



Bobcat®

**ROTARY TELESCOPIC HANDLERS
TR50210 EVO**



One Tough Animal™

TR50210 EVO — SPECIFICATIONS

Performance

Lifting height — on stabilisers	20500.0 mm
Lifting height — on tyres	20300.0 mm
Rated capacity	5000 kg
Capacity (at max. height on stabilisers)	2500 kg
Capacity (at max. height on tyres)	1400 kg
Capacity (at max. reach on stabilisers)	600 kg
Capacity (at max. reach on tyres)	200 kg
Max. reach on stabilisers	18000.0 mm
Max. reach on tyres	14000.0 mm

Weights

Weight (unladen)	17540 kg
------------------	----------

Traction

Standard tyres	18 x 22.5 in, Heavy duty
Low speed (forward/reverse)	10.0 km/h
High speed (forward/reverse)	40.0 km/h
Gradeability	22°

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	105.0 kW
Maximum torque at 1400 RPM	590.0 Nm
Number of cylinders	4
Displacement	4.50 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

Axles and reduction gears front / rear	8.75/9.0 L
Engine oil	14.40 L
Fuel tank	180.00 L
Hydraulic reservoir	270.00 L

Standard Features

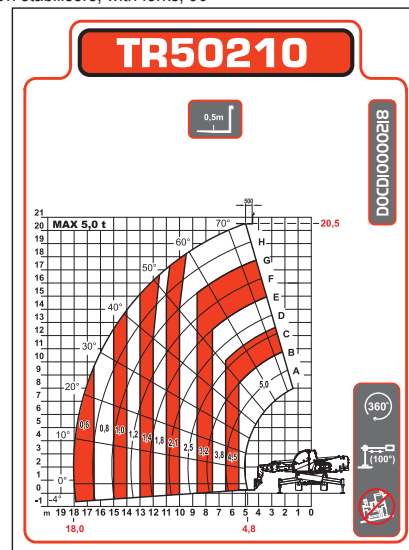
Air conditioning	Man platform ready
Auto levelling system	Oscillating Axle lock
Automatic wheel alignment including indicator light	Pallet fork transversal block
Back-up alarm	Pneumatic seat
Carriage with manual attachment lock	Radio with CD player
Controls with double sensi-touch joysticks	Road lights
Electric contact on boom head	ROPS/FOPS operator cab
Front and rear washer/wipers	Second auxiliary hydraulic line with electrical line
Heating, demisting and ventilation	Sun visor
Hydrostatic transmission	Two way hydraulic supply at the end of the boom
LED Light on boom head	Work light on top of cabin
Limited slip differential for rear axle	

Environmental

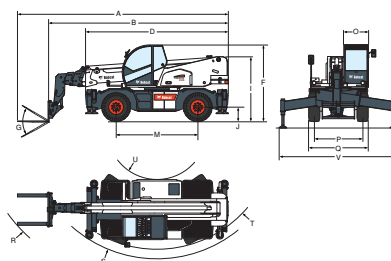
Operator noise level (LpA) (EN 12053)	77 dB(A)
Level of acoustic power (LWA)	107 dB(A)
Whole body vibration (EN 13059)	1.20 ms ⁻²
Whole body vibration uncertainty (EN 13059)	0.12 ms ⁻²
Hand-arm vibration (ISO 5349-1)	1.10 ms ⁻²

Load Charts

On stabilisers, with forks, 90°



Dimensions



(A)	8350.0 mm	(O)	980.0 mm
(B)	7150.0 mm	(P)	1920.0 mm
(D)	5290.0 mm	(Q)	2380.0 mm
(F)	3025.0 mm	(R)	6789.0 mm
(G)	115°	(S)	4790.0 mm
(I)	2556.0 mm	(T)	4430.0 mm
(J)	360.0 mm	(U)	1700.0 mm
(M)	2950.0 mm	(V)	5070.0 mm

Options

180° turret rotation whilst driving kit	Digital camera on boom head with 7" monitor
Anti-theft immobiliser	Electronic accelerator adjustment on remote control
Auto-cleaning air prefilter	Integrated rear view system with 3.5" monitor
Carriage with hydraulic attachment lock	MB Carriage with hydraulic attachment lock
Catalytic purifier muffler	Remote control
Centering handler and positive/negative jib pre-arrangement	Spare wheel
Cold start	TÜV homologation
Cold weather kit	Webasto heater (Cold weather kit is compulsory)
Custom colour	Windscreen grill



Bobcat®

www.bobcat.eu