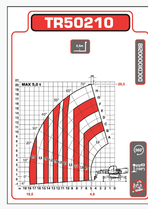
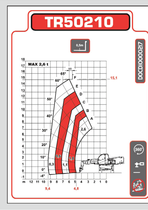
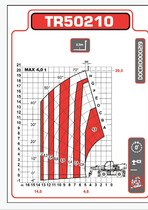
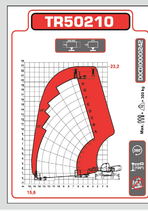
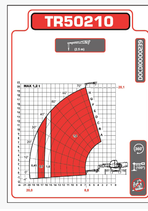
Specifications & Options

TR50210EVO

Performance

Lifting height — on stabilisers	20,500 mm
Lifting height — on tyres	20,300 mm
Rated capacity	5,000 kg
Capacity (at max. height on stabilisers)	2,500 kg
Capacity (at max. height on tyres)	1,400 kg
Capacity (at max. reach on stabilisers)	600 kg
Capacity (at max. reach on tyres)	200 kg
Max. reach on stabilisers	18,000 mm
Max. reach on tyres	14,000 mm

Load Charts

On stabilisers, with forks, 90°	
On tires, with forks, 90°	
On tires, with forks, non rotated	
On stabilisers, with rotated manplatform, 90°	
On stabilisers, with extended winch, 90°	

Weights

Weight (unladen)	17,540 kg

Traction

Standard tyres	18 x 22.5 in, Heavy duty
1st gear / low range	10 km/h
2nd gear / high range	40 km/h
Gradeability	21.8 °

Drive System

Main drive	2-speed gear box
Transmission	Hydrostatic with variable load sensing pump

Engine

Make / Model	FPT NEF Series
Fuel	Diesel
Cooling	Liquid
Rated power (ISO 14396:2002) at 2200 RPM	105 kW
Maximum torque at 1400 RPM	590 Nm
Number of cylinders	4
Displacement	4.5 L

Hydraulic System

Pump type	Double gear pump

Cycle Times

Telescope in time at max. reach - no load	17.2 s
Telescope out time at max. reach - no load	31.2 s

Brakes

Engine braking	Hydrostatic
Parking and emergency brake	Negative brake with electro-hydraulic command on rear axle

Fluid Capacities

Engine oil	14.4 L
Fuel tank	180 L
Hydraulic reservoir	270 L

Environmental

Operator noise level (LpA) (EN 12053)	77 dB(A)
Level of acoustic power (LWA)	107 dB(A)
Whole body vibration (EN 13059)	1.2 ms^2
Whole body vibration uncertainty (EN 13059)	0.1 ms^2
Hand-arm vibration (ISO 5349-1)	1.1 ms^2

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.