

Beladingstabellen

Met vorken en DUNLOP 405/70 x 20 SPT9 (optionele) banden	Complies with stability test EN1459 Annex B
Met vorken en standaard 405/70 x 20 banden of DUNLOP 400/70 x 20 150B 168A2 (optie) banden	Complies with stability test EN1459 Annex B
Met vorken en DUNLOP 400/80 x 24 156B (optionele) banden	Complies with stability test EN1459 Annex B

Prestaties

Hefhoogte (24-inch banden)	6760.00MM
Reach at max height on tyres (20" tyres)	750.00MM
Nominale werkcapiiteit	3000.00KG
Max. reikwijdte (20-inch banden)	4020.00MM
Lift Breakout force (ISO 8313)	3000
Max. reikwijdte (24-inch banden)	3930.00MM
Capacity at max. reach (24" tyres)	1100.00KG
Trekracht trekstang (24-inch banden)	4100.00
Trekracht trekstang (20-inch banden)	4900.00
Capacity at max. reach (20" tyres)	1050.00KG
Hefhoogte (20-inch banden)	6675.00MM
Werkcapiiteit (bij max. hoogte op banden)	2000.00KG
Reach at max height on tyres (24" tyres)	660.00MM
Uitbreekkracht kippen	4600.00

Draaitijd

Kippen	2.40
Boom retraction at max. height no load	4.2 secSEC
Boom raising no load	5.3 secSEC
Boom retraction at max. reach no load	4.2 secSEC
Boom extension at max. height no load	6.3 secSEC
Bak intrekken	2.50
Boom lowering no load	4 secSEC
Boom extension at max. reach no load	6.3 secSEC

Hydraulisch systeem

Hydraulisch reservoir	47.00L
Flow hulphydrauliek voor	90.00
Pompvermogen	100.00
Relief valve pressure	250 barBAR
Flow hulphydrauliek achter	20.00
Regelklep	Open center with flow sharing & flow compensators technology
Hydrauliekfilter	Full flow filtration
Pomptype	Gear pump with LS valve

Aandrijving

Hoofdaandrijving	Hydrostatic motor
Transmissie	Hydrostatic with electronic regulation

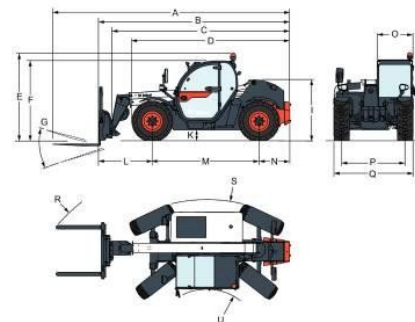
Tractie

Optionele banden	ALLIANCE 405/70-R24 152A8
MICHELIN 400/70R24 152A8	/152B IND TL XMCL
400/80-24 / 20PR TM R4	0
405/70-2	
16PR TM R4	
DUNLOP 405/70R24 168A2	MPT SPT9
152J	BIBLOAD
MICHELIN 400/70R20 149A8/149B IND TL	
DUNLOP 405/70R24 168A2	MICHELIN 400/80-24 162A8 IND TL POWER CL
152J MPT SPT9	0
405/70-2	
16PR TM R4	
ALLIANCE 400/70-R20 149A8	
DUNLOP	405/70R20 168A2 152J MPT SPT9

Remmen

Parkeer- en noodrem	Passive brake
Op de motor remmen	Hydrostatic
Service brake	Oil immersed discs

Afmetingen



External turning radius with 20" tyres (with forks spaced 1040 mm ext.)

(A) 6240.00 MM	(N) 818.00 MM
(B) 5035.00 MM	(O) 930.00 MM
(C) 4670.00 MM	(P) 1666.00 MM
(E*) 2524.00 MM	(Q) 2100.00 MM
(F*) 2369 mm MM	(S*) 3875.00 MM
(I*) 1671.00 MM	(U*) 1503.00 MM
(K*) 348.00 MM	(R*) 5135.00 MM
(L) 1400.00 MM	(G) 136.00
(M) 2820.00 MM	

Besturing	
Besturingsmodus	2 wheel steering / 4 wheel steering / Crab steering
Stuurpomp	Priority valve on pump
Stuurinstellingen	Button and screen for selection

Inhoud vloeistoffen

Hydraulic reservoir	47 IL
Autonomie vergrote tank op 75% last - primair	115.00L
Versnellingsbak	0.70L
Hydraulisch systeem met reservoir	88 IL
Koelsysteem met verwarming	14.50L
Motorolie met filter	12.60L
AdBlue®-reservoir	22.40L
Axles front	6 IL
Axles rear	6 IL

Vloeistofspecificaties

Koelvloeistof	Ethylen Glycol Mix 50:65
Hydraulische vloeistof	MS68
Transmissieolie	ELF SF3 / TOTAL DYNATRANS FR
Remvloeistof	None. Brakes use hydraulic system pressure
Smeervet voor scharnieren en glijders van de giek	TOTAL MULTIS EP2
Motorolie	"ACEA E7/9 API CJ-4 or above Viscosity: -30 to 40 °C : SAE 0W30 -20 to 40°C : SAE 5W30 -15 to 40°C : SAE 10W30"

Bedieningselementen

Eco-modus	Eco mode switch
Voorste hulphydrauliek	Variable thumbwheel on joystick
Boom extension /retraction	Variable thumbwheel on joystick
Boom raising / lowering	Joystick electronic
Secundaire rem	Passive brake
Bedrijfsrem	Pedal-activated wet multi-disk on front axle
Speed range and Forward/reverse drive	Switch for hydrostatic motor and switch on joystick or lever for FNR
SHS-modus	SHS mode switch
Aflaten druk hulphydrauliek	Bobcat Coupler
Motor	Electronic engine speed governor
Besturing	Proportional hydraulic steering via a conventional steering wheel
Starten	Key-type starter switch and shutdown.

Milieuvriendelijk karakter

Whole body vibration (EN 13059) 24" tyres	1.2 m/s2MPERS2
Whole body vibration (EN 13059) 20" tyres	1.8 m/s2MPERS2
Geluidsniveau bestuurder (LpA) (EN 12053)	76.00
Geluidsvermogeniveau (LWA)	106.00

Veiligheid

Achterruit, standaard	For emergency exit
Giekstop, standaard	Use for servicing if boom is raised
Volledig voorziene bestuurderscabine standaard	"Enclosed operator cab. Meets SAE-J1040 and ISO 3471 for Roll Over Protective Structure (ROPS) and SAE-J1043 and ISO 3449 for Falling Objects Protection Structure (FOPS)."
Achteruitrijalarm, standaard	"For use in jobs with low visibility. Alarm sounds when operated in reverse."
Parkeerrem, standaard	Always set brake when leaving the machine
Tabellen nominale draagcapaciteit, standaard	"Attached inside the cab. Provide rated load capacities for loads and attachments."
Noodalarm, standaard	Switches off the engine and blocks boom movements.
Werklichten voor- en achteraan, standaard	Use for indoor and low light operation
Veiligheidsgordel, standaard	Should always be worn when operating the machine
Handgrepen, standaard	"Should always be used when entering/exiting the telescopic"

Elektrische uitrusting

Accu	110.0
Alternator	140.00
Startmotor	2.7 kW (3.6 HP)KW

Motor

Cilinderinhoud	3409 cubic cmCC
Maximum power at rated speed (ISO 14396)	74 kwKW
Merk / Model	Bobcat D34
Rated power speed	2400

Ontsteking	Diesel compression
Beluchting van krukas	Close breathing
Luchtfilter	Dry replaceable cartridge with safety element
Boring	98.00MM
Aantal cilinders	4.0
Slag	113.00MM
Brandstof	Diesel
Koeling	Coolant
Rated torque speed	1400
Smering	Gear pump pressure
Maximum torque at rated speed	430 nmNEWTON-M

Gewichten

Unladen shipping weight (20" tyres)	5564 kgKG
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
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 shipping weight (24" tyres)	5684 kgKG

Instruments

Standard Features

Standard Features_	• Serviceability
• Frame and Telescopic boom:	◦ Quicktach carriage with manual attachment lock
◦ Auxiliary hydraulic line with additional drain line on boom head with Fast Connect System (FCS)	◦ Limited Slip Differential on front axle (30%)
◦ Box-welded frame with shielded bottom plate to protect vital parts	◦ Boom cushion retract and lift
◦ Spirit level in cabin	◦ Front tow hitch
◦ Boom stop	◦ Halogen road lights (front & rear)
◦ Right and left side mirrors	◦ *****

• Cabin and main functions:	◦ Mechanical cabin suspension
◦ Cabin with full-glass window door	◦ Full tinted glass
◦ ROPS/FOPS (level II) operator cabin	◦ Automatic parking brake
◦ Halogen work lights on top of the cabin (2 front + 1 rear) and right rear corner of the machine (x1)	
◦ Rear wiper with washer	◦ Halogen rotating beacon
	◦ Front wiper with washer (high, low & intermittent speeds)
◦ Roof window wiper with washer	◦ Tilting steering column
◦ Mechanical suspension seat	◦ Heating, demisting and ventilation
◦ Back-up alarm	◦ Aggravating Movements Arrestor (AMA) compliant with EN15000
◦ Standard 5" display with navigation jog shuttle (anti-theft, on-fly settings, rear camera ready & diagnostic page)	◦ Speed management (Creep) to adjust max drive speed whatever engine RPM
	◦ Standard proportional joystick (forward/reverse drive and turtle/rabbit speed)
◦ USB plug (mobile charging)	
	◦ ECO mode for lower engine fuel consumption
◦ Smart Handling System (SHS) to adjust boom movement speeds (lifting, telescoping, tilting)	
◦ Auxiliary Flow Management (AFM) to adjust and engage a permanent hydraulic flow	◦ 3 steering modes (2WS /4WS/CRAB) with semi-automatic wheel realignment (manual mode still available)
	◦ *****
◦ Machine IQ (Telematic)	*****
• Drive/Engine/Hydraulic:	◦ Hydrostatic transmission with electronic regulation and dynamic drive mode
◦ 2 hydrostatic speeds (turtle/rabbit) with auto-shift	◦ 30 km/h max drive speed with 24" tyres (may vary according to applicable regulations)
◦ Inching function combined with brake pedal (for easy low speed approach without changing engine rpm)	
◦ Turbo-charged engine - Bobcat D34 Stage V - 100hp / 430Nm	◦ Standard tyres - set of 4 x 405/70-20"
◦ Built-in air cyclonic prefilter with automatic dust evacuation	◦ 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)
◦ High capacity battery 110 Ah/900 CCA able to start at -16 °C	◦ Electronic Battery Disconnection (EBD)
	◦ Gear pump 100 l/min with Load Sensing valve &

flow sharing distributor

◦ *****

◦ 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")

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

• Warranty/Legislation:

◦ NB: For Germany, mandatory options: - wheel wedge - German legislation

◦ NB: For Italy, one of the two homologations is mandatory: - Italian operating machine legislation - Italian agricultural road homologation – MAS (Macchine agricole semoventi)

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