

8.25SH

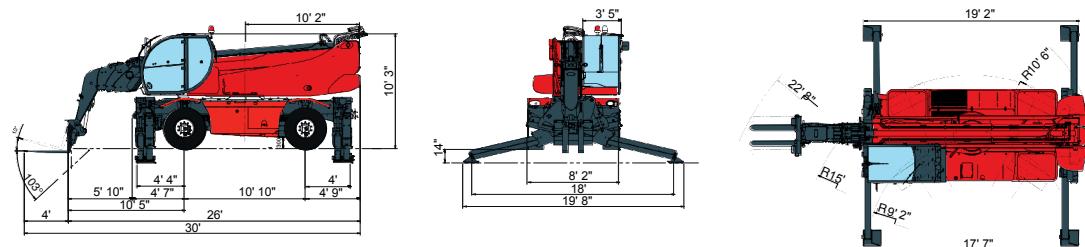
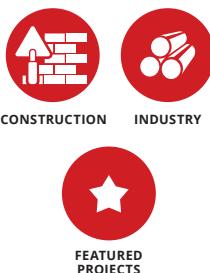


Maximum lifting height: 81.8 ft
Maximum reach: 69.2 ft
Electronically controlled hydrostatic transmission
Automatic leveling device
Scissors stabilizers

RTH 8.25 SH

| | | |
|---------------------------------|---|---|
| MACHINE MODEL | Rotating telescopic handler | RTH 8.25SH |
| | Maximum lifting capacity | 17.500 lbs (center of gravity 24 in) |
| | Maximum lifting height | 81.8 ft |
| | Rotation | 360° (continuous) |
| ENGINE | Type | Mercedes OM 934 LA Stage IV |
| | Rated power | 170 kW - 231 HP at 2,200 rpm |
| | Maximum torque | 900 Nm at 1,200-1,600 rpm |
| | Displacement | 1,35 US gal |
| | Cylinders | 4 in line |
| | Fuel | Diesel direct injection turbocharged |
| | Cooling system | Water - intercooler |
| TRANSMISSION | Type | Hydrostatic |
| | Type | Bosch - Rexroth |
| | Maximum pressure | 500 bar |
| | Displacements | Variable displacement pump electronically controlled. Variable displacement motor |
| | Gear box | 2 speeds forward-reverse |
| AXLES AND BRAKES | Type | Axles with epicyclic reduction gear |
| | Rear axle | Oscillating and steering with hydraulic locking |
| | Front axle | Oscillating and steering with levelling +/- 10° |
| | Service brake | Hydraulically activated, oil-immersed multi-disc type on each axle |
| | Parking brake | Hydraulic with negative action |
| | Tyres dimensions | 445/65 R 22,5 |
| PERFORMANCE | Max. travel speed | 15 Mph |
| | Drawbar pull | 125 kN |
| | Gradeability | 43% |
| | Turning radius (end of forks) | 272 ft |
| WEIGHTS | Total unladen | 52,910 lbs |
| | Front axle unladen (boom retracted and lowered) | 22,928 lbs |
| | Rear axle unladen (boom retracted and lowered) | 29,982 lbs |
| TANK AND SYSTEM CAPACITIES | Fuel tank | 71 US gal |
| | AdBlue | 10 US gal |
| | Hydraulic oil tank | 50 US gal |
| | Engine oil tank | 5 US gal |
| | Cooling liquid | 9 US gal |
| HYDRAULIC CIRCUIT FOR MOVEMENTS | Max. operating system pressure | 350 bar |
| | Circuit type | Load sensing |
| | Service pump | Bosch Rexroth - Variable displacement |
| | Controls for boom and turret movements | Danfoss - Electropropotional valve SIL 2 |
| | Controls for stabilizers | Bosch Rexroth - Electro-hydraulics controls |
| | Movements control | 2 joystick Danfoss with two shafts with dead man safety device - Management with CAN bus technology |
| STANDARDS MET | EN 13849: concerning the safety of all machine controls | |
| | EN 13000: concerning standards for hydraulic cranes | |
| | EN 280: concerning standards for mobile elevating work platforms | |
| | FOPS/ROPS | |
| | EU 2016/1628: concerning engine emissions standards | |
| | EN 1459-2: concerning standards for slewing variable-reach trucks | |

MAIN SECTORS



Magni Telescopic Handlers srl

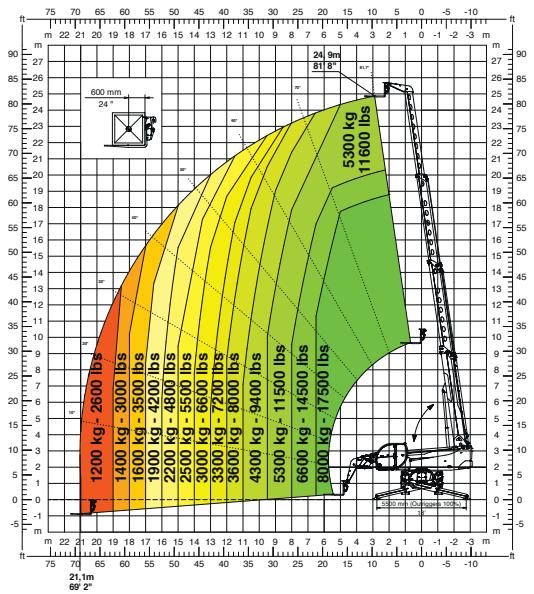
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The data in this brochure are informative and subject to change without notice

REV08.A

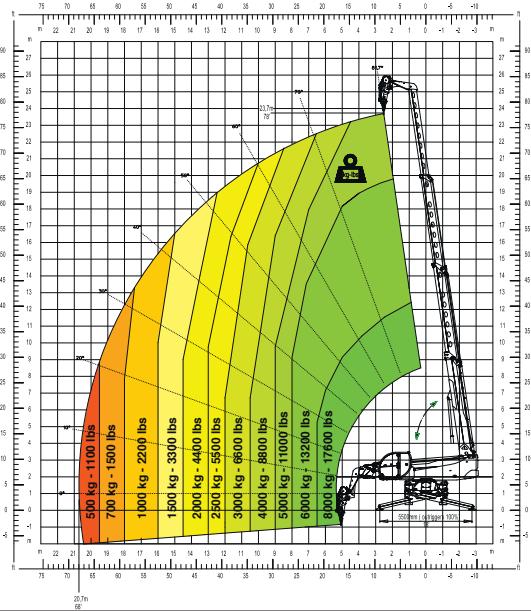
ON STABILIZERS

360° LOAD CHART ON FULLY EXTENDED STABILIZERS



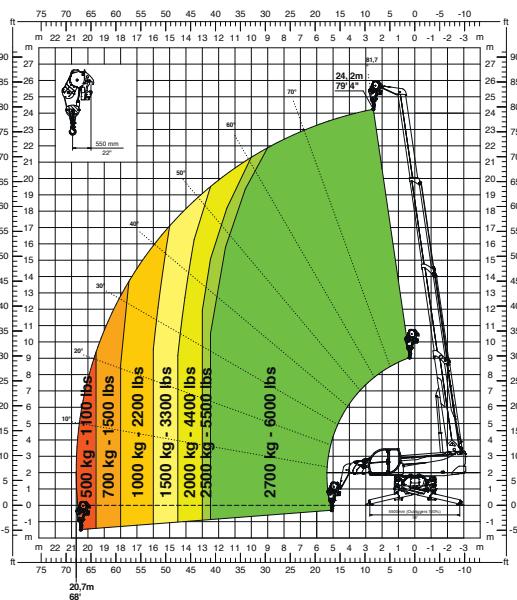
WINCH **17,600 lbs**

W 8



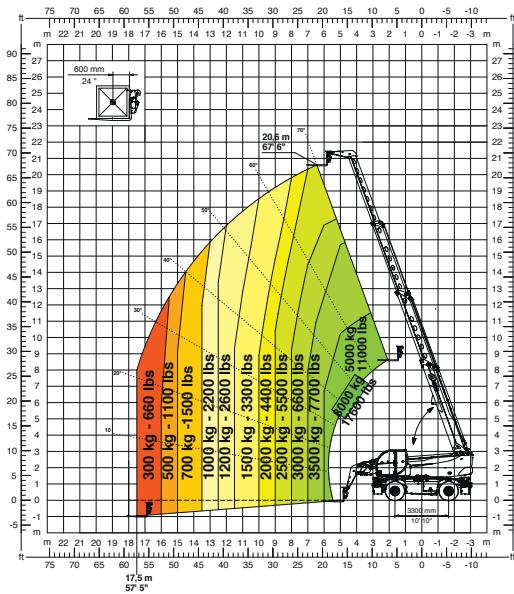
WINCH **6,000 lbs**

W 2,7



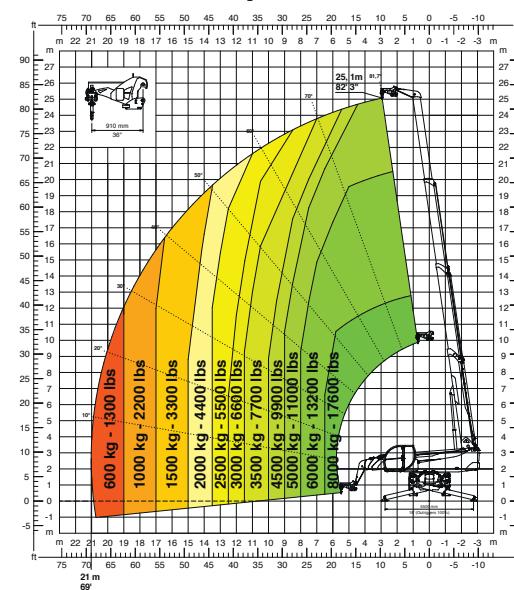
FRONTAL POSITION LOAD CHART ON POLYURETHANE FILLED TIRES

ON FILLED TIRES



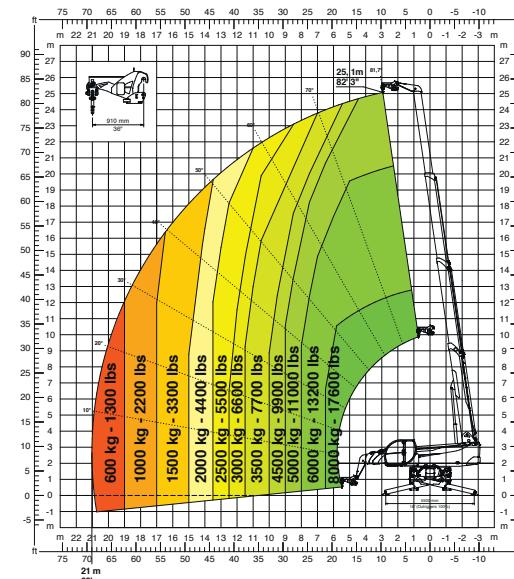
WINCH ON LOWER END
OF THE BOOM **17,600 lbs**

WB 6



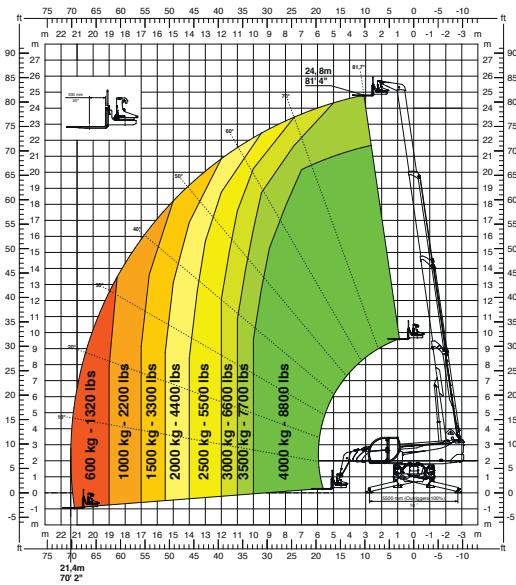
WINCH **17,600 lbs**

H8



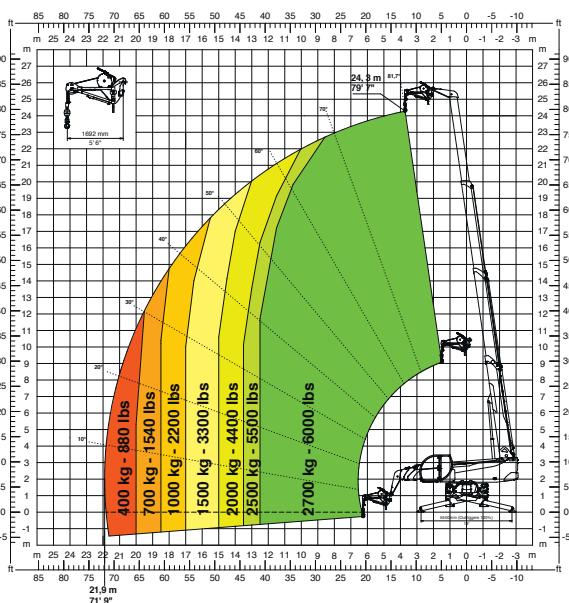
ROTATING FORK CARRIAGE 8,800 lbs

RFC 4



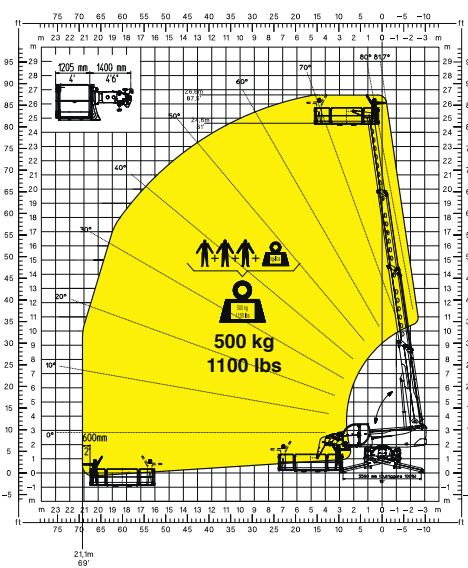
JIB WINCH 6,000 lbs

JW 2700



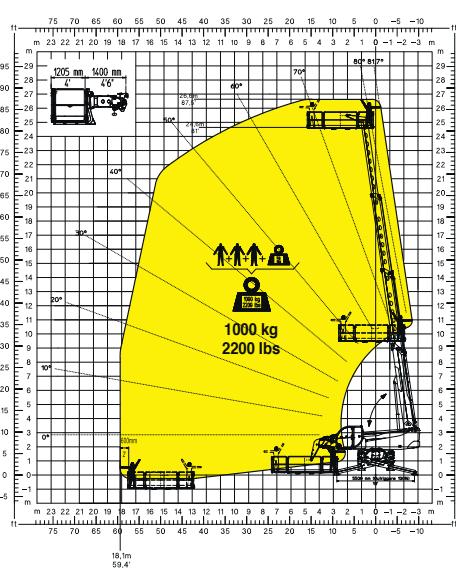
ROTATING EXTENDABLE BASKET 1,100 lbs

REP 2-4,5



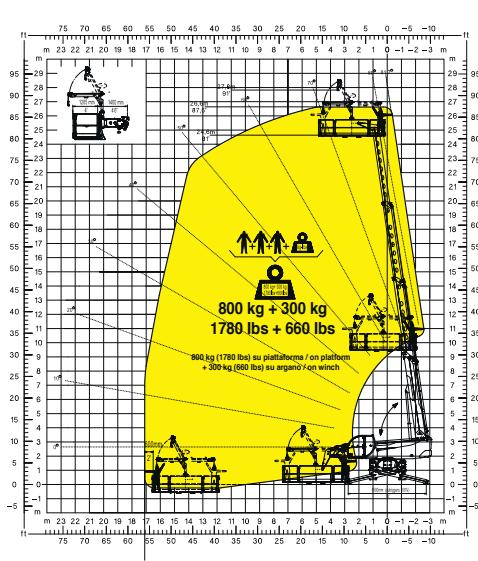
ROTATING EXTENDABLE BASKET 2,200 lbs

REP 10.2-4,7



ROTATING BASKET 1,780 lbs WITH WINCH 660 lbs

REP 8.2-4,7W0,3



TELESCOPIC BASKET 440 lbs - 33 ft

TP 2.10

