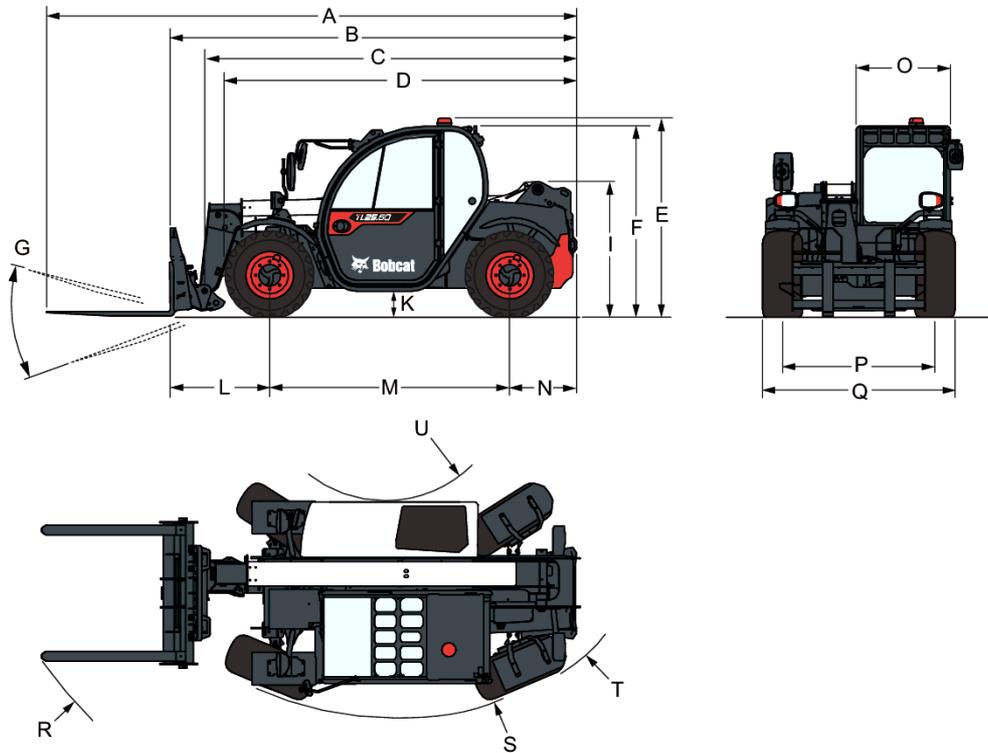


TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

Dimensions

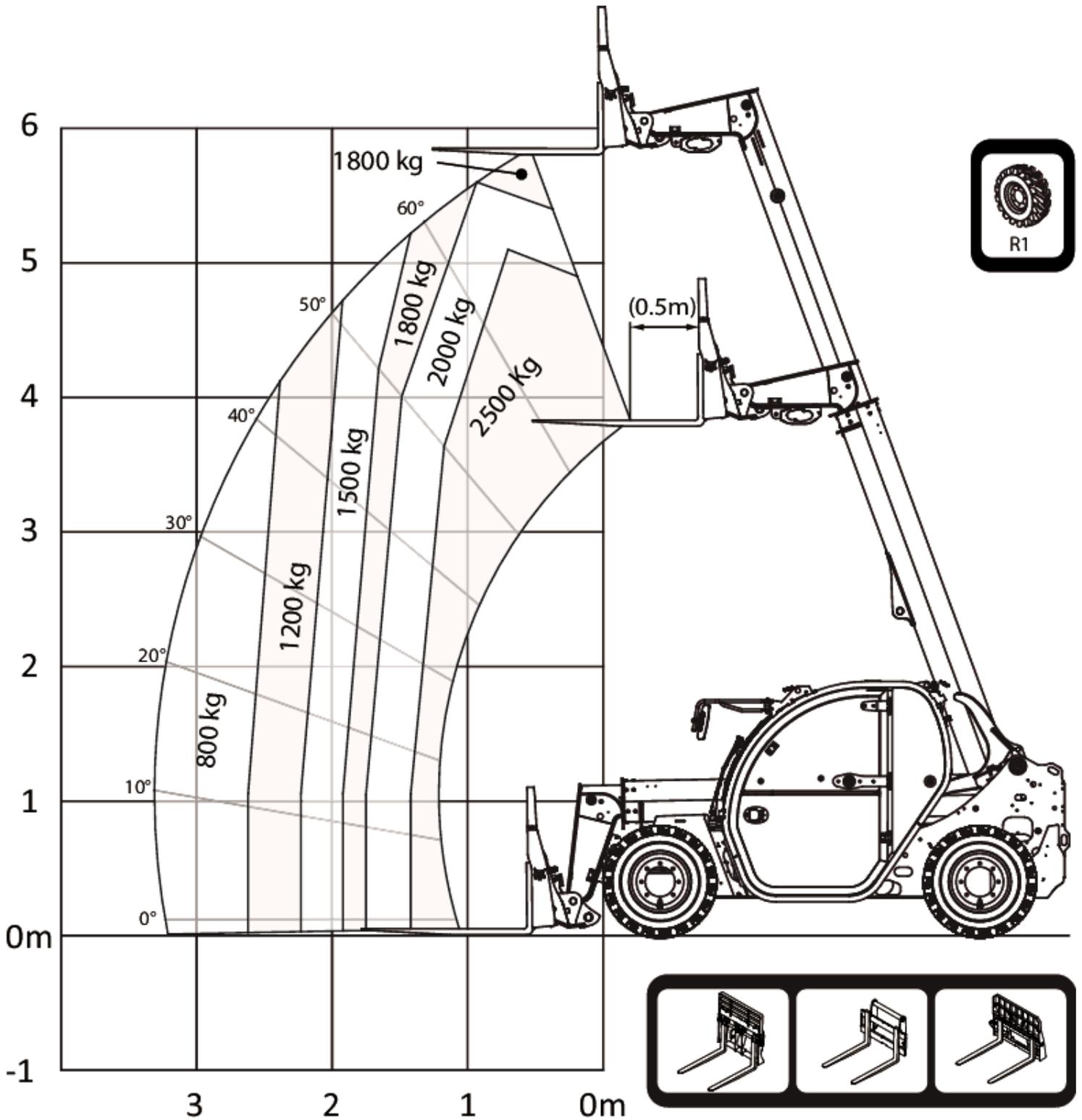


(A) Overall length (to forks tip)	5208.0 mm
(B) Overall length (to forks face)	3989.0 mm
(C) Overall length (to headstock pin)	3647.0 mm
(D) Overall length (to front tyres 16.5")	3442.0 mm
(D*) Overall length (to front tyres 20")	3488.0 mm
(E) Overall height with 16.5" tyres (with rotating beacon)	2085.0 mm
(E*) Overall height with 20" tyres (with rotating beacon)	2124.0 mm
(F) Overall height with 16.5" tyres (with roof wiper)	1930.0 mm
(F*) Overall height with 20" tyres (with roof wiper)	1969.0 mm
(I) Height back of the machine with 16.5" tyres	1340.0 mm
(I*) Height back of the machine with 20" tyres	1379.0 mm
(K) Ground clearance with 16.5" tyres	250.0 mm
(K*) Ground clearance with 20" tyres	289.0 mm
(L) Length - Front axle to forks face	1044.0 mm
(M) Wheelbase	2360.0 mm
(N) Length - Rear axle to machine rear	662.0 mm
(O) Operator cab outside width	930.0 mm
(P) Track width	1500.0 mm
(Q) Width over standard tyres	1832.0 mm
(S) External turning radius with 16.5" tyres (at tyres)	3235.0 mm
(S*) External turning radius with 20" tyres (at tyres) with QT carriage	3729.0 mm
(U) Internal turning radius with 16.5" tyres (cab)	1165.0 mm
(U*) Internal turning radius with 20" tyres (cab)	1676.0 mm
(R) External turning radius with 16.5" tyres (with rigid forks spaced 1010 mm ext.) with BT	4271.0 mm
(R*) External turning radius with 20" tyres (with rigid forks spaced 1010 mm ext.) with BT	4593.0 mm
(G) Carriage rotation angle	134.0°

TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

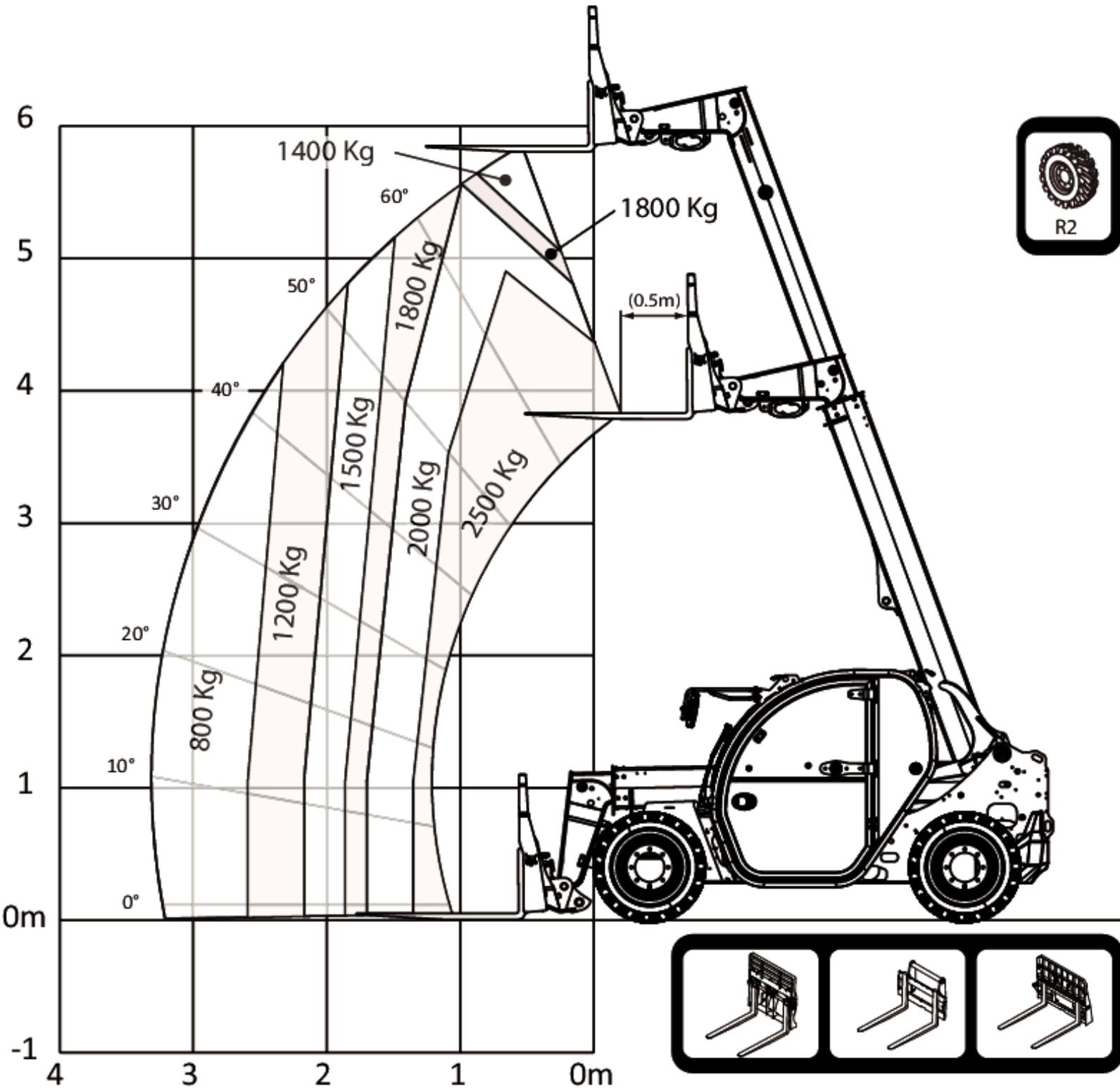
Load Charts



TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

Load Charts



TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

Performance

Tilt Breakout force - ISO8313	3300 daN
Drawbar pull (16.5" tyres)	3000 daN
Max. gradeability (16.5" tyres)	33.0°
Max. gradeability with rated load (16.5" tyres)	25.0°
Rated capacity	2500 kg
Capacity (at max. height on tyres)	1800 kg
Capacity at max. reach (16.5" tyres)	800 kg
Capacity at max. reach (20" tyres)	800 kg
Lifting height (16.5" tyres QT)	5800.0 mm
Lifting height (16.5" tyres BT)	5900.0 mm
Max. reach (16.5" tyres BT)	3300.0 mm
Max. reach (16.5" tyres QT)	3400.0 mm
Reach at max height on tyres (16.5" tyres QT)	616.0 mm
Reach at max height on tyres (16.5" tyres BT)	539.0 mm

Cycle times

Boom raising	5.6 s
Boom lowering	4.0 s
Boom extension	5.4 s
Boom retraction	3.4 s
Crowding	2.9 s
Dumping	2.7 s

Weights

Unladen weight (16.5" tyres)	4308 kg
Unladen operating Weight (16.5" tyres)	4445 kg
Unladen operating Weight on front axle (16.5" tyres)	2059 kg
Unladen operating Weight on rear axle (16.5" tyres)	2386 kg
Unladen weight (20" tyres)	4413 kg
Unladen operating Weight (20" tyres)	4549 kg
Unladen operating Weight on front axle (20" tyres)	2072 kg
Unladen operating Weight on rear axle (20" tyres)	2477 kg
Max ground Pressure on tyres-hard soil	12.0

Engine

Make / Model	Bobcat DM02
Fuel	DIESEL
Cooling	COOLANT
Rated power @ 2400rpm (ISO 14396)	54.6 kW
Rated speed	2400.0 RPM
Maximum torque @ 1600 rpm	280.0 Nm
Number of cylinders	4.0
Displacement	2.39 L
Bore	90.0 mm
Stroke	94.0 mm
Lubrication	Gear pump pressure
Crankshaft Ventilation	Close breathing
Air filter	Dry replaceable cartridge with safety element
Ignition	Diesel compression

TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

Electrical

Alternator	90 A
Battery	110.0
Starter	2.7 kW

Hydraulic System

Pump type	Gear pump
Pump capacity	80.00 L/min
Relief valve pressure setting	250.00 bar
Control valve type	"Flow sharing valve Electro proportional control"
Hydraulic filter specs	Full flow filtration
Auxiliary flow front	80.00 L/min

Drive system

Transmission	Hydrostatic with electronic regulation
Main Drive	Hydrostatic motor

Traction

Standard Tyres	CAMSO 12-16,5 SKS 532 12PR (R1 category)
Max speed - turtle mode (16.5"/20")	6,9 / 7,5 km/h
Max speed - rabbit mode (16.5"/20")	27,3 / 29,6 km/h

Optional Tyres

MICHELIN 300-16,5 BIBSTEEL (R2 category)
CAMSO 14-17,5 SKS 532 14PR (R1 category)
TRELLEBORG 36X14-20/7,5 HPS Solidflex (R1 category)
MICHELIN 280/80R18 XMCL 132A8 (R2 category)

Brakes

Engine Braking	Hydrostatic
Parking and Emergency brake	Passive brake
Service Brake	Oil immersed discs

Steering

Steering Pump	Priority valve on pump
Steering Mode	2 wheel steering / 4 wheel steering / Crab-steering

Fluid Capacities

Axles front/rear	6,0/6,0 l
Gear box	0.70 L
Cooling system with heater	9.00 L
Engine oil with filter	9.50 L
Fuel tank	65.00 L
Hydraulic tank	42.00 L
Hydraulic system	70.00 L

Fluid Specifications

Coolant	Ethylen Glycol Mix -37°C (34.6°F)
Engine Oil	ACEA E7/9 API CJ-4 or above Viscosity: -20 to 40°C : SAE 5W30 -15 to 40°C : SAE 10W30 -10 to 40°C : SAE 15W30
Fuel	"Diesel fuel low Sulphur - EN 590 : 2013 -ASTM D975C-15 Grade 1D or 2D S15"
Brake Fluid	None. Brakes use hydraulic system pressure
Hydraulic Fluid	MS66
Transmission Oil	ELF SF3 / TOTAL DYNATRANS FR
Grease for hinges and boom gliders	TOTAL MULTIS EP2

Controls

Engine	Electronic engine speed governor
Starting	Key-type starter switch and shutdown.
Front auxiliary	Variable thumbwheel on joystick
Boom raising / lowering	Joystick electronic
Boom extension /retraction	Variable thumbwheel on joystick
Service brake	Pedal-activated wet multi-disk on front axle
Secondary brake	Passive brake
Parking brake	Passive brake
Steering	Proportional hydraulic steering via a conventional steering wheel
Speed range and Forward/reverse drive	Switch for hydrostatic motor and switch on joystick or lever for FNR
Steering modes	Button and screen for selection
Auxiliary pressure release	Bobcat Coupler
Eco mode	Eco mode switch
SHS mode	SHS mode switch

Instruments

Instruments

- Gauges
 - Engine RPM
 - Total operating hours
 - Job hours
 - Boom angle
 - Fuel gauge
 - Engine coolant temperature gauge

TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

- 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
 - 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
 - Fuses, diodes and relays
 - ISL control box

Environmental

Operator noise level (LpA) (EN 12053)	75 dB(A)
Level of acoustic power (LwA)	104 dB(A)
Whole body vibration (EN 13059)	1.20 ms ⁻²

Safety

Seat belt, standard	Should always be worn when operating the machine "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)."
Fully enclosed operator cab. Standard	
Boom stop, standard	Use for servicing if boom is raised
Parking brake, standard	Always set brake when leaving the machine
Grab handles, standard	"Should always be used when entering/exiting the telescopic"

TL25-60 75 V R-Series Telescopic Handler

Telescopic
Specifications

Rear window, standard
Front and rear work lights, standard
Back-up alarm, standard

Rated load capacity charts, standard

Emergency button, standard

For emergency exit
Use for indoor and low light operation
"For use in jobs with low visibility. Alarm sounds when operated in reverse."
"Attached inside the cab. Provide rated load capacities for loads and attachments."
Switches off the engine and blocks boom movements.