



**2.0- 3.5 TONNE ROYAL STANDARD LPG/PETROL FORKLIFTS**

GENERAL SPECIFICATIONS				
Model	C20HG	C25HG	C30HG	C35HG
Power Type	lpg/petrol	lpg/petrol	lpg/petrol	lpg/petrol
Rated Load Capacity (kg)	2000	2500	3000	3500
Load Centre (mm)	500	500	500	500
CHARACTERISTICS AND DIMENSIONS				
Rated Lift Height (mm)	3000	4500	3000	3000
Free Lift Height (mm)	140	140	145	145
Mast Tilt Angle (F/R, α°/β°) (Deg)	6°/12°	6°/12°	6°/12°	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×W×T (mm)	1070x125x40	1070x125x40	1070x125x45	1070x125x45
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) 1000x1200 Crossway	4010	4010	4120	4190
PERFORMANCE				
Travel Speed (No Load) (km/h)	20	20	20	20
Travel Speed (Full Load) (km/h)	19	19	18.5	18.5
Lifting Speed (Full Load) (mm/sec)	490	490	390	360
Lowering Speed (Full Load) (mm/sec)	450	450	450	450
Max. Drawbar Pull (Full Load) (KN)	17(13.5)	22(18)	16(15.7)	24(19.5)
Max. Gradeability (Full Load) (%)	20	20	20	20
Service Brake (Operation/Control)	Foot/Powershift	Foot/Powershift	Foot/Powershift	Foot/Powershift
Parking Brake (Operation/Control)	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical
CHASSIS				
Tyre (Front x 2) (mm)	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15-12PR
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)	12/60	12/60	12/60	12/60
Engine Model	K25	K25	K25	K25
Engine Manufacturer	NISSAN	NISSAN	NISSAN	NISSAN
Rated Output/RPM (kw)	44.2/2500	44.2/2500	44.2/2500	44.2/2500
Rated Torque/RPM (N·m)	186.2/1600	186.2/1600	186.2/1600	186.2/1600
No. of Cylinders	4	4	4	4
BorexStroke (mm)	94x120	92x93	94x120	94x120
Displacement (cc)	3331	2472	3331	3331
Fuel Tank Capacity (L)	50	50	50	50
Transmission Type	Powershift	Powershift	Powershift	Powershift
Transmission Stage (FWD/RVS)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)
Operating Pressure (For Attachments) (Mpa)	17.5	17.5	17.5	17.5

