

T35-105L 100 V R-Series Telescopic Handler

Telescopic Specifications

Performance

Rated capacity	3500 kg
Capacity (at max. height on tyres)	2500 kg
Capacity at max. reach	600 kg
Lifting height	10290.0 mm
Tilt Breakout force	7800 daN
Drawbar pull (20" tyres)	5700 daN
Drawbar pull (24" tyres)	4900 daN
Max. reach	6886.0 mm
Max. reach on stabilizers (20" tyres)	6886.0 mm
Max. reach on stabilizers (24" tyres)	6795.0 mm

Cycle times

Boom raising	11.0 s
Boom lowering	6.0 s
Boom extension	11.5 s
Boom retraction	7.0 s
Crowding	4.5 s
Dumping	4.0 s

Weights

Unladen weight (20" tyres)	7110 kg
Unladen weight (24" tyres)	7210 kg

Engine

Make / Model	Bobcat D34
Fuel	DIESEL
Rated power (ISO 14396)	74.0 kW
Rated speed	2400.0 RPM
Maximum torque at 1400 rpm	430.0 Nm
Number of cylinders	3.409
Displacement	4.40 L

Hydraulic system

Pump type	Gear pump with LS valve
Pump capacity	100.00 L/min
Relief valve pressure setting	250.00 bar
Control valve type	Open center with flow sharing & flow compensators technology

Drive system

Transmission	Hydrostatic with electronic regulation
Main Drive	Hydrostatic motor

Traction

Standard Tyres	405/70-20 16PR TM R4
Max speed - turtle mode (24" / 20")	8,5 / 7
Max speed - rabbit mode (24" / 20")	30 / 26

Brakes

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

Steering

Steering Mode	2 wheel steering / 4 wheel steering / Crab-steering
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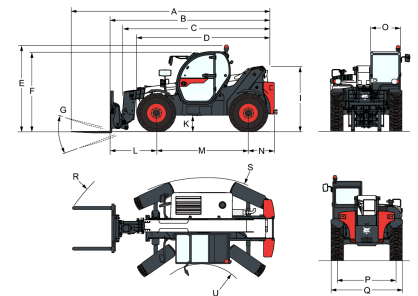
Fluid Capacities

Fuel tank	130.00 L
Addblue ® tank	22.40 L
Hydraulic tank	69.00 L
Hydraulic system	121.00 L

Environmental

Operator noise level (LpA) (EN 12053)	76 dB(A)
Level of acoustic power (LwA)	106 dB(A)
Whole body vibration (EN 13059)	1.30 ms ⁻²

Dimensions



Values marked with * - 24" tyres

(A)	6276.0 mm	(L)	1422.0 mm
(B)	5071.0 mm	(M)	2850.0 mm
(C)	4936.0 mm	(N)	799.0 mm
(D)	4192.0 mm	(O)	930.0 mm
(E)	2584.0 mm	(P)	1862.0 mm
(F)	2430.0 mm	(Q)	2264.0 mm
(G)	143.0°	(R)	5025.0 mm
(I)	1941.0 mm	(S)	3765.0 mm
(K)	415.0 mm	(U)	1245.0 mm

Load Charts

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