

Beladingstabellen

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

Prestaties

Max. reikwijdte (20-inch banden)	3454 mmMM
Max. reikwijdte (24-inch banden)	3369 mmMM
Reach at max height on tyres (24" tyres)	813 mmMM
Reach at max height on tyres (20" tyres)	898 mmMM
Werkcapaciteit (bij max. hoogte op banden)	3400 kgKG
Nominale werkcapaciteit	3400 kgKG
Trekkkracht trekstang (24-inch banden)	7000.00
Hefhoogte (20-inch banden)	6330 mmMM
Lift Breakout force (ISO 8313)	3800 kgKG
Uitbreekkkracht kippen	6200.00
Capacity at max. reach (24" tyres)	1300 kgKG
Hefhoogte (24-inch banden)	6415 mmMM
Trekkkracht trekstang (20-inch banden)	8000
Capacity at max. reach (20" tyres)	1300 kgKG

Draaitijd

Boom extension at max. height no load	4.8 secSEC
Bak intrekken	2.30
Boom raising no load	4.9 secSEC
Boom raising full load	8.5 secSEC
Kippen	2.50
Boom lowering no load	4.3 secSEC
Boom lowering full load	6 secSEC
Boom extension at max. reach no load	4.8 secSEC
Boom retraction at max. height no load	4.7 secSEC
Boom retraction at max. reach no load	4.9 secSEC

Hydraulisch systeem

Debiet hulphydrauliek	150
Regelklep	Flow sharing valve and electro proportional control
Hydrauliekfilter	Full flow filtration
Pompvermogen	190.00
Drukinstelling ontlastingsklep	255.00BAR
Pomptype	LS-zuigerpomp met elektrische verplaatsingsbeperking

Aandrijving

Transmissie	Hydrostatisch met elektronische regeling
Hoofdaandrijving	Hydrostatische motor en tweeversnelligentandkast

Tractie

Optionele banden	MICHELIN 460/70R24 159A8/159B XMCL IND TL
BIBLOAD 460/70R24 159A8/159B MICHELIN	MICHELIN
500/70R24 164A8/164B IND TL XMCL	N

Remmen

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

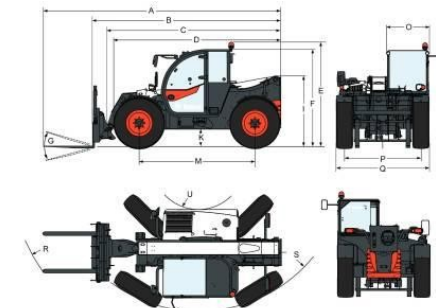
Besturing

Besturingsmodus	2WS / 4WS / CRAB / semi CRAB
Stuurpomp	Prioriteitsklep op regelklep
Stuurinstellingen	Button and screen for selection

Inhoud vloeistoffen

Autonomie vergrote tank op 75% last - primair	138 IL
Hydraulic reservoir	70 IL

Afmetingen



Overall height with 24" tyres (with roof wiper)

(M) 2870 mm MM	(O) 900 mm MM
(P) 1895 mm MM	(G) 135.00
(A) 5874 mm MM	(L) 1156 mm MM
(B) 4669 mm MM	(N) 643 mm MM
(C) 4653 mm MM	(Q) 2300 mm MM

Axles rear	7.4 IL
Koelsysteem met verwarming	15 IL
Motorolie met filter	14 IL
Axles front	6 IL
Hydraulisch systeem met reservoir	140 IL

Vloeistofspecificaties

Smeervet voor scharnieren en glijders van de giek	TOTAL MULTIS EP2
Remvloeistof	Geen. Remmen werken op druk van hydraulisch systeem.
Hydraulische vloeistof	MS68
Transmissieolie	ELF SF3 / TOTAL DYNATRANS FR
Koelvloeistof	Ethyleenglycolmengsel 50:67
Motorolie	"ACEA E7/9 API CJ-4 of hoger Viscositeit: -30 to t +40 °C: SAE 0W30 -20 tot +40 °C: SAE 5W30 -15 tot +40 °C: SAE 10W30"

Bedieningselementen

Bedrijfsrem Pedal-activated wet multi-dis	Schijven in oliebad k on front axle
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Milieuvriendelijk karakter

Whole body vibration (EN 13059) 24" tyres	1.1 m/s2MPERS2
Bystander noise level LwA (EU Directive 2000/14/EC)	107 dbdB
Sound pressure level at the operator station 2014 /1322 - 40 km/h doors opened (LpA)	78 dbdB
Sound pressure level at the operator station 2014 /1322 - 40 km/h doors closed (LpA)	77 dbdB

Veiligheid

Werklichten voor- en achteraan, standaard	Use for indoor and low light operation
Anti-kantelinrichting, standaard	Yes
Zwaailicht, standaard	Yes
Noodalarm, standaard	Switches off the engine and blocks boom movements.
Handgrepen, standaard	Should always be used when entering/exiting the telescopic
Achteruitrijalarm, standaard	For use in jobs with low visibility. Alarm sounds when operated in reverse.
Volledig voorziene bestuurserscabine 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).
Parkeerrem, standaard	Always set brake when leaving the machine
Veiligheidsgordel, standaard	Moet tijdens het besturen van de machine altijd worden omgedaan
Achterrauit, standaard	For emergency exit
Roof window wiper and washer, standard	Yes
Giekstop, standaard	Gebruiken bij onderhoud als giek omhoog staat
Tabellen nominale draagcapaciteit, standaard	Attached inside the cab. Provide rated load capacities for loads and attachments.

Elektrische uitrusting

Alternator	140
Startmotor	2.7 kW (3.6 HP)KW
Accu	110Ah / 1000CCA SAE

Motor

Merk / Model	Bobcat D34
Rated torque speed	1400
Boring	98 mmMM
Brandstof	DIESEL
Rated power speed	2400
Maximum power at rated speed (ISO 14396)	100.7 kWKW
Aantal cilinders	4
Beluchting van krukas	Closed breathing
Cilinderinhoud	3400 cubic cmCC
Slag	113 mmMM
Koeling	KOELVLOEISTOF
Luchtfilter	Vervangbare droge patroon met veiligheidselement
Smering	Druk tandwielpomp
Maximum torque at rated speed	500 nmNEWTON-M
Ontsteking	Diesel met compressieontsteking

Gewichten

Unladen operating weight on rear axle (24" tyres)	3915 kgKG
Unlade operating Weight on front axle (20" tyres)	2785 kgKG
Unladen operating weight (24" tyres)	6770 kgKG

Unladen shipping weight (24" tyres)	6575 kgKG
Unladen shipping weight (20" tyres)	6435 kgKG
Unladen operating weight on rear axle (20" tyres)	3845 kgKG
Unlade operating Weight on front axle (24" tyres)	2855 kgKG
Unladen operating weight (20" tyres)	6630 kgKG

Instrumenten

Instruments	• Meters
◦ Motortoerental	◦ Totale bedrijfsuren
◦ Bedrijfsuren job	◦ Giekhoeck
◦ Voertuigsnelheid	◦ Brandstofmeter
◦ Meter temperatuur motorkoelvloeistof	• Indicatoren
◦ Status uitlijning voor-/achterwielen op scherm	◦ Koplamp groot licht
◦ Koplamp dimlicht	◦ Positielichten
◦ Richtingaanwijzers links en rechts	◦ Richtingaanwijzer aanhangwagen
◦ Parkeerrem	◦ Langsstabiliteitsniveau
◦ Ruitenwissers	◦ Work lights
◦ Knipperend waarschuwingslichtje	◦ Waarschuwing slampje noodknipperlichten
◦ Keuze versnelling	◦ Blokkering hydraulische functies
◦ Mistlampen achtermistlampen	◦ Verwarmingsventilator
◦ Temperatuur hydraulische vloeistof te hoog	◦ Koelvloeistoftemperatuur te hoog
◦ Lage oliedruk	◦ Accu laadt niet op
◦ Langsstabiliteitsalarm	

Onderhoudbaarheid

Serviceability	• Access through the side engine cover and access panel:
◦ Air cleaner	◦ Fuel filter
◦ Engine oil filter	◦ Engine oil dipstick
◦ Starter	◦ Alternator
• Toegang binnen cabine:	◦ Glass washer fluid
◦ Fuses, diodes and relays	◦ ISL control box

Standard Features

Standard Features_	• 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)
◦ Heavy Duty axles with Limited Slip Differential on front axle (45%)	◦ 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:
◦ Pillar free rear panoramic visibility (patented cabin design)	◦ 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 Arrester (AMA) compliant with EN15000	◦ 7" touch display (Bluetooth radio with microphone + Job manager + anti-theft + on-fly settings + rear camera ready + diagnostic page)
	◦ Standard proportional joystick (forward/reverse drive and turtle/rabbit speed)
◦ USB plug (mobile charging)	
◦ Smart Handling System (SHS) to adjust boom movement speeds (lifting, telescoping, tilting)	◦ Speed management (Creep) to adjust max drive speed whatever engine RPM
	◦ Auxiliary Flow Management (AFM) to adjust and engage a permanent hydraulic flow
◦ ECO mode for lower engine fuel consumption	
◦ 4 steering modes (2WS /4WS/CRAB/Semi-Crab) with semi-automatic wheel realignment (manual mode still available)	◦ Machine IQ (Telematic)
◦ *****	
*****	• Drive/Engine/Hydraulic:
◦ Continuous hydrostatic transmission with electronic regulation and dynamic drive mode	◦ 2 hydrostatic speeds (turtle/rabbit) with auto-shift
◦ 40 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)

- Cruise Control (allow to release the throttle pedal while keeping the travel speed)
- Maximum Speed Limiter
- European Tractor homologation
- Hand throttle and flex drive
- Alliance tyres - set of 4 x 460/70R24" (AGRICULTURAL)

◦ 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)

◦ Load Sensing pump 190 l/min with flow sharing distributor

• Warranty/Legislation:

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

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

- ECO-Ride (optimization of RPM)
- Stop & Start
- Fan inverter with manual & auto modes
- Support for vehicle registration plate

◦ Turbo-charged engine - Bobcat D34 Stage V - 135hp / 500Nm

◦ Built-in air cyclonic prefilter with automatic dust evacuation

◦ High capacity battery 110 Ah/1000 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 Italy, one of the three homologations is mandatory: - Italian operating machine legislation - Italian agricultural road homologation – MAS (Macchine agricole semoventi) - Tractor homologation

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