



TH RANGE

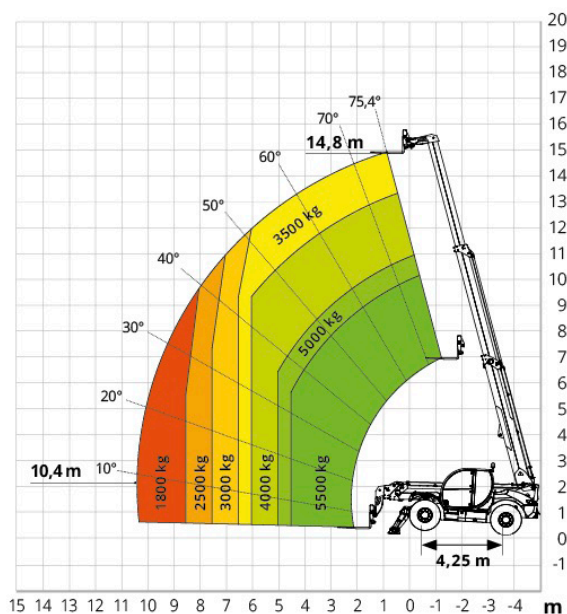
TECHNICAL DATA **TH 5,5.15 P/ TH 5,5.15**

Machine model	TH 5,5.15 P			TH 5,5.15			
	Telescopic handler						
	Maximum lifting capacity	5.500 kg (center of gravity 600 mm)			5.500 kg (center of gravity 600 mm)		
	Maximum lifting height	14.80 m			14.80 m		
Engine	Type	Deutz TCD 3,6 L4 Stage V	Deutz TCD 3,6 L4 Stage IV	Deutz TCD 3,6 L4 EDG Stage IIIA	Deutz TCD 3,6 L4 Stage V	Deutz TCD 3,6 L4 Stage IV	Deutz TCD 3,6 L4 EDG Stage IIIA
	Rated power	74,4 kW (101,2 hp) @ 2,200 rpm			55,4 kW (75,3 hp)@ 2,200 rpm		
	Maximum torque	410 Nm @ 1,600 rpm			405 Nm @ 1,300 rpm	390 Nm @ 1,300 rpm	390 Nm @ 1,300 rpm
	Displacement	3,6 l			3,6 l		
	Cylinders	4 in line			4 in line		
	Engine configuration	Diesel direct injection turbocharged			Diesel direct injection turbocharged		
	Cooling system	Water – intercooler			Water – intercooler		
Transmission	Type	Hydrostatic			Hydrostatic		
	Model	Bosch Rexroth			Bosch Rexroth		
	Maximum pressure	470 bar			470 bar		
	Displacements	Electronically controlled variable displacement pump Variable displacement motor			Electronically controlled variable displacement pump Variable displacement motor		
	Gear box	Dropbox, 2 speeds forward-reverse			Dropbox, 2 speeds forward-reverse		
	Type	Axles with planetary gearboxes			Axles with planetary gearboxes		
	Rear axle	Oscillating and steering with hydraulic locking			Oscillating and steering with hydraulic locking		
Axles and brakes	Front axle	Oscillating and steering with levelling +/- 8°			Oscillating and steering with levelling +/- 8°		
	Service brake	Hydraulically operated wet multi-disk brakes on each axle			Hydraulically operated wet multi-disk brakes on each axle		
	Parking brake	Hydraulic with negative action			Hydraulic with negative action		
	Tyres dimensions	445/65 R22,5			445/65 R22,5		
Performance	Max. travel speed	35 km/h			25km/h		
	Drawbar pull	72 kN			72 kN		
	Gradeability	54%			54%		
	Turning radius (end of forks)	5,610 mm			5,610 mm		
Weights	Total unladen	13,500 kg			13,500 kg		
	Front axle unladen (boom retracted and lowered)	5,600 kg			5,600 kg		
	Rear axle unladen (boom retracted and lowered)	7,900 kg			7,900 kg		
Tank and system capacities	Fuel tank	145 l			145 l		
	AdBlue	10 l ★			10 l ★		
	Hydraulic oil tank	90 l			90 l		
	Engine oil tank	9 l			9 l		
	Cooling liquid	20 l			20 l		
Hydraulic circuit for movements	Max. operating system pressure	350 bar			350 bar		
	Circuit type	Load sensing			Load sensing		
	Service pump	Bondioli & Pavesi - Variable displacement			Bondioli & Pavesi - Variable displacement		
	Controls for boom movements	Danfoss – SIL 2 Electro-proportional valve			Danfoss – SIL 2 Electro-proportional valve		
	Controls for stabilizers	Bosch Rexroth – Electro-hydraulic actuators			Bosch Rexroth – Electro-hydraulic actuators		
	Movements control	1 joystick Danfoss with FNR switch and dead man safety device - Management with CAN bus technology			1 joystick Danfoss with FNR switch and dead man safety device - Management with CAN bus technology		
Standard met	EN 1459-1: concerning standards for variable-reach trucks						
	EN 13000: concerning standards for mobile cranes						
	Only for model TH 5,5.15 P: EN 280: concerning standards for mobile elevating work platforms						
	FOPS Level 2 / ROPS						
	UE 2016/1628: concerning engine emissions standards						

*necessary only for models with Stage IV and Stage V engine



Load chart on stabilizers



Load chart on tyres

