

Load Charts

With forks and DUNLOP 405/70 x 20 SPT9 (option) tyres	Complies with stability test EN1459 Annex B
With forks and standard 405/70 x 20 tyres or DUNLOP 400/70 x 20 150B 168A2 (option) tyres	Complies with stability test EN1459 Annex B
With forks and DUNLOP 400/80 x 24 156B (option) tyres	Complies with stability test EN1459 Annex B

Performance

Lifting height (24" tyres)	6760.00MM
Reach at max height on tyres (20" tyres)	750.00MM
Rated capacity	3000.00KG
Max. reach (20" tyres)	4020.00MM
Drawbar pull (24" tyres)	4100.00
Capacity at max. reach (24" tyres)	1100.00KG
Max. reach (24" tyres)	3930.00MM
Drawbar pull (20" tyres)	4900.00
Capacity at max. reach (20" tyres)	1050.00KG
Capacity (at max. height on tyres)	2000.00KG
Lifting height (20" tyres)	6675.00MM
Max. gradeability (24" tyres)	33.00
Max. gradeability with rated load (20" tyres)	33.00
Max. gradeability with rated load (24" tyres)	27.00
Reach at max height on tyres (24" tyres)	660.00MM
Tilt Breakout force	4600.00
Max. gradeability (20" tyres)	33.00

Cycle Times

Boom retraction	4.20
Boom raising	5.30
Dumping	2.40
Boom extension	6.30
Crowding	2.50
Boom lowering	4.00

Hydraulic System

Auxiliary flow rear	20.00
Hydraulic tank	47.00L
Relief valve pressure setting	250.00BAR
Control valve type	Open center with flow sharing & flow compensators technology
Auxiliary flow front	90.00
Pump capacity	100.00
Pump type	Gear pump with LS valve
Hydraulic filter specs	Full flow filtration

Drive System

Main drive	Hydrostatic motor
Transmission	Hydrostatic with electronic regulation

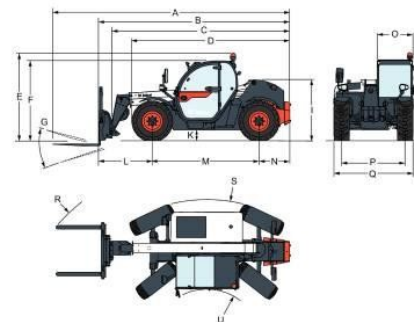
Traction

Optional tyres	MICHELIN 400/70R24 152A8/152B IND TL XMCL
ALLIANCE	
400/80-24 / 20PR TM R4	E 405/70-R24 152A8
405/70	
16PR TM R4	-20
MICHELIN 400/80-24 162A8 IND TL	
405/70-20	POWER CL
16PR TM R4	
DUNLOP 405/70R24	
152J MPT SPT9	168A2
MICHELIN 400/70R20 149A8	
DUNLOP 405/70R24 168A2	/149B IND TL BIBLOAD
ALLIANCE 400/70-R20 149A8	152J MPT SPT9
DUNLOP 405	/70R20 168A2 152J MPT SPT9

Brakes

Parking and emergency brake	Passive brake
Engine braking	Hydrostatic

Dimensions



(A) 6240.00 MM	(L) 1400.00 MM
(B) 5035.00 MM	(M) 2820.00 MM
(C) 4670.00 MM	(N) 818.00 MM
(D) 4185.00 MM	(O) 930.00 MM
(D*) 4273.00 MM	(P) 1666.00 MM
(E) 2440.00 MM	(Q) 2100.00 MM
(E*) 2524.00 MM	(S) 3717.00 MM
(F) 2290.00 MM	(S*) 3875.00 MM
(F*) 2375.00 MM	(U) 1329.00 MM
(I) 1587.00 MM	(U*) 1503.00 MM
(I*) 1671.00 MM	(R) 5035.00 MM
(K) 264.00 MM	(R*) 5135.00 MM
(K*) 348.00 MM	(G) 136.00

Parking brake	Passive brake
Steering	
Steering Mode	2 wheel steering / 4 wheel steering / Crab -steering
Steering pump	Priority valve on pump
Steering modes	Button and screen for selection
Fluid Capacities	
Fuel tank	115.00L
Gear Box	0.70L
Engine oil with filter	12.60L
Hydraulic system	88.00L
Cooling system with heater	14.50L
Adblue ® tank	22.40L
Axles front/rear	6,0/6,0
Fluid Specifications	
Transmission oil	ELF SF3 / TOTAL DYNATRANS FR
Coolant	Ethylen Glycol Mix 50:65
Brake fluid	None. Brakes use hydraulic system pressure
Hydraulic fluid	MS68
Grease for hinges and boom gliders	TOTAL MULTIS EP2
Engine oil	"ACEA E7/9 API CJ-4 or above Viscosity: -30 to 4 0 °C : SAE 0W30 -20 to 40°C : SAE 5W30 -15 to 40° C : SAE 10W30"
Controls	
Service brake Pedal-activated wet multi-disk	Oil immersed discs on front axle
Environmental	
Whole body vibration (EN 13059)	1.80
Operator noise level (LpA) (EN 12053)	76.00
Level of acoustic power (LWA)	106.00
Safety	
Rear window, standard	For emergency exit
Boom stop, standard	Use for servicing if boom is raised
Parking brake, standard	Always set brake when leaving the machine
Rated load capacity charts, standard	"Attached inside the cab. Provide rated load capacities for loads and attachments."
Fully enclosed operator cab. standard	"Enclosed operator cab. Meets SAE-J1040 and ISO 3471 for Roll Over Protective Structure (ROPS) an d SAE-J1043 and ISO 3449 for Falling Objects Protection Structure (FOPS)."
Emergency button, standard	Switches off the engine and blocks boom movements.
Front and rear work lights, standard	Use for indoor and low light operation
Seat belt, standard	Should always be worn when operating the machine
Grab handles, standard	"Should always be used when entering/exiting the telescopic"
Back-up alarm, standard	"For use in jobs with low visibility. Alarm sound s when operated in reverse."
Electrical	
Alternator	140.00
Starter	2.70KW
Battery	110.0
Engine	
Maximum torque at 1400 rpm	430.00
Air filter	Dry replaceable cartridge with safety element
Displacement	3.41L
Make / Model	Bobcat D34
Number of Cylinders	4.0
Bore	98.00MM
Rated speed	2400.00RPM
Rated power (ISO 14396)	74.00KW
Ignition	Diesel compression
Crankshaft ventilation	Close breathing
Stroke	113.00MM
Fuel	DIESEL
Cooling	COOLANT
Lubrication	Gear pump pressure
Weights	
Unladen operating Weight on rear axle (24" tyres)	3370.00KG

Unlade operating Weight on front axle (20" tyres)	2430.00KG
Unladen operating Weight (20" tyres)	5740.00KG
Max ground Pressure on tyres-hard soil	11.0
Unladen operating Weight on rear axle (20" tyres)	3310.00KG
Unlade operating Weight on front axle (24" tyres)	2490.00KG
Unladen operating Weight (24" tyres)	5860.00KG
Unladen weight (20" tyres)	5563.68KG
Unladen weight (24" tyres)	5684.00KG

Instruments

Standard Features

Standard Features_ ◦ Quicktach carriage with manual attachment lock ◦ Limited Slip Differential on front axle (30%) ◦ Boom cushion retract and lift ◦ Front tow hitch ◦ Halogen road lights (front & rear) ◦ ***** ◦ Mechanical cabin suspension ◦ Full tinted glass ◦ Automatic parking brake ◦ Halogen rotating beacon ◦ Front wiper with washer (high, low & intermittent speeds) ◦ Tilting steering column ◦ Heating, demisting and ventilation ◦ Aggravating Movements Arrester (AMA) compliant with EN15000 ◦ Speed management (Creep) to adjust max drive speed whatever engine RPM ◦ Standard proportional joystick (forward/reverse drive and turtle/rabbit speed) ◦ ECO mode for lower engine fuel consumption ◦ 3 steering modes (2WS /4WS/CRAB) with semi -automatic wheel realignment (manual mode still available) ◦ ***** ◦ Hydrostatic transmission with electronic regulation and dynamic drive mode ◦ 30 km/h max drive speed with 24" tyres (may vary according to applicable regulations) ◦ Standard tyres - set of 4 x 405/70-20" ◦ Electronic fuel injection with high pressure common rail - After treatment system with Diesel Particle Filter (DPF), Diesel Oxydation Catalyst (DOC) and Selective Catalytic Reduction (SCR) ◦ Electronic Battery Disconnection (EBD) ◦ Gear pump 100 l/min with Load Sensing valve & flow sharing distributor • Warranty/Legislation: ◦ NB: For Germany, mandatory options: - wheel wedge - German legislation ◦ NB: For Italy, one of the two homlogations is mandatory: - Italian operating machine legislatio n - Italian agricultural road homologation – MAS	• Frame and Telescopic boom: ◦ Auxiliary hydraulic line with additional drain line on boom head with Fast Connect System (FCS) ◦ Box-welded frame with shielded bottom plate to protect vital parts ◦ Spirit level in cabin ◦ Boom stop ◦ Right and left side mirrors • Cabin and main functions: ◦ Cabin with full-glass window door ◦ ROPS/FOPS (level II) operator cabin ◦ Halogen work lights on top of the cabin (2 front + 1 rear) and right rear corner of the machine (x1) ◦ Rear wiper with washer ◦ Roof window wiper with washer ◦ Mechanical suspension seat ◦ Back-up alarm ◦ Standard 5" display with navigation jog shuttle (anti-theft, on-fly settings, rear camera ready & diagnostic page) ◦ USB plug (mobile charging) ◦ Smart Handling System (SHS) to adjust boom movement speeds (lifting, telescoping, tilting) ◦ Auxiliary Flow Management (AFM) to adjust and engage a permanent hydraulic flow ◦ Machine IQ (Telematic) • Drive/Engine/Hydraulic: ◦ 2 hydrostatic speeds (turtle/rabbit) with auto -shift ◦ Inching function combined with brake pedal (for easy low speed approach without changing engine rpm) ◦ Turbo-charged engine - Bobcat D34 Stage V - 100hp / 430Nm ◦ Built-in air cyclonic prefilter with automatic dust evacuation ◦ High capacity battery 110 Ah/900 CCA able to start at -16 °C ◦ ***** ◦ 3 year warranty or 3000 hours (refer to the Bobcat standard warranty policy for terms and conditions) ◦ NB: For France, French agricultural road homologation - MAGA (Machines agricoles automotrices) is mandatory to obtain the Vehicule registration document ("carte grise")
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(Macchine agricole semoventi)

◦ IMPORTANT: Choice of machine's homologation is only made when ordering. Subsequently, It is no longer possible to change it (not retrofittable!)

• Serviceability

B54J 11001 — B54J 99999 • • ©2025 Bobcat EMEA - www.bobcat.com/eu

Specifications are subject to change without notice - Pictures of Bobcat units may show other than standard equipment