

MAGNIT.H.

A new world record for Magni: the highest telehandler on the market, RTH 6.51

The RTH 6.51 is the highest rotating telescopic handler in the world. It achieves a lifting height of 51 m, with a maximum load capacity of 6 tonnes. It is the perfect solution for all construction or industrial sites requiring best-in-class reach and lifting capacities.

The boom is composed by seven sections then six extensions.

Magni T.H. has adopted dedicated solutions to be

able to maximize the section of the hydraulic pipes in order to reduce the pressure drops due to the extreme length necessary to reach the heights that they have set. The sections of the arm were made using high resistance materials up to the Domex 1100 or Hardox 400. This solution too, in order to achieve the objectives of resistance and at the same time lightness that they set.

The inclination corrector and scissor stabilisers with large support feet offer excellent stability under all circumstances, guaranteeing perfect ground holding on all terrain in order to ensure maximum operator safety.

The dual-extension scissor stabilisers are ideal even with limited space available; even when it is only partially stabilised, the machine is programmed to provide the best possible load chart on each

side. When the stabilisers are fully extended, on the other hand, they guarantee maximum machine performance over 360° as they are able to work over a very wide stabilisation base.

Mechanical and hydraulic solution allows us to obtain an extremely modular rotation of the machine and optimal control over it in all positions, even in the most demanding and extreme working conditions, always maintaining the required safety standards.

The axles used allow us to duplicate the load compared to the previous model of axles used in RTH 6.46. Same thing for the

tires, which, specially made on our specifications by a leading market supplier, with a modern and technologically advanced compound allow us to guarantee excellent durability and very high performance even on rubber.

Magni T.H. has made the section of the distributor used for



the management of the stabilizers proportional so as to guarantee a millimeter leveling even in the most demanding conditions. Thanks also to the RFID system which provides automatic recognition and creation of the dynamic load charts; this telescopic handler is able to meet a wide range of applications in construction and industry.

