m)	182/1800 and 165/1700
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

