

# autovictor

 *Keep on moving to the future.*

## TELESCOPIC HANDLERS

MAGNI RTH 5.23



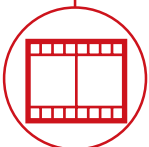
# RTH 5.23



CONSTRUCTION



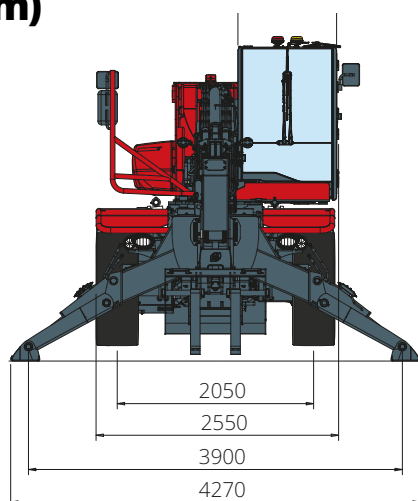
LOGISTICS



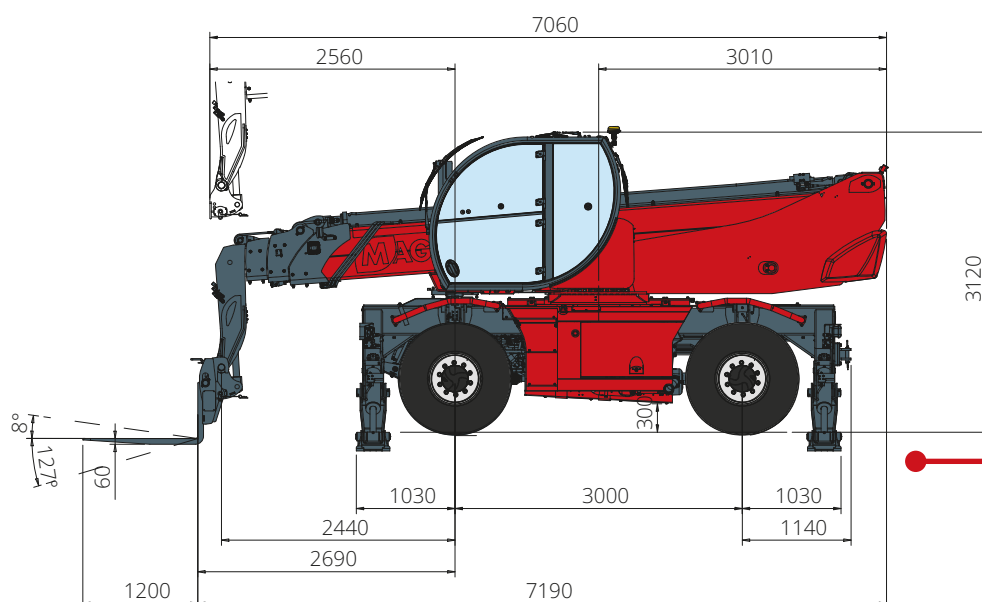
EVENTS AND  
FILM



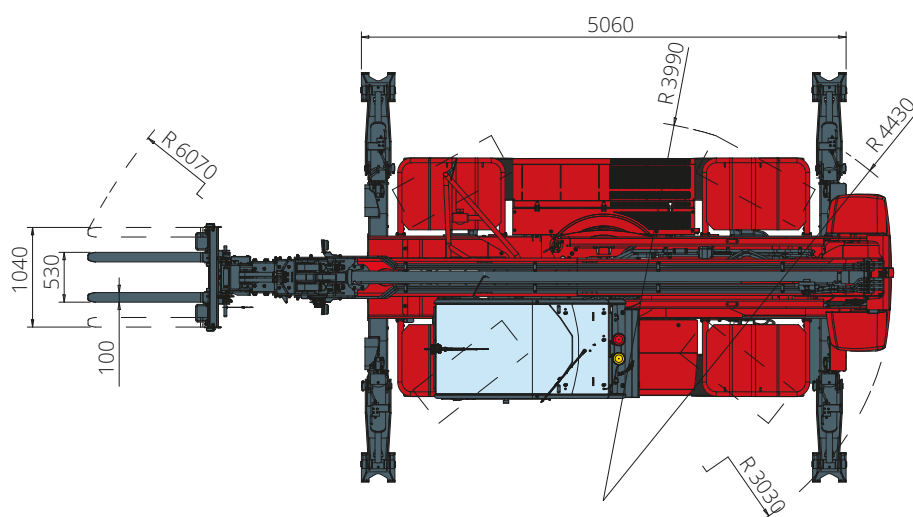
**DIMENSIONS (mm)**



**FRONT**  
view



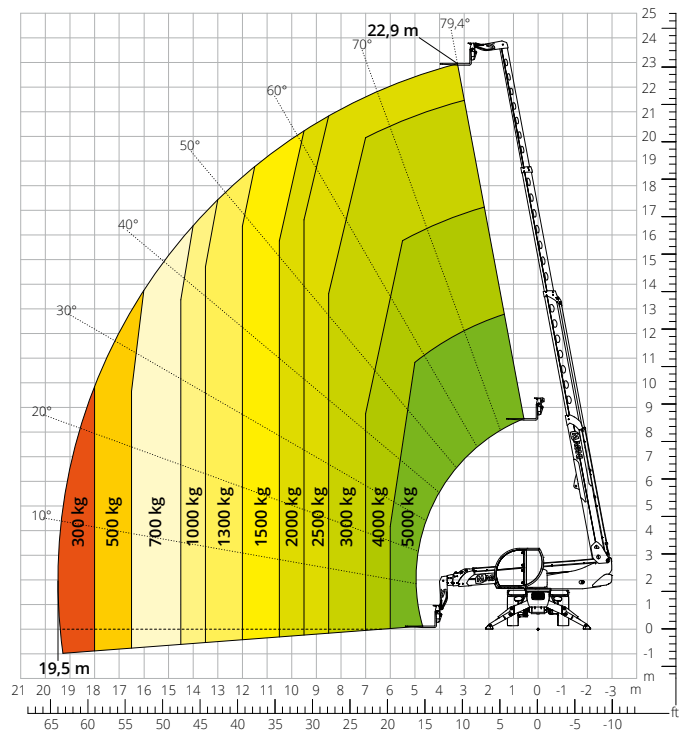
**SIDE**  
view



**TOP**  
view

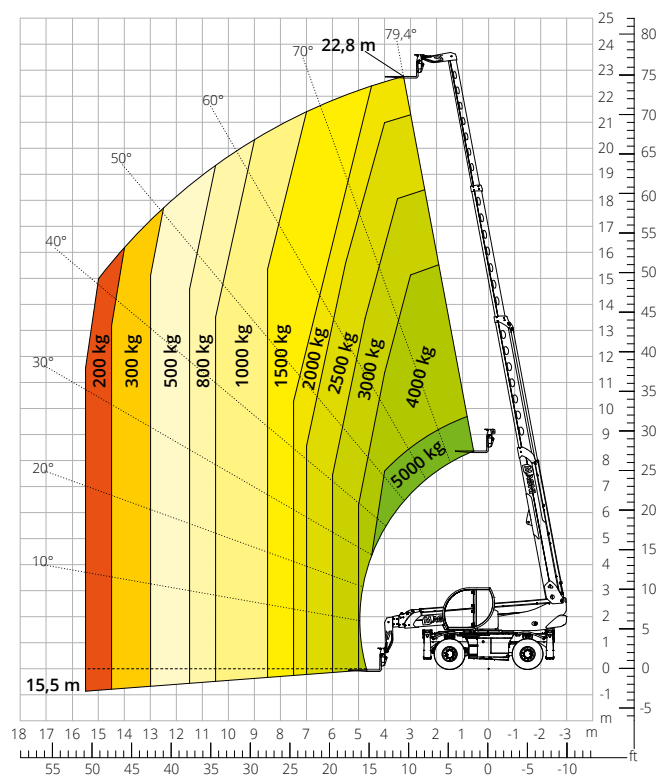
# Load chart with FULLY EXTENDED STABILISERS (360°)

ATT - 03 - 001



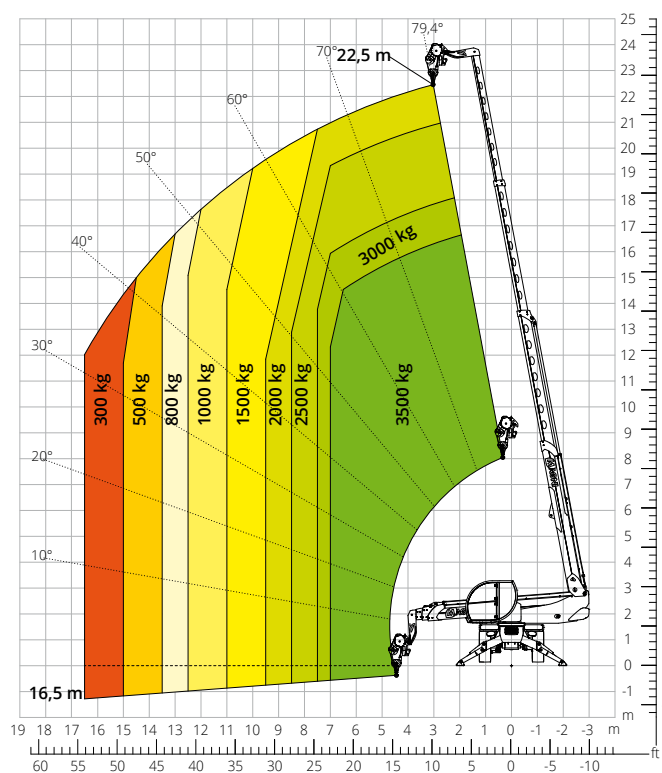
# Load chart FRONT ATTACHMENT ON TYRES

ATT - 03 - 001



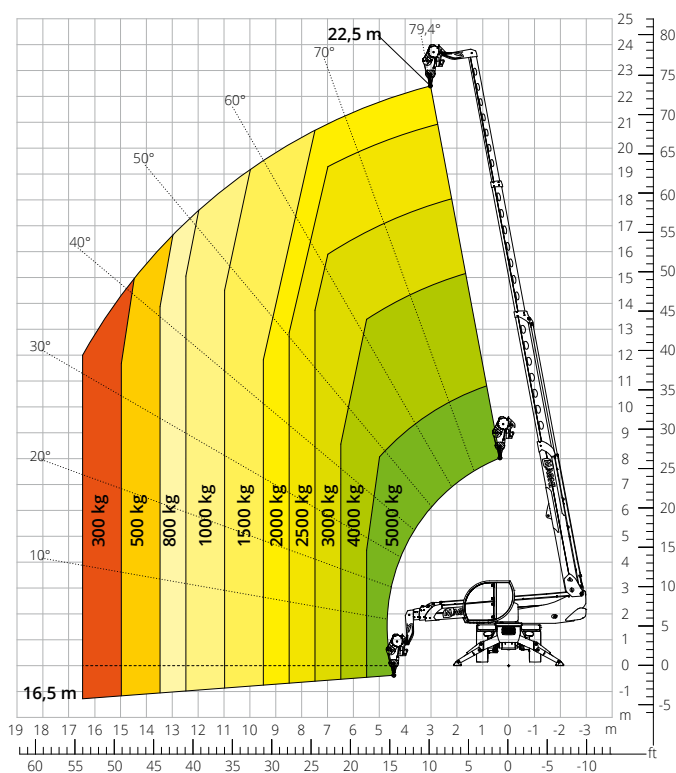
# Load chart with WINCH 3,500 kg

ATT - 02 - 002

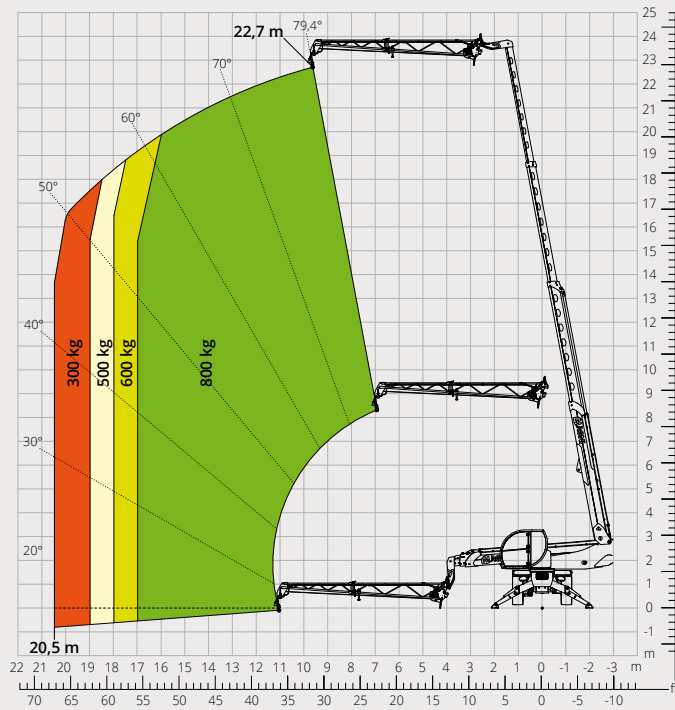


# Load chart with WINCH 5,000 kg

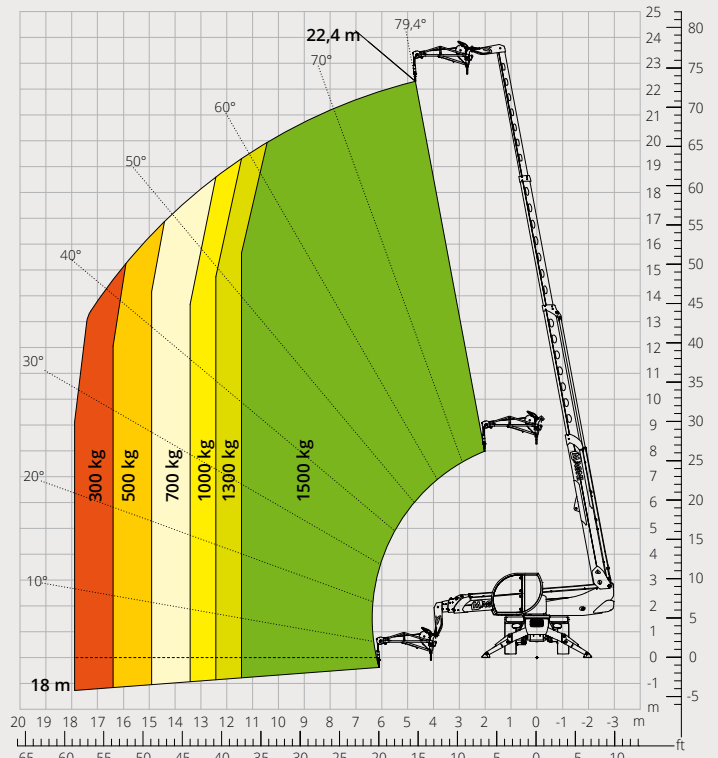
ATT - 02 - 019



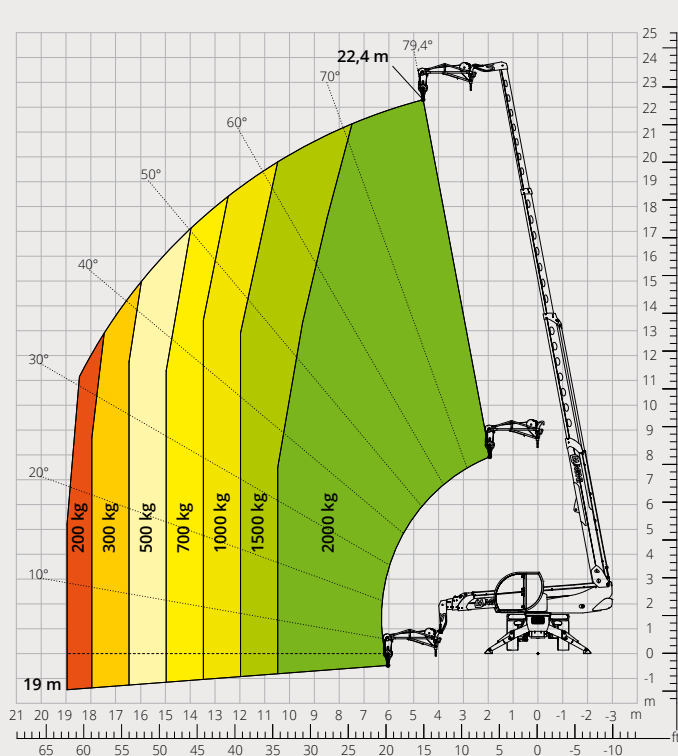
Load chart with  
**JIB WITH WINCH 800 kg**  
ATT - 04 - 005



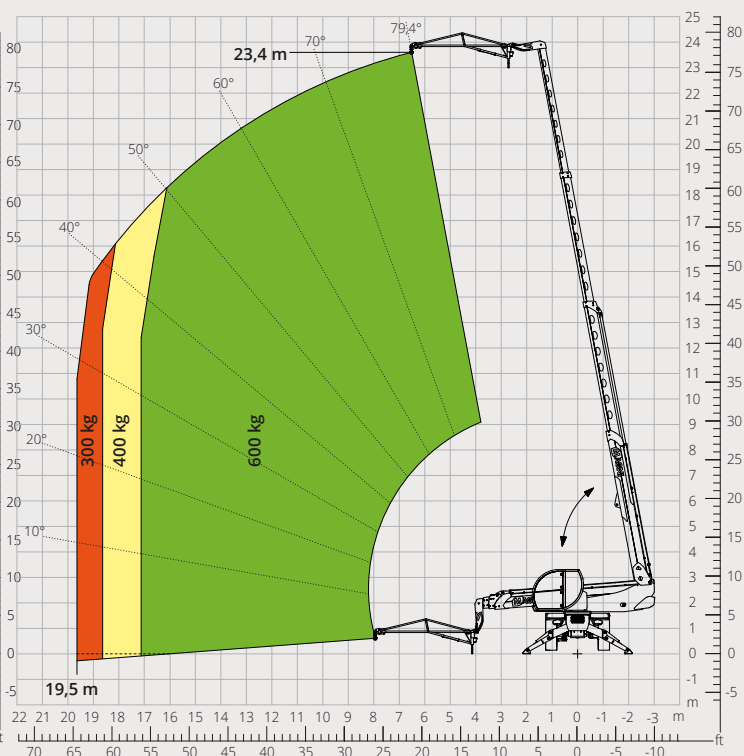
Load chart with  
**JIB WITH WINCH 1,500 kg**  
ATT - 04 - 011



Load chart with  
**JIB WITH WINCH 2,000 kg**  
ATT - 04 - 015

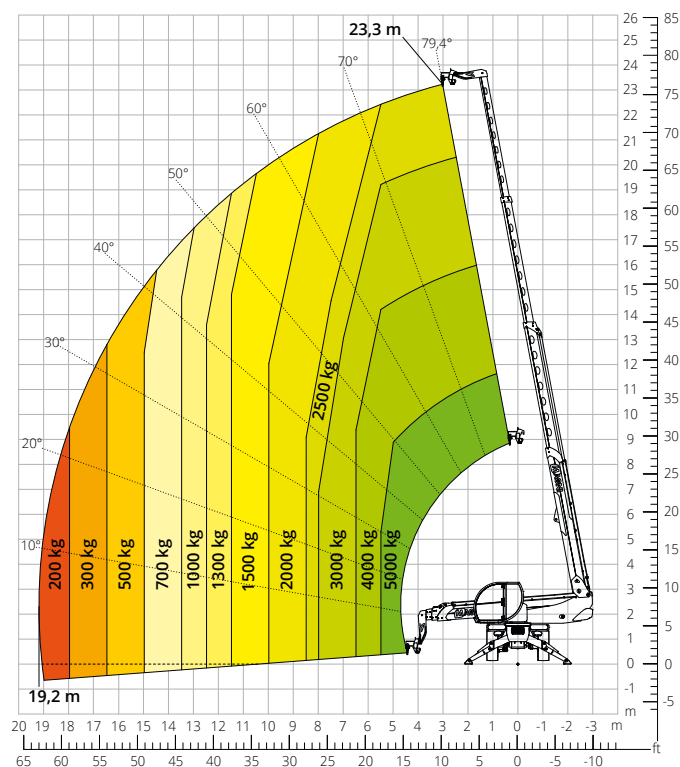


Load chart with  
**JIB, 600 kg**  
ATT - 04 - 001



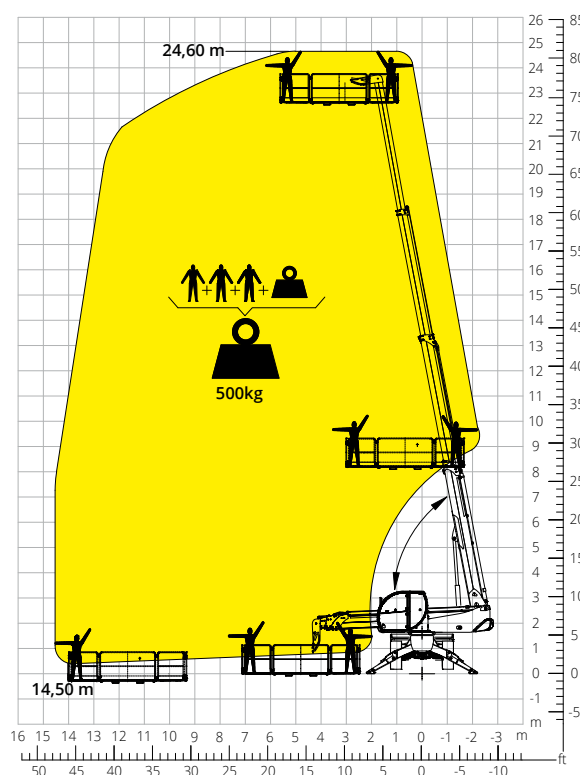
Load chart with  
**HOOK 5,000 kg**

ATT - 05 - 014



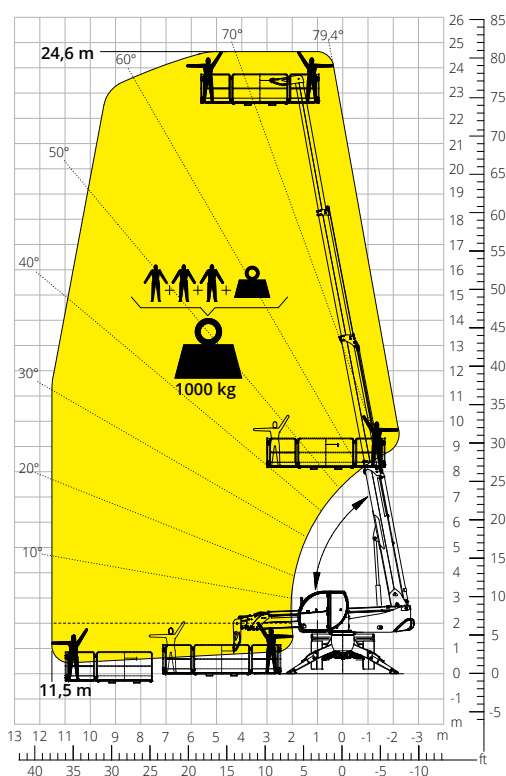
Load chart with  
**ROTATING EXTENDABLE PLATFORM**  
**500 kg**

ATT - 01 - 007



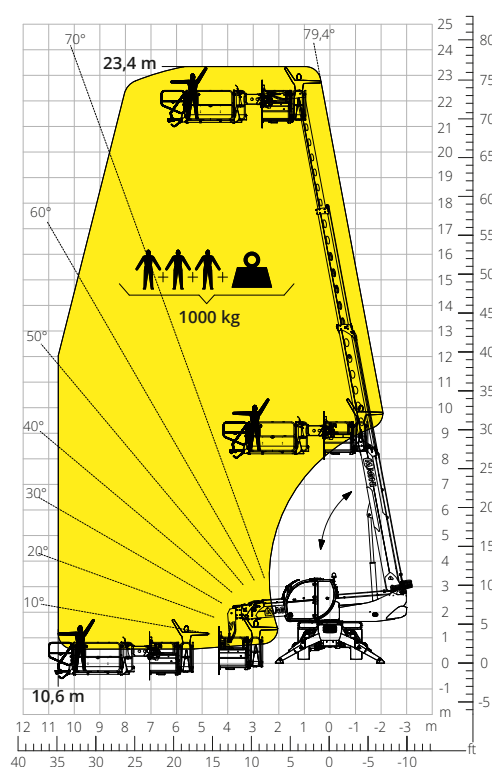
Load chart with  
**ROTATING EXTENDABLE PLATFORM**  
**1,000 kg**

ATT - 01 - 016



Load chart with  
**EXTENDABLE PLATFORM FOR ROOFS,**  
**1,000 kg**

ATT - 01 - 020



|                                 |                                                                                         |                                                |                          |
|---------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|
| Machine model                   | Rotating telescopic handler                                                             | RTH 5.23                                       |                          |
|                                 | Maximum lifting capacity                                                                | 5,000 kg                                       |                          |
|                                 | Maximum lifting height                                                                  | 22.90 m                                        |                          |
|                                 | Maximum reach                                                                           | 19.50 m                                        |                          |
|                                 | Rotation                                                                                | 360° (continuous)                              |                          |
| Stabilisers                     | Type                                                                                    | Pivoting                                       |                          |
| Engine                          | Model                                                                                   | Deutz TCD 3,6 L4 EDG Stage IIIA                | Deutz TCD 3,6 L4 Stage V |
|                                 | Rated power                                                                             | 100 kW (136 hp) at 2,200 rpm                   |                          |
|                                 | Maximum torque                                                                          | 500 Nm at 1,600 rpm                            | 500 Nm at 1,600 rpm      |
|                                 | Displacement                                                                            | 3,6 l                                          |                          |
|                                 | Cylinders                                                                               | 4 in line                                      |                          |
|                                 | Engine type                                                                             | Turbocharged direct injection diesel           |                          |
|                                 | Cooling system                                                                          | Water – intercooler                            |                          |
| Transmission                    | Type                                                                                    | Hydrostatic                                    |                          |
|                                 | Maximum pressure                                                                        | 480 bar                                        |                          |
|                                 | Gearbox                                                                                 | Dropbox, 2 speeds forward-reverse              |                          |
| Axles and brakes                | Type                                                                                    | Axles with planetary gearboxes                 |                          |
|                                 | Front axle                                                                              | Oscillating and steering with levelling, +/-8° |                          |
|                                 | Rear axle                                                                               | Oscillating and steering with hydraulic lock   |                          |
|                                 | No. of driving/steering wheels                                                          | 4WD - 4WS                                      |                          |
|                                 | Steering mode                                                                           | Frontal/Concentric/Crab                        |                          |
|                                 | Service brake                                                                           | Wet multi-disk on front and rear axle          |                          |
|                                 | Parking brake                                                                           | Hydraulic with negative action on front axle   |                          |
|                                 | Tyre sizes                                                                              | 445/65 R22.5                                   |                          |
| Performance                     | Max. travel speed                                                                       | 40 km/h                                        |                          |
|                                 | Gradeability (unladen)                                                                  | 43%                                            |                          |
|                                 | Turning radius (at forks)                                                               | 6,070 mm                                       |                          |
| Weights                         | Total unladen*                                                                          | 16,400 kg                                      |                          |
| Tank and system capacities      | Diesel fuel                                                                             | 175 l                                          | 175 l                    |
|                                 | AdBlue                                                                                  | -                                              | 10 l                     |
|                                 | Hydraulic fluid                                                                         | 107 l                                          | 107 l                    |
|                                 | Engine oil                                                                              | 9 l                                            | 9 l                      |
|                                 | Coolant                                                                                 | 20 l                                           | 20 l                     |
| Hydraulic circuit for movements | Circuit type                                                                            | Load sensing                                   |                          |
|                                 | Service pump                                                                            | Variable displacement                          |                          |
|                                 | Max. hydraulic flow rate                                                                | 105 l/min                                      |                          |
|                                 | Max. boom head flow rate                                                                | 75 l/min                                       |                          |
|                                 | Max. working pressure                                                                   | 350 bar                                        |                          |
|                                 | Distributor for boom and turret movements                                               | SIL 2 electro-proportional valve               |                          |
|                                 | Movements control                                                                       | Dual joystick with integrated manoeuvre enable |                          |
| Standards met                   | 2006/42/EC: EU Machinery Directive                                                      |                                                |                          |
|                                 | 2016/1628: EU Regulation on the emissions of stage V engines                            |                                                |                          |
|                                 | EN 1459-X: Relating to standards on the safety requirements for variable reach machines |                                                |                          |
|                                 | EN 280-1/EN 280-2: standards relating to mobile elevating work platforms (if available) |                                                |                          |
|                                 | ROPS/level 2 FOPS: relating to the standards for protective structures                  |                                                |                          |

The data given in this brochure are provided for information purposes and are subject to change without prior notice.

All images are purely guideline and might not give an exact representation of the product.

\*the stated weight refers to the vehicle unladen with standard equipment and may vary depending on the chosen configuration.

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 *Keep on moving to the future.*

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