

|                        |                                                                                                                                                                                                                                                |                                                                                                     |                   |                                      |              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------|--------------------------------------|--------------|
| MACHINE MODEL          | Rotating telescopic handler                                                                                                                                                                                                                    | RTH 5.30 S                                                                                          |                   |                                      |              |
|                        | Maximum lifting capacity                                                                                                                                                                                                                       | 4.999 kg (center of gravity 500 mm)                                                                 |                   |                                      |              |
|                        | Maximum lifting height                                                                                                                                                                                                                         | 29,90 m                                                                                             |                   |                                      |              |
| ENGINE - MERCEDES      | Type                                                                                                                                                                                                                                           | Mercedes OM 934 LA Stage IV                                                                         |                   | Mercedes OM 924 LA Stage 3A          |              |
|                        | Rated power                                                                                                                                                                                                                                    | 150 kW - 203 HP at 2.200 rpm                                                                        |                   | 145 kW - 196 HP at 2.200 rpm         |              |
|                        | Maximum torque                                                                                                                                                                                                                                 | 800 Nm at 1.200-1.600 rpm                                                                           |                   | 705 Nm at 1.200-1.600 rpm            |              |
|                        | Displacement                                                                                                                                                                                                                                   | 5,13 l                                                                                              |                   | 4,8 l                                |              |
|                        | Cylinders                                                                                                                                                                                                                                      | 4 in line                                                                                           |                   | 4 in line                            |              |
|                        | Fuel                                                                                                                                                                                                                                           | Diesel direct injection turbocharged                                                                |                   |                                      |              |
|                        | Cooling system                                                                                                                                                                                                                                 | Water — intercooler                                                                                 |                   |                                      |              |
| ENGINE - JCB           | Type                                                                                                                                                                                                                                           | JCB ECOMAX stage IV i                                                                               |                   | JCB DIESELMAX stage 3A               |              |
|                        | Rated power                                                                                                                                                                                                                                    | 129 kW - 175 HP to 2.050 rpm                                                                        |                   | 120 kW - 162 HP to 2.200 rpm         |              |
|                        | Maximum torque                                                                                                                                                                                                                                 | 690 to 1.500 rpm                                                                                    |                   | 657 to 1.500                         |              |
|                        | Displacement                                                                                                                                                                                                                                   | 4.765                                                                                               |                   | 4.399                                |              |
|                        | Cylinders                                                                                                                                                                                                                                      | 4                                                                                                   |                   | 4                                    |              |
|                        | Fuel                                                                                                                                                                                                                                           | Diesel direct injection turbocharged                                                                |                   | Diesel direct injection turbocharged |              |
|                        | Cooling system                                                                                                                                                                                                                                 | Water — intercooler                                                                                 |                   | Water — intercooler                  |              |
| TRANSMISSION           | Type                                                                                                                                                                                                                                           | Hydrostatic                                                                                         |                   |                                      |              |
|                        | Model                                                                                                                                                                                                                                          | 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 automatic 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                                                                                                                                                                                                                              | 40 km/h                                                                                             |                   |                                      |              |
|                        | Drawbar pull                                                                                                                                                                                                                                   | 80 kN                                                                                               |                   |                                      |              |
|                        | Gradeability                                                                                                                                                                                                                                   | 40%                                                                                                 |                   |                                      |              |
|                        | Turning radius (end of forks)                                                                                                                                                                                                                  | 6.570 mm                                                                                            |                   |                                      |              |
| WEIGHTS                | Total unladen                                                                                                                                                                                                                                  | 21.830 kg                                                                                           |                   |                                      |              |
|                        | Front axle unladen (boom retracted and lowered)                                                                                                                                                                                                | 10.830 kg                                                                                           |                   |                                      |              |
|                        | Rear axle unladen (boom retracted and lowered)                                                                                                                                                                                                 | 11.000 kg                                                                                           |                   |                                      |              |
| TANKS                  |                                                                                                                                                                                                                                                | Mercedes stage IV                                                                                   | Mercedes stage 3A | JCB stage IV i                       | JCB stage 3A |
|                        | Fuel tank                                                                                                                                                                                                                                      | 180 l                                                                                               | 180 l             | 200 l                                | 200 l        |
|                        | AdBlue                                                                                                                                                                                                                                         | 40 l                                                                                                | n.a.              | n.a.                                 | n.a.         |
|                        | Hydraulic oil tank                                                                                                                                                                                                                             | 220 l                                                                                               | 220 l             | 210 l                                | 210 l        |
|                        | Engine oil tank                                                                                                                                                                                                                                | 20,5 l                                                                                              | 20,5 l            | 14 l                                 | 14 l         |
|                        | Cooling liquid                                                                                                                                                                                                                                 | 36 l                                                                                                | 36 l              | 24 l                                 | 24 l         |
| HYDRAULIC CIRCUIT      | Max. operating system pressure                                                                                                                                                                                                                 | 350 bar                                                                                             |                   |                                      |              |
|                        | Circuit type                                                                                                                                                                                                                                   | Load sensing                                                                                        |                   |                                      |              |
|                        | Service pump                                                                                                                                                                                                                                   | Bosch Rexroth — Variable displacement                                                               |                   |                                      |              |
|                        | Controls for boom and turret movements                                                                                                                                                                                                         | Danfoss — Electroproportional 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 |                   |                                      |              |
| CONFORMTY TO STANDARDS | EN 13849: concerning the safety of all controls of the machine<br>EN 13000: concerning the standard of hydraulic cranes<br>EN 280: concerning the standard of aerial platforms<br>FOPS/ROPS<br>97/68/CE: concerning engine emissions standards |                                                                                                     |                   |                                      |              |

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

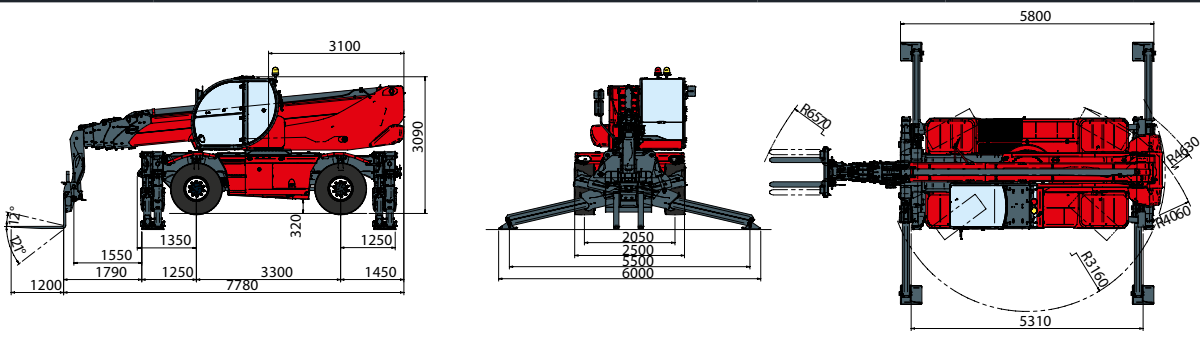


Maximum lifting height: 29,90 m  
Maximum reach: 25,85 m  
Electronically controlled hydrostatic transmission  
Automatic levelling device  
Scissors stabilizers

tracce.com

REV06

RTH5.30S

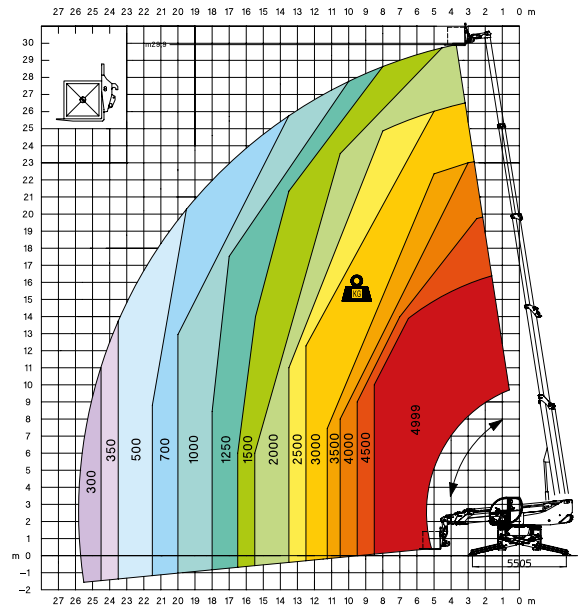


Magni Telescopic Handlers srl

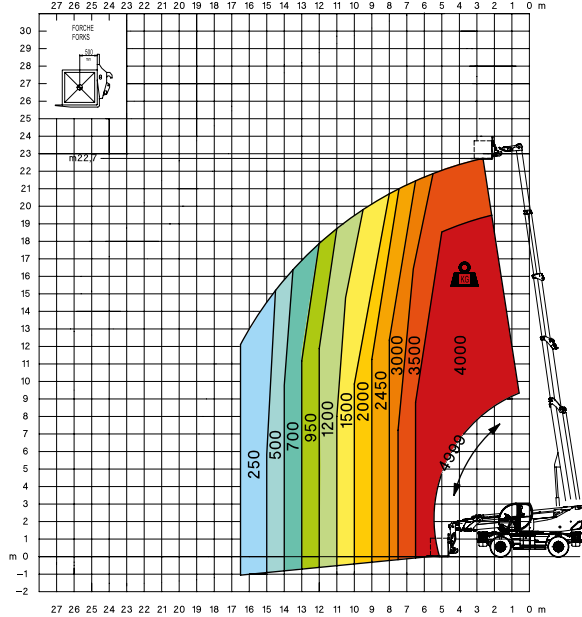
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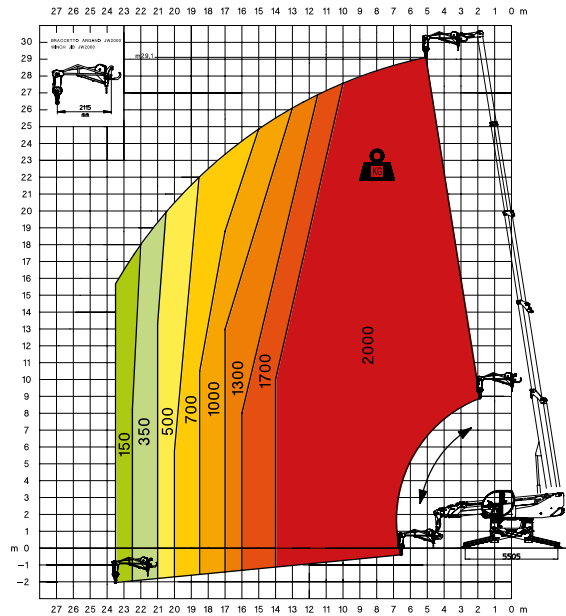
360° fully extended stabilizers load chart with forks



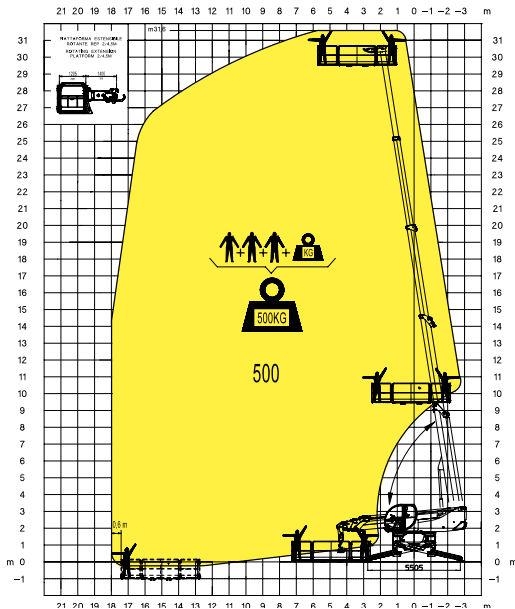
Frontal position load chart on tyres with forks



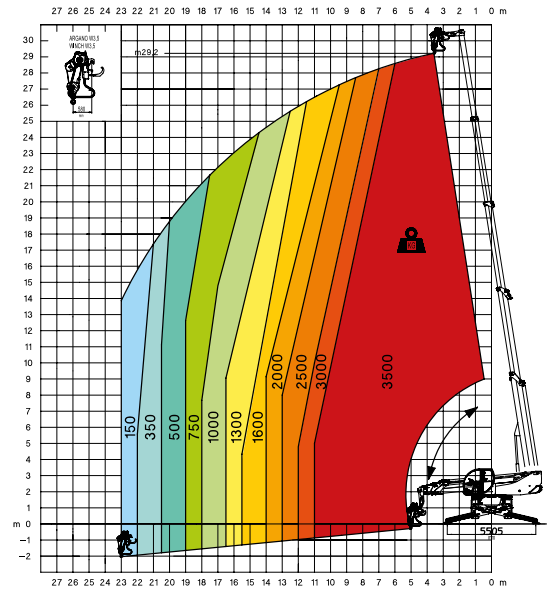
**JW 2000**  
Jib winch 2.000 kg



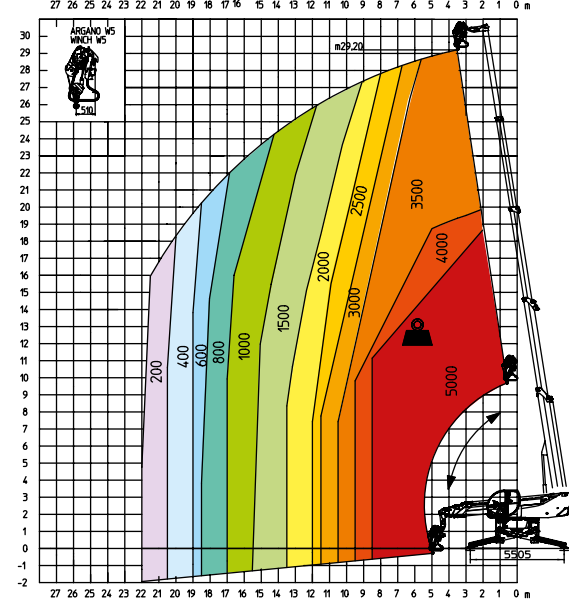
**REP 2-4,5**  
Rotating extendable men platform 500 kg



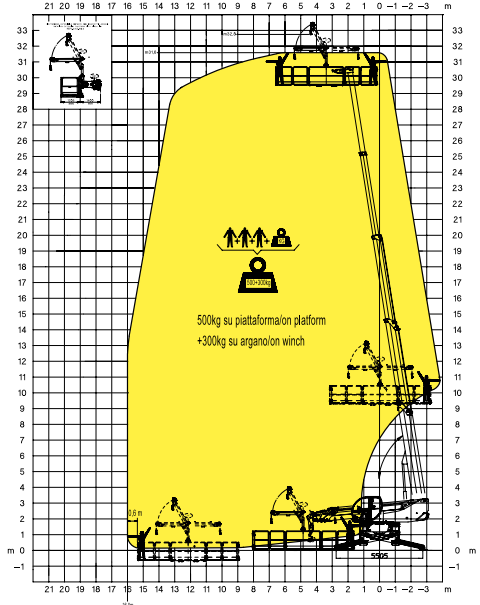
**W 3,5**  
Winch 3,5 ton



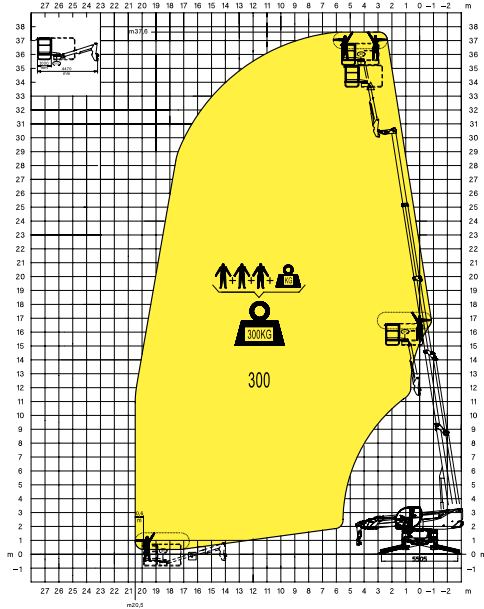
**W 5**  
Winch 5 ton



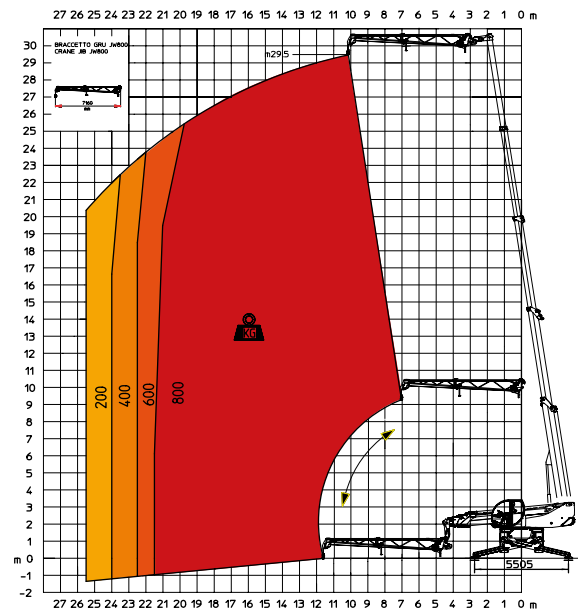
**REP 2-6,5 W0,3**  
Platform 6,5m 500 kg with winch 300 kg



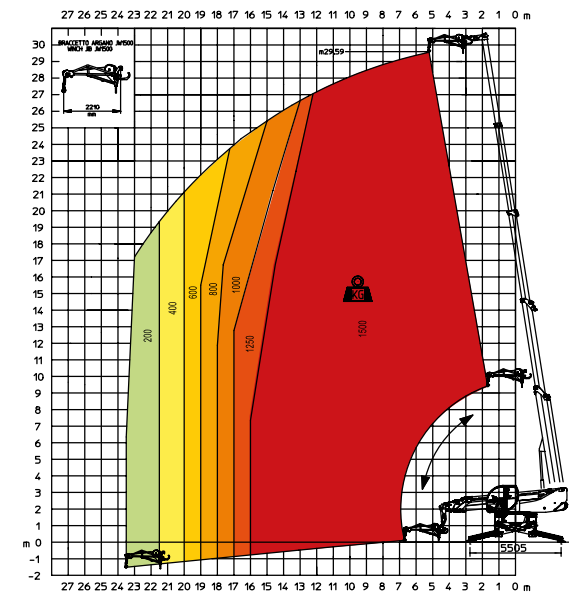
**TP**  
Telescopic Platform TP



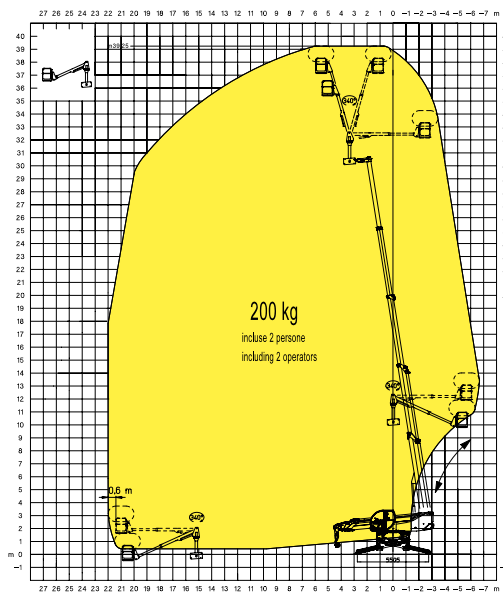
**JW 800**  
Jib winch 800 kg



**JW 1500**  
Jib winch 1.500 kg



**TP O-U**  
Telescopic pivoting men platform over-under with 340° rotation



**TP O-U**  
Telescopic pivoting men platform over-under with 340° rotation

