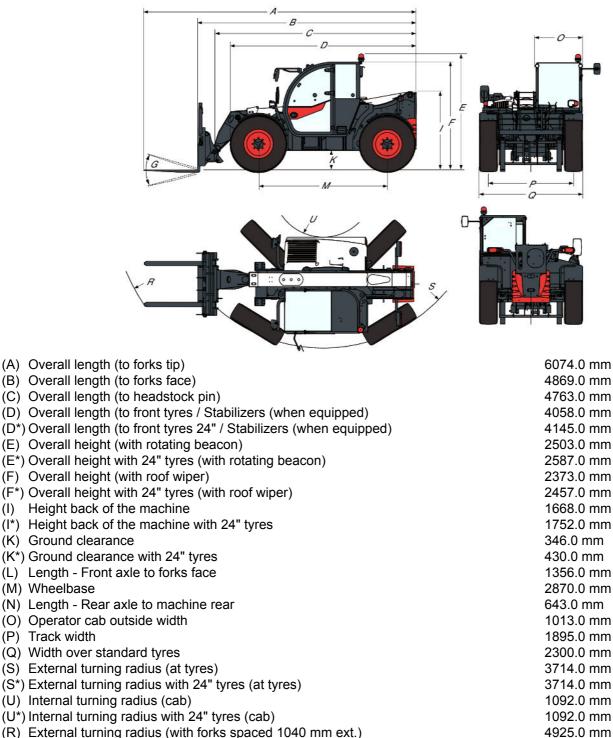


Telescopics Specifications

Dimensions



(G) Carriage rotation angle

B552/B553 11001 — B552/B553 99999 • Specifications are subject to change without notice - Pictures of Bobcat units may show other than standard equipment

4925.0 mm 135.0°

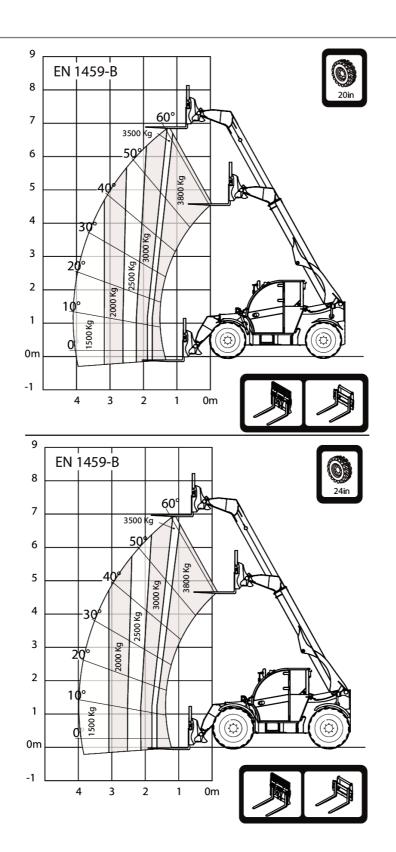
⁽R*) External turning radius with 24" tyres (with forks spaced 1040 mm ext.)



TL35-70 100 V R-Series Telescopic Handler | Telescopics

Specifications

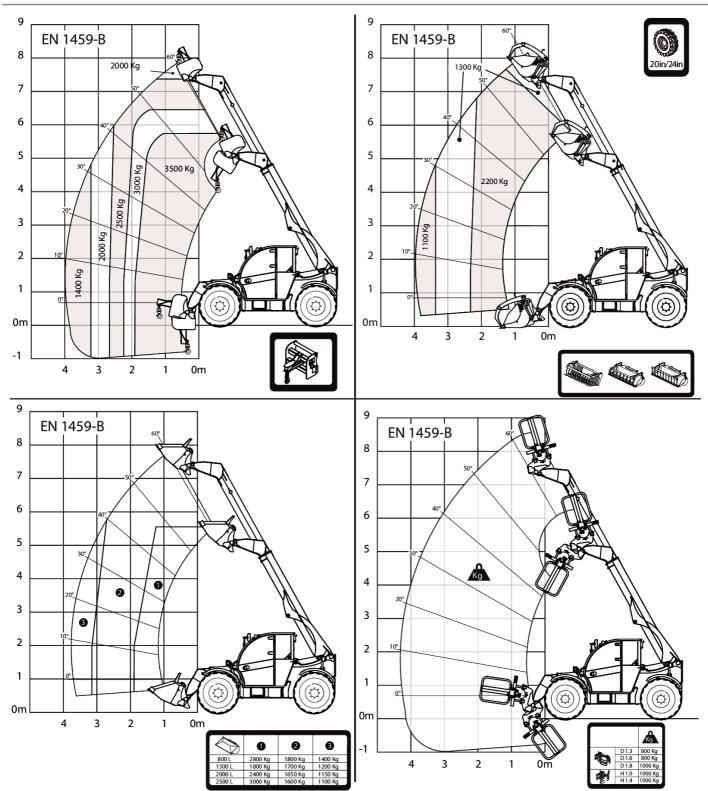
Load Charts





Telescopics Specifications

Load Charts





Telescopics Specifications

Performance

Tilt Breakout force Drawbar pull (20" tyres) Drawbar pull (24" tyres) Max. gradeability (20" tyres) Max. gradeability (24" tyres) Max. gradeability with rated load (20" tyres) Max. gradeability with rated load (24" tyres) Rated capacity Capacity (at max. height on tyres) Capacity at max. reach (20" tyres) Capacity at max. reach (24" tyres) Lifting height (20" tyres) Lifting height (24" tyres) Max. reach (24" tyres) Max. reach (24" tyres) Reach at max height on tyres (20" tyres) Reach at max height on tyres (24" tyres)	6200 daN 8000 daN 7000 daN 33.0° 33.0° 33.0° 3500 kg 3500 kg 1500 kg 1500 kg 6889.0 mm 6973.0 mm 4002.0 mm 3915.0 mm 1036.0 mm 1123.0 mm
Cycle times	
Boom raising Boom lowering Boom extension Boom retraction Crowding Dumping	8.0 s 6.0 s 7.1 s 6.5 s 3.0 s 2.7 s
Weights	
Unladen weight (20" tyres) Unladen operating Weight (20" tyres) Unlade operating Weight on front axle (20" tyres) Unladen operating Weight on rear axle (20" tyres) Unladen weight (24" tyres) Unladen operating Weight (24" tyres) Unlade operating Weight on front axle (24" tyres) Unladen operating Weight on rear axle (24" tyres) Max ground Pressure on tyres-hard soil	7075 kg 7275 kg 2995 kg 4280 kg 7215 kg 7415 kg 3065 kg 4350 kg 11.0
Engine	
Make / Model Fuel Cooling Rated power (ISO 14396) Rated speed Maximum torque at 1400 rpm Number of cylinders Displacement Bore Stroke Lubrication	Bobcat D34 DIESEL COOLANT 74.0 kW 2400.0 RPM 430.0 Nm 4.0 3.41 L 98.0 mm 113.0 mm Gear pump pressure
B552/B553 11	001 — B552/B553 99999 •



Telescopics Specifications

Crankshaft Ventilation Air filter Ignition	Close breathing Dry replaceable cartridge with safety element Diesel compression
Electrical	
Alternator Battery Starter	140 A 110.0 2.7 kW
Hydraulic System	
Pump type Pump capacity Relief valve pressure setting Control valve type Hydraulic filter specs Auxiliary flow front	Gear pump with LS valve 100.00 L/min 250.00 bar Open center with flow sharing & flow compensators technology Full flow filtration 150.00 L/min
Auxiliary flow rear	150.00 L/min
Drive system Transmission Main Drive	Hydrostatic with electronic regulation Hydrostatic motor + 2 speed gearbox
Traction	
Standard Tyres Low range - turtle mode (24" / 20") Low range - rabbit mode (24" / 20") High range - turtle mode (24" / 20") High range - rabbit mode (24" / 20") Low range - turtle mode (24" / 20") - (Option high speed) Low range - rabbit mode (24" / 20") - (Option high speed) High range - turtle mode (24" / 20") - (Option high speed) High range - rabbit mode (24" / 20") - (Option high speed)	405/70-20 16PR TM R4 6 / 5 11 / 10 16 / 14 30 / 26 6 / 5 12 / 10 18 / 16 40 / 35
Optional Tyres	
405/70-20 16PR TM R4 MICHELIN 400/80-24 162A8 IND TL POWER CL 400/80-24 / 20PR TM R4 MICHELIN 460/70R24 159A8/159B XMCL IND TL MICHELIN 500/70R24 164A8/164B IND TL XMCL NOKIAN 460/65R24 156A8/151D TRI STEEL TL DUNLOP 405/70R24 168A2 152J MPT SPT9 DUNLOP 405/70R20 168A2 152J MPT SPT9 ALLIANCE 460/70-R24 159A8 -	
SOLIDEAL 400/80-24 /20PR TMR4 MICHELIN BIBLOAD 460/70R24 159A8/159B	



Telescopics Specifications

Brakes	
Engine Braking Parking and Emergency brake Service Brake	Hydrostatic Passive brake Oil immersed discs
Steering	
Steering Pump Steering Mode	Priority valve on control valve 2 wheel steering / 4 wheel steering / Crab-steering
Fluid Capacities	
Axles front/rear Gear box Cooling system with heater Engine oil with filter Fuel tank Adblue ® tank Hydraulic tank Hydraulic system	9,1/9,1 1.80 L 14.50 L 12.60 L 138.00 L 28.80 L 59.00 L 105.00 L
Fluid Specifications	
Coolant Engine Oil	Ethylen Glycol Mix 50:73 "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"
Fuel Brake Fluid Hydraulic Fluid Transmission Oil Grease for hinges and boom gliders	"Diesel fuel low Sulphur - EN 590 : 2013 -ASTM D975C-1 Grade 1D or 2D S15" None. Brakes use hydraulic system pressure MS68 ELF SF3 / TOTAL DYNATRANS FR TOTAL MULTIS EP2
Controls	Electronic angine aneed governor
Engine Starting Front auxiliary Boom raising / lowering Boom exension /retraction Service brake Secondary brake Parking brake Steering	Electronic engine speed governor Key-type starter switch and shutdown. Variable thumbwheel on joystick Joystick electronic Variable thumbwheel on joystick Pedal-activated wet multi-disk on front axle Passive brake Passive brake Proportional hydraulic steering via a conventional steering wheel
Speed range and Forward/reverse drive	Switch for hydrostatic motor and switch on joystick or leve for FNR
Steering modes Auxiliary pressure release Eco mode SHS mode	Button and screen for selection Bobcat Coupler Eco mode switch SHS mode switch



TL35-70 100 V R-Series Telescopic Handler | Telescopics

Specifications

Instruments

Instruments

- Gauges
 - Engine RPM
 - Total operating hours
 - Job hours
 - Boom angle
 - Vehicle speed
 - Fuel gauge
 - Engine coolant temperature gauge
- Indicators
 - · Front and rear wheel alignment status on screen
 - Headlight full beam
 - Headlight low beam
 - Position lights
 - Left and right turn
 - Trailer turn
 - Parking brake
 - Longitudinal stability level
 - Windscreen wipers
 - Work lights
 - Flashing warning light
 - Hazard warning lights
 - Gear Speed choice
 - Hydraulic function lock
 - Rear fog lights
 - Heater fan
 - Hydraulic fluid over-temperature
 - Engine coolant over-temperature
 - Low oil pressure
 - Battery not charging
 - · Longitudinal stability alarm

Serviceability

Serviceability

- · Access through the side engine cover and access panel:
 - Air cleaner
 - Fuel filter
 - Engine oil filter
 - Engine oil dipstick
 - Starter
 - Alternator
- Access within the cab:
 - Glass washer fluid
 - $\circ~$ Fuses, diodes and relays
 - $\circ~$ ISL control box



Telescopics Specifications

Environmental

Operator noise level (LpA) (EN 12053) Sound pressure level at the operator station 2014 /1322 Annexe XIII - 40kmh : doors closed (doors opened) (LpA) Level of acoustic power (LwA) Whole body vibration (EN 13059) 73 dB(A) 75 dB(A)

106 dB(A) 1.40 ms⁻²



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