

TH 6.10 P 6.10

PRELIMINARY

- **Lowered design** for greater stability
- Available with **Deutz Stage V and IIIA** engines
- Available in two engine sizes, 55 kW and 75 kW, to suit your needs
- **350 bar L/S** hydraulic system
- **4WD**



MAIN SECTORS



INDUSTRY



CONSTRUCTION

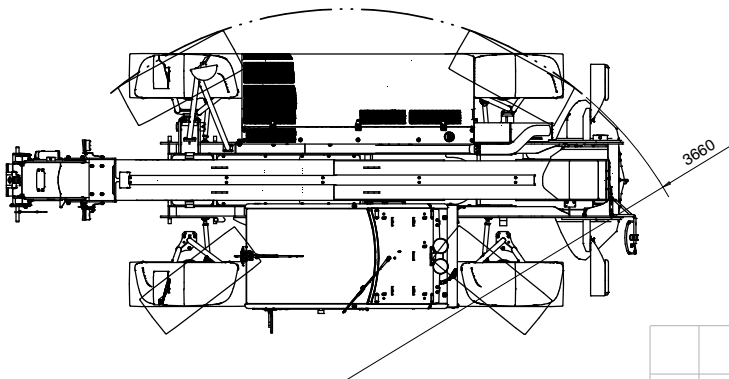
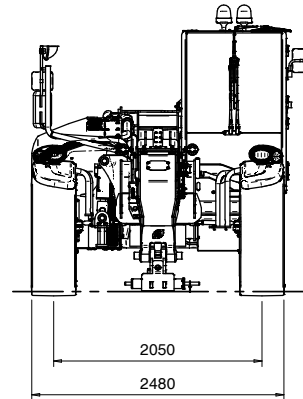
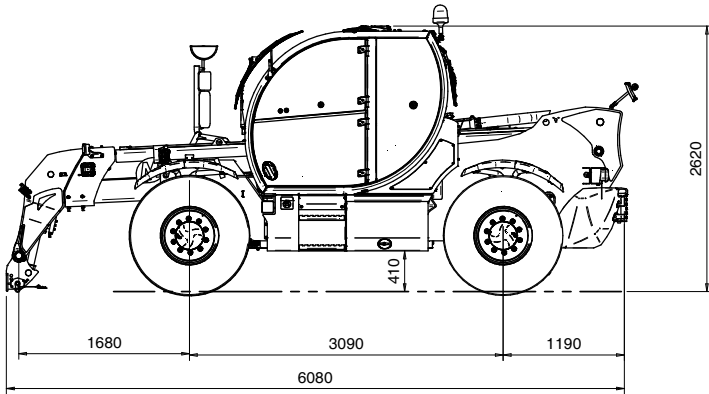
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PRELIMINARY

Machine model	TH 6.10 P		TH 6.10		
	Telescopic handler				
Maximum lifting capacity	6,000 kg (center of gravity 600 mm)		6,000 kg (center of gravity 600 mm)		
Maximum lifting height	9.70 m		9.70 m		
Engine	Type	Deutz TCD 3,6 L4 Stage V	Deutz TCD 3,6 L4 EDG Stage IIIA	Deutz TCD 3,6 L4 Stage V	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 a 1,600 rpm		405 Nm a 1,300 rpm	390 Nm a 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	500 bar		500 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	
Axles and brakes	Type	Axles with planetary gearboxes		Axles with planetary gearboxes	
	Rear axle	Oscillating and steering with hydraulic locking		Oscillating and steering with hydraulic locking	
	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	Spring applied hydraulic release Multi-disk brake (S.A.H.R.)		Spring applied hydraulic release Multi-disk brake (S.A.H.R.)	
	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	59 %		59 %	
	Turning radius (end of forks)	5,290 mm		5,290 mm	
Weights	Total unladen	12,000 kg (preliminary)		12,000 kg (preliminary)	
	Front axle unladen (boom retracted and lowered)	4,250 kg (preliminary)		4,250 kg (preliminary)	
	Rear axle unladen (boom retracted and lowered)	7,750 kg (preliminary)		7,750 kg (preliminary)	
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	Danfoss / Rexroth – Variable displacement		Danfoss / Rexroth – Variable displacement	
	Controls for boom movements	Bondioli & Pavesi		Bondioli & Pavesi	
	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				
	EN 280: concerning standards for mobile elevating work platforms (<i>The TH 6.10 is the only model requiring the pre-arrangement</i>)				
	FOPS Level 2 / ROPS				
UE 2016/1628: concerning engine emissions standards					

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PRELIMINARY



Load chart **on tyres**
with locked axles

