Bobcat.

TR80-390 V R2-Series

Telescopics

Specifications

Performance		Load Chart
Rated capacity	8,000 kg @ 600 mm Load Center	
Max. lifting height (stabilisers fully extended) Capacity at max. height (stabilisers fully extended) Turret Rotation	39 m 2300 kg 360° (Continous)	FULLY EXTENDED STABILISERS (360
Max. speed	40.0 km/h	000 100 100 100 100 100 100 100 100 100
Stabilisers		30 30
Type Stabilization system	Telescopic scissors Ground pressure detection. Automatic levelling. Lifting capacity adjusted in proportion to stabiliser extension	
Weights	0.4000 /	
Weight (unladen) Engine	24000 kg	
Make / Model	Volvo TAD 583 VE	
Compliancy	Stage V	
Rated power (ISO 14396) Maximum torque	175 kW (238 hp) @ 2,300 rpm	
Number of cylinders	975 Nm @ 1,380 rpm 4.0	1100 1110 1110 1110 1110 1110 1110 111
Displacement	5.13 L	27 m
Hydraulic System		
Pump type	Load Sensing pump	Dimensions - mm
Relief valve pressure setting Control valve (boom and turret)	350.00 bar Electro-proportional with flow sharing	<u>8480</u> 3180 3650
, ,	Electro-proportional with now sharing	3180 3000
Drive System Transmission	Hudrostatic with clostronic regulation (4 wheel drive	
Main drive	Hydrostatic with electronic regulation / 4 wheel drive Electronically controlled variable displacement pump. Variable displacement motor. 2-speed gear box	
Traction		1350 3300 1490
Standard tyres Towing force Gradeability	445/65 R22,5 152.00 kN 65.00 %	
Axles and brakes		R 4080
Axle type Rear axle Front axle Service brake	Oil-immersed axles with planetary gears Oscillating and steering with hydraulic locking Oscillating and steering with levelling +/-8° Hydraulically operated wet multi-disk brakes on each axle	
Parking brake	Hydraulic with negative action	Rasso Ras
Steering		
Steering modes	3 steering modes with semi-automatic wheel realignment. 2 wheel steering / 4 wheel steering / Crab-steer	
External turning radius (with forks)	4 m	
Fluid Capacities		
Fuel tank	270.00 L	SS SS
Adblue	40.00 L 220.00 L	2050
Hydraulic reservoir Engine oil	16.00 L	
Coolant	40.00 L	1 +(
Environmental		
Operator noise level (LpA) (En 12053)	72 dB(A)	
Level of acoustic power (LWA)	108 dB(A)	
Whole body vibration (ISO 2631-1): Hand-arm vibration (ISO 5349–1)	0.58 ms ⁻² 0.85 ms ⁻²	
	0.03 110 -	
Standards		
Standard compliance	EN 1459-2: slewing variable-reach trucks. EN 13000: hydraulic cranes. EN 280: mobile elevating work	

hydraulic cranes. EN 280: mobile elevating work platforms. FOPS/ROPS cabin. EU 2016/1628: engine emissions