



LPG Gas Forklift – MI25G
SPECIFICATION SHEET



Technical Data

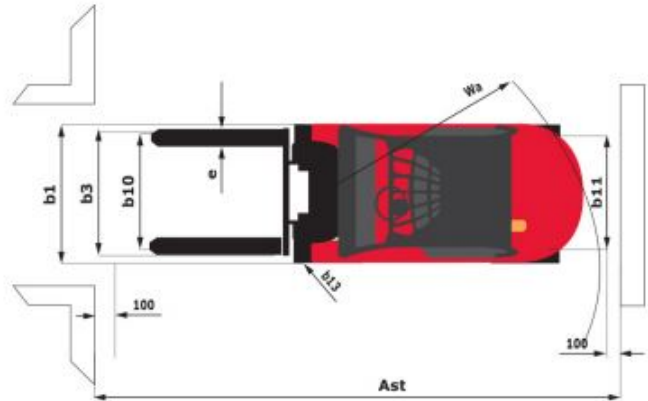
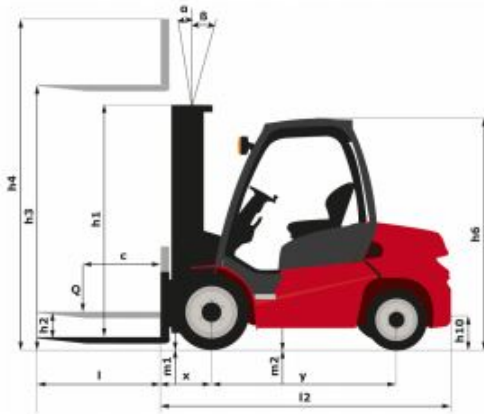
Machine Specifications	Standard
Service Weight	3895 kg
Weight on Front Axle (Laden) / Rear Axle (Laden)	5665 kg / 730 kg
Weight on Front Axle (Unladen) / Rear Axle (Unladen)	1665 / 2230 kg

Dimensions	
Overall Length	3685 mm
Total Width (overall)	1155 mm
Fork Dimensions	1150 x 40 x 122mm
Height (mast lowered)	2185 mm
Height (mast extended)	4345 mm
Height of Towing Bar	360 mm
Height of Seat	1190 mm
Lifting Height	3300 mm
Free Lift	140 mm

Performances	
Speed of travel – laden / unladen	19.4 / 19.7 km/h
Speed of raise – laden / unladen	0.56 / 0.55 km/h
Speed of lowering – laden / unladen	0.50 / 0.50 km/h
Nominal Towing Power – laden / unladen	17000 / 10400 N
Gradeability with / without load	>20 %
Service Brake	Hydraulic

Engine	
Manufacturer / Type of Engine	NISSAN K25
Power Delivery	38 kW
Rated Speed	2400 tr/min
Number of pistons / cubic capacity	4 / 2488 cm ³

Technical Drawings



Characteristics of masts and residual capacities

Full Visibility Duplex		FVD 33	FVD 37	FVD 40
h2 - Free lift	in	5.51"	5.51"	5.51"
h1 - Height mast lowered *	in	7' 2.02"	7' 11.86"	8' 7.74"
h3 - Lifting Height	in	10' 9.92"	12' 1.66"	13' 1.48"
h4 - Height mast extended *	in	12' 11.90"	14' 3.65"	15' 3.46"
h4 - Height mast extended with load backrest	in	12' 11.90"		
α / β - Mast inclination (front / rear)	°	6 / 12	6 / 12	6 / 12
Residual capacity at max height	lbs	5511.56	5511.56	5511.56
Residual capacity without attachment (Industrial load chart)	lbs	5511.56	5511.56	5511.56
Residual capacity with integrated side shift (Industrial load chart)	lbs	5511.56	5511.56	5511.56
Residual capacity with hooked-on side shift (Industrial load chart)	lbs	5511.56		
Height at max capacity	in	10' 9.92"	12' 1.66"	13' 1.48"
Height at max capacity with integrated sideshift	in	10' 9.92"	12' 1.66"	13' 1.48"
Height at max capacity Fork positioner + DL	in	10' 9.92"	12' 1.66"	13' 1.48"

Free Lift Duplex		FLD 33	FLD 37	FLD 40
h2 - Free lift	in	4' 10.26"	5' 6.14"	6' 2.01"
h1 - Height mast lowered *	in	7' 1.03"	7' 8.91"	8' 4.78"
h3 - Lifting Height	in	10' 9.92"	12' 1.66"	13' 1.48"
h4 - Height mast extended *	in	13' 0.69"	14' 2.47"	15' 4.25"
α / β - Mast inclination (front / rear)	°	6 / 12	6 / 12	6 / 12
Residual capacity at max height	lbs	5511.56	5511.56	5511.56
Residual capacity without attachment (Industrial load chart)	lbs	5511.56	5511.56	5511.56
Residual capacity with integrated side shift (Industrial load chart)	lbs	5511.56	5511.56	5511.56
Height at max capacity	in	10' 9.92"	12' 1.66"	13' 1.48"
Height at max capacity with integrated sideshift	in	10' 9.92"	12' 1.66"	13' 1.48"
Height at max capacity Fork positioner + DL	in	10' 9.92"	12' 1.66"	13' 1.48"

