

MI 15 G

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Műszaki adatlap :

MI 15 G



Technical characteristics

| | Metrikus | Angolszász |
|---|-----------|------------|
| 1.1 Manufacturer | Manitou | Manitou |
| 1.2 Model Name | MI 15 G | MI 15 G |
| 1.3 Power source | Lpg | Lpg |
| 1.4 Operator type | Seated | Seated |
| 1.5 Max. capacity | Q 1500 kg | 3307 lbs |
| 1.6 Load centre of gravity | c 500 mm | 19.685 in |
| 1.8 Load distance, centre of drive axle to fork | x 405 mm | 15.945 in |
| 1.9 Wheelbase | y 1420 mm | 55.906 in |

Weight

| | | |
|--|-------------------|---------------------|
| 2.1 Service Weight | 2710 kg | 5975 lbs |
| 2.2 Weight on front axle (laden) / rear axle (laden) | 3640 kg / 570 kg | 8025 lbs / 1257 lbs |
| 2.3 Weight on front axle (Unladen) / rear axle (Unladen) | 1230 kg / 1480 kg | 2712 lbs / 3263 lbs |

Wheels

| | | |
|--|------------|------------|
| 3.1 Tyres type | PPS | PPS |
| 3.2 Dimensions of front wheels | 6.50-10 10 | 6.50-10 10 |
| 3.3 Dimensions of rear wheels | 5.00-8 8 | 5.00-8 8 |
| 3.5 Number of front wheels / rear wheels | 2 / 2 | 2 / 2 |
| 3.2 Number of drive wheels | 2 | 2 |
| 3.6 Front wheel gauge | b10 900 mm | 35.433 in |
| 3.7 Rear wheel gauge | b11 920 mm | 36.22 in |

Dimensions

| | | | |
|---|------------------|---------|------------|
| 4.1 Tilt of Mast Forward (deg) / Backward (deg) | α / β | 6 / 12 | 6 / 12 |
| 4.7 Height of overhead guard (cabin) | h6 | 2090 mm | 82.283 in |
| 4.8 Seat height/stand height | h7 | 1160 mm | 45.669 in |
| 4.12 Height of towing bar (coupling height) | h10 | 315 mm | 12.402 in |
| 4.19 Overall length | l1 | 3310 mm | 130.315 in |

Dimensions

| | | | | |
|------|--|-----------|--------------------------|---------------------------------|
| 4.20 | Length to face of forks | l2 | 2240 mm | 88.189 in |
| 4.21 | Overall width | b1 | 1080 mm | 42.52 in |
| 4.22 | Forks section / width / length | s / e / l | 35 mm x 100 mm x 1150 mm | 1.378 in x 3.937 in x 45.276 in |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | | FEM 2A | FEM 2A |
| 4.24 | Fork carriage width | b3 | 1000 mm | 39.37 in |
| 4.31 | Ground clearance below mast | m1 | 115 mm | 4.528 in |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 150 mm | 5.906 in |
| 4.33 | Aisle width for 1000 x 1200 pallet widthways | Ast | 3590 mm | 141.339 in |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 3790 mm | 149.213 in |
| 4.35 | Turning radius | Wa | 1985 mm | 78.15 in |
| 4.36 | Internal turning radius (over tyres) | b13 | 55 mm | 2.165 in |

Performances

| | | | |
|-----|----------------------------------|---------------------|----------------------|
| 5.1 | Travel speed (laden / unladen) | 17.5 km/h / 18 km/h | 10.9 mph / 11.2 mph |
| 5.2 | Lifting speed (laden / unladen) | 0.45 m/s / 0.55 m/s | 1.48 ft/s / 1.8 ft/s |
| 5.3 | Lowering speed (laden / unladen) | 0.5 m/s / 0.55 m/s | 1.64 ft/s / 1.8 ft/s |
| 5.5 | Drawbar pull (Laden / Unladen) | 1460 daN / 770 daN | 1460 daN / 770 daN |
| 5.7 | Gradeability - laden / unladen | 20 % / 20 % | 20 % / 20 % |
| 5.9 | Service brake | Hydraulic | Hydraulic |

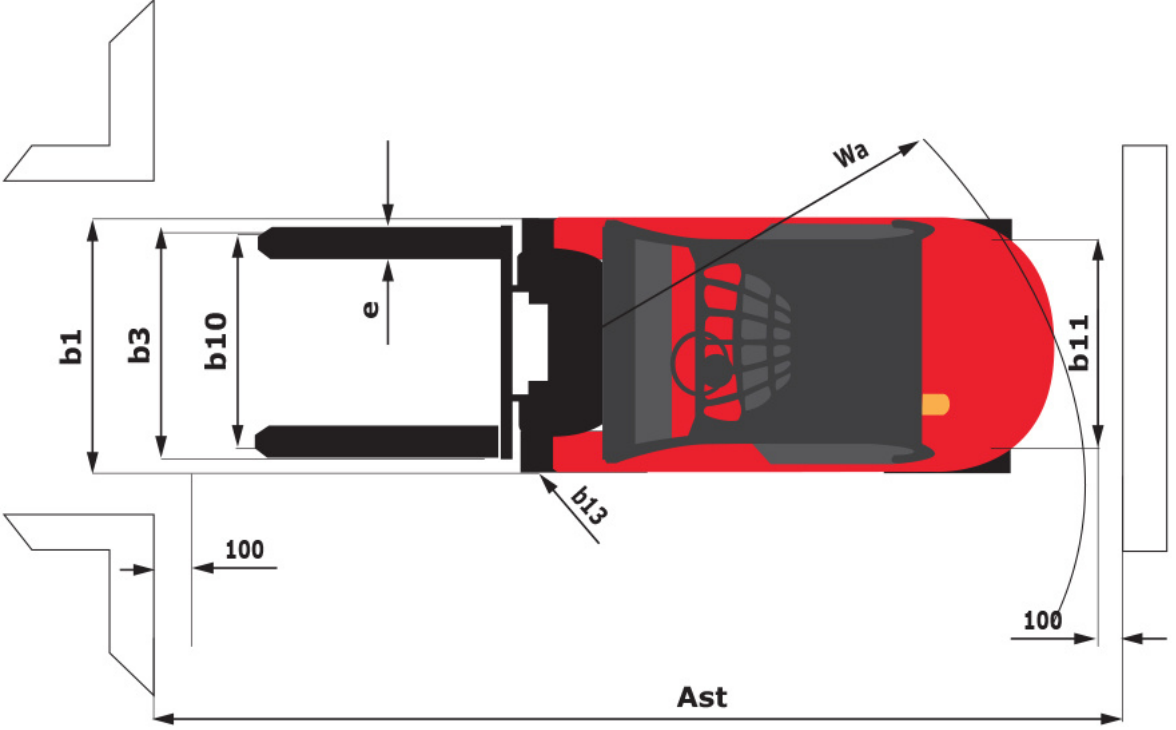
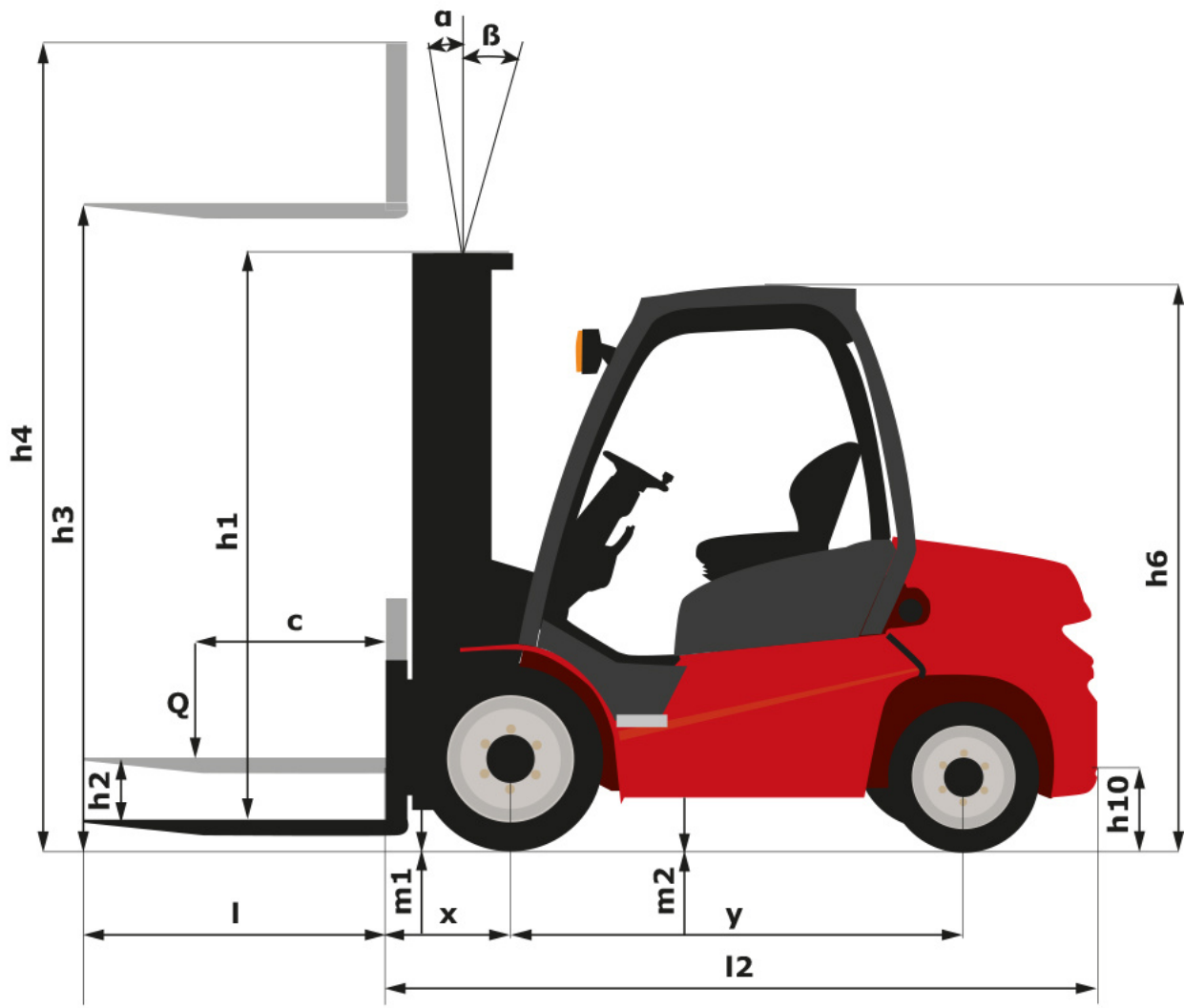
Engine

| | | | |
|-----|---|--------------------------|----------------------------|
| 6.1 | Drive motor rating S2 60 min | 29 kW | 29 kW |
| 6.2 | Lift motor rating at S3 15% | 29 kW | 29 kW |
| 7.1 | Engine brand / model | GCT (ex-Nissan) / K21 | GCT (ex-Nissan) / K21 |
| 7.2 | Engine power according to ISO 1585 | 29 kW | 29 kW |
| 7.3 | Rated speed | 2250 tr/min | 2250 tr/min |
| 7.4 | Number of cylinders / Capacity of cylinders | 4 - 2065 cm ³ | 4 - 126.01 in ³ |
| | Fuel consumption according to VDI cycle | 5.7 l/h | 5.7 l/h |

Miscellaneous

| | | | |
|-----|---|------------|------------|
| 8.2 | Working hydraulic pressure for attachments (bar) | 160 Bar | 11 PSI |
| 8.3 | Oil flow rate for attachments | 52 l/min | 52 l/min |
| 8.4 | Measured/guaranteed mean noise level at the ear of the operator | < 81 dB(A) | < 81 dB(A) |

Méretezett rajz



Oszlopok és maradványkapacítások karakterisztikája

| Full Visibility Duplex | FVD 33 FVD 37 FVD 40 | | |
|------------------------|----------------------|-----|-----|
| | mm 155 | 155 | 155 |

h2 - Free lift

| Full Visibility Duplex | | FVD 33 | FVD 37 | FVD 40 | | | | | |
|--|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| h1 - Height mast Lowered | mm | 2145 | 2395 | 2595 | | | | | |
| h3 - Lifting Height | mm | 3300 | 3700 | 4000 | | | | | |
| h4 - Height mast extended | mm | 3865 | 4265 | 4600 | | | | | |
| α / β - Mast inclination (front / rear) | ° | 6 / 12 | 6 / 12 | 6 / 12 | | | | | |
| Residual capacity at max height | kg | 1500 | 1500 | 1500 | | | | | |
| Residual capacity without attachment (Industrial load chart) | kg | 1500 | 1500 | 1500 | | | | | |
| Residual capacity with integrated side shift (Industrial load chart) | kg | 1500 | 1500 | 1500 | | | | | |
| Height at max capacity | mm | 3300 | 3700 | 4000 | | | | | |
| Height at max capacity with integrated sideshift | mm | 3300 | 3700 | 4000 | | | | | |
| Free Lift Duplex | | FLD 33 | FLD 37 | FLD 40 | | | | | |
| h2 - Free lift | mm | 1575 | 1775 | 1975 | | | | | |
| h1 - Height mast Lowered | mm | 2160 | 2360 | 2560 | | | | | |
| h3 - Lifting Height | mm | 3300 | 3700 | 4000 | | | | | |
| h4 - Height mast extended | mm | 3885 | 4285 | 4585 | | | | | |
| α / β - Mast inclination (front / rear) | ° | 6 / 12 | 6 / 12 | 6 / 12 | | | | | |
| Residual capacity at max height | kg | 1500 | 1500 | 1500 | | | | | |
| Residual capacity without attachment (Industrial load chart) | kg | 1500 | 1500 | 1500 | | | | | |
| Residual capacity with integrated side shift (Industrial load chart) | kg | 1500 | 1500 | 1500 | | | | | |
| Height at max capacity | mm | 3300 | 3700 | 4000 | | | | | |
| Height at max capacity with integrated sideshift | mm | 3300 | 3700 | 4000 | | | | | |
| Free Lift Triplex | | FLT 43 | FLT 45 | FLT 47 | FLT 48 | FLT 50 | FLT 55 | FLT 60 | FLT 65 |
| h2 - Free lift | mm | 1400 | 1500 | 1585 | 1600 | 1685 | 1885 | 2100 | 2200 |
| h1 - Height mast Lowered | mm | 2070 | 2120 | 2170 | 2220 | 2270 | 2470 | 2720 | 2870 |
| h3 - Lifting Height | mm | 4300 | 4500 | 4700 | 4800 | 5000 | 5500 | 6000 | 6500 |
| h4 - Height mast extended | mm | 4980 | 5130 | 5380 | 5430 | 5595 | 6095 | 6730 | 7180 |
| α / β - Mast inclination (front / rear) | ° | 6 / 6 | 6 / 6 | 6 / 6 | 6 / 6 | 6 / 6 | 3 / 6 | 3 / 6 | 3 / 6 |
| Residual capacity at max height | kg | 1350 | 1300 | 1250 | 1250 | 1200 | 950 | 700 | |
| Residual capacity without attachment (Industrial load chart) | kg | 1350 | 1300 | 1250 | 1250 | 1200 | 950 | 700 | |
| Residual capacity with integrated side shift (Industrial load chart) | kg | 1350 | 1300 | 1150 | 1150 | 1100 | 850 | 600 | |
| Height at max capacity | mm | 4000 | | | | | | | |



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