



Maximum lift capacity: 16 t at 600 mm load center

Maximum lifting height: 9,70 m

Maximum reach: 5,10 m

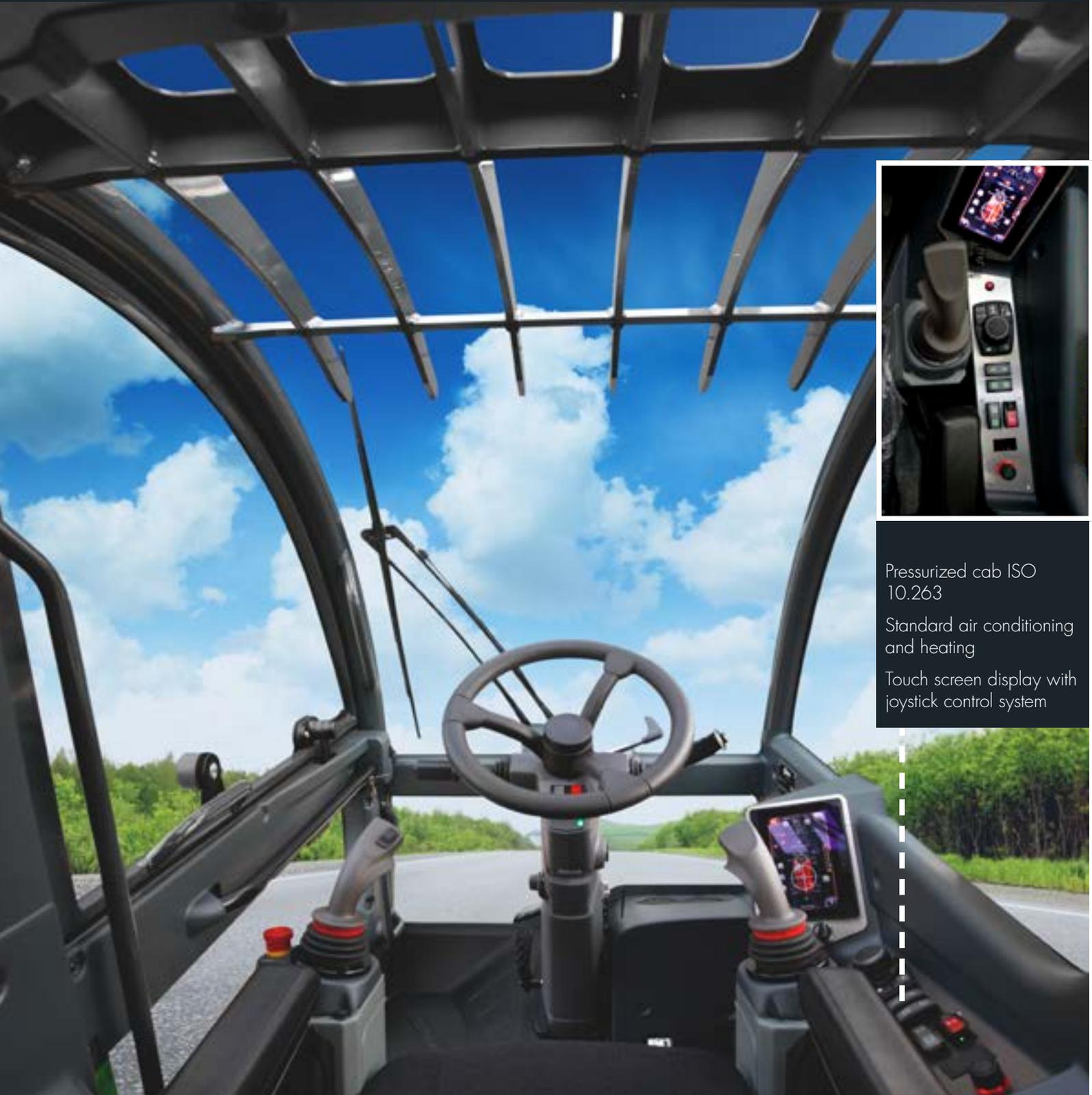
Mercedes engine: 115 KW - 156 HP

Electronically controlled hydrostatic transmission



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Full visibility cab MAGNI patented design



Pressurized cab ISO 10.263

Standard air conditioning and heating

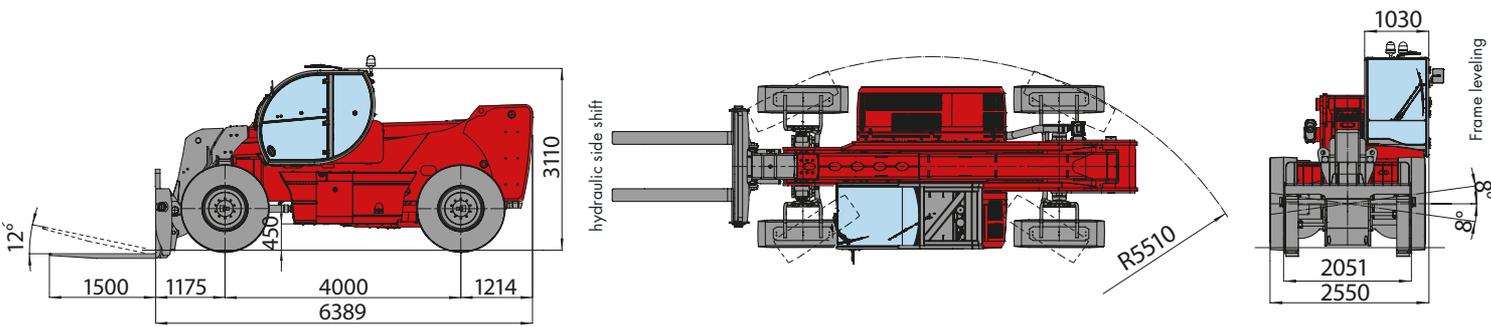
Touch screen display with joystick control system



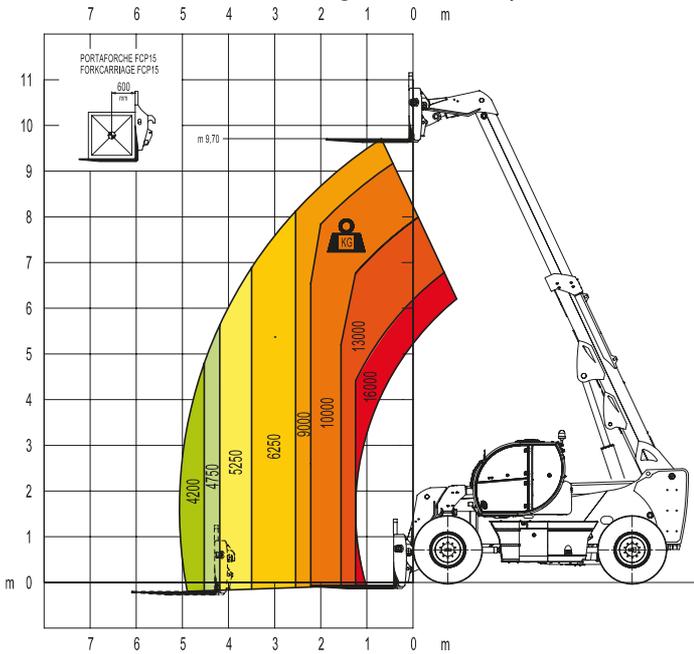
From the left:

- Travelling mode screen
- Load Moment Indicator screen
- Air conditioning management screen

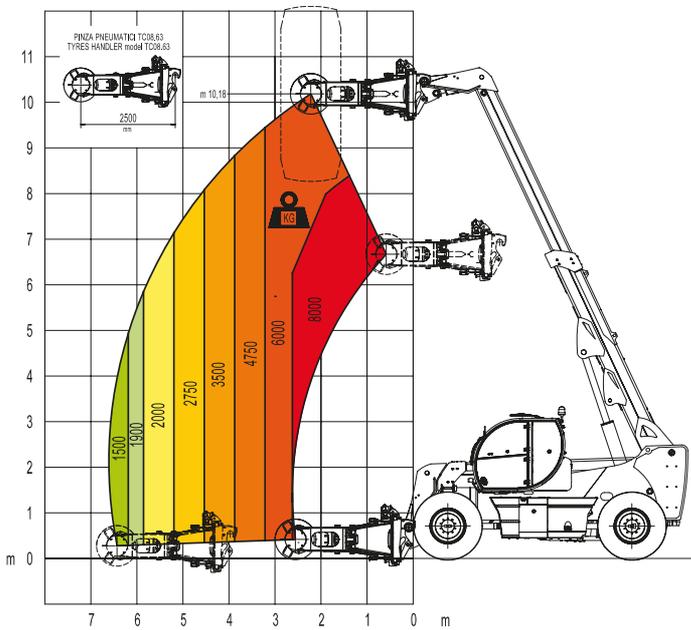
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Load chart forkl carriage with forks positioner



Load chart with wheels clamp



Clamp for wheels handling, with a capacity up to 16.000 kg from 24 to 63 inches .

- MAGNI patented quick fit of the attachment
- Attachments automatic recognition RFID system



LIFT CAPACITY	16.000 Kg at 600 mm load center	
MAXIMUM LIFTING HEIGHT	9,70 m	
MAXIMUM REACH	5,10 m	
FORKS	Fork carriage with forks positioner device 1.950 mm width	
	Forks 200 x 80 x 1.500 mm	
CAB	FOPS-ROPS tested hermetic cab with protectors	
	Front, rear and upper wiper	
	Headlights for road circulation, flashing beacon	
	Rear view mirrors	
	Heating - Air conditioning	
CONTROLS	Multi-function electro proportional joystick	
BRAKE SYSTEM	Hydraulic servo-assisted multidisc brake in oil bath on both axles, with double circuit	
	Negative parking brake	
ENGINE	Mercedes OM 924 LA Euro 4 Interim	Mercedes OM 904 LA Euro 3A
	Turbo intercooler	Turbo intercooler
	4 cylinders / 4.800 cm ³	4 cylinders / 4.250 cm ³
	Power 156 HP – 115 KW	Power 150 HP – 110 KW
	Max rpm = 2.200	Max rpm = 2.200
	Max torque 610 Nm at 1.200 - 1.600 rpm	Max torque 580 Nm at 1.200 - 1.600 rpm
	Electronic injection (single pump each injector)	Electronic injection (single pump each injector)
	Water + intercooler	Water + intercooler
AXLES	Heavy Duty with 4-stage epicyclic reduction	
	One steering cylinder each axle	
	Levelling correction front axle at + 8° on the right and + 8° on the left	
	3 types of steering: - with front steering - with round steer - with crab steering	
	Tilting rear axle	
PERFORMANCE	Max. travel speed: 25 km/h	
	Drawbar pull: 114 kn	
	Gradeability: 35%	
	Turning radius (end of forks): 5.510 mm	
WEIGHTS	Total unladen: 20.200 kg	
	Front axle unladen (boom retracted and lowered): 8.700 kg	
	Rear axle unladen (boom retracted and lowered): 11.500 kg	
TRANSMISSION	Rexroth hydrostatics	
	Variable displacement hydrostatic pump 110 cc with electronic control	
	One variable displacement hydrostatic motor 150 cc	
	Hydraulic gearbox with 2 speeds forward / reverse	
	Differential hydraulic locking	
HYDRAULIC CIRCUIT	Load sensing piston pump 60 cc 132 l/min	
	Circuit at 350 bar	
	Rexroth Proportional hydraulic distributor	
	Suction and return line filters	
	High pressure flexible hoses	
TANKS CAPACITIES	Engine oil = 16 l	Engine oil = 16 l
	cooling liquid = 25 l	cooling liquid = 25 l
	Ad Blue = 40 l	
	Hydraulic oil tank = 210 l	Hydraulic oil tank = 210 l
	Fuel tank = 200 l	Fuel tank = 200 l
TYRES DIMENSIONS	16.00 - R25 ** two each axle, driving and steering Goodyear EV-3+	
SAFETY	Electronic safety system which controls the load with definition of the lifted load, radius and comparison with the diagrams stored.	
	Block of aggravating movements of the load.	
	Safety valves on cylinders	

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