

TL35-70 100 IIIA R-Series Telescopic Handler

Telescopic Handlers Specifications

Performance

Rated capacity	3500 kg
Capacity (at max. height on tyres)	3500 kg
Capacity at max. reach	1500 kg
Lifting height	6889.0 mm
Tilt Breakout force	6200 daN
Drawbar pull (20" tyres)	8000 daN
Drawbar pull (24" tyres)	7000 daN
Max. gradeability (20" tyres)	33.0°
Max. gradeability (24" tyres)	33.0°
Max. reach	4002.0 mm

Cycle times

Boom raising	8.0 s
Boom lowering	6.0 s
Boom extension	7.1 s
Boom retraction	6.5 s
Crowding	3.0 s
Dumping	2.7 s

Weights

Unladen weight (20" tyres)	6880 kg
Unladen weight (24" tyres)	7020 kg

Engine

Make / Model	PERKINS / 1104D-44TA
Fuel	DIESEL
Rated power (ISO 14396)	74.0 kW
Rated speed	2200.0 RPM
Maximum torque at 1400 rpm	410.0 Nm
Number of cylinders	4.0
Displacement	4.40 L

Hydraulic system

Pump type	Gear pump with LS valve
Pump capacity	100.00 L/min
Relief valve pressure setting	255.00 bar
Control valve type	Open center with flow sharing & flow compensators technology

Drive system

Transmission	Hydrostatic with electronic regulation
Main Drive	Hydrostatic motor + 2 speed gearbox

Traction

Standard Tyres	405/70-20 16PR TM R4
Low range - turtle mode (24" / 20")	6 / 5
Low range - rabbit mode (24" / 20")	11 / 10
High range - turtle mode (24" / 20")	16 / 14
High range - rabbit mode (24" / 20")	30 / 26
Low range - turtle mode (24" / 20") - (Option high speed)	6 / 5
Low range - rabbit mode (24" / 20") - (Option high speed)	12 / 10
High range - turtle mode (24" / 20") - (Option high speed)	18 / 16
High range - rabbit mode (24" / 20") - (Option high speed)	40 / 35

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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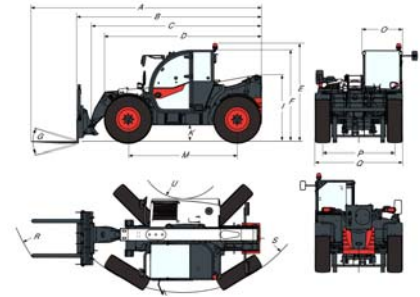
Fluid Capacities

Fuel tank	138.00 L
Hydraulic tank	59.00 L
Hydraulic system	105.00 L

Environmental

Operator noise level (LpA) (EN 12053)	76 dB(A)
Whole body vibration (EN 13059)	1.50 ms ⁻²

Dimensions



Values marked with * - 24" tyres

(A)	6074.0 mm	(K*)	430.0 mm
(B)	4869.0 mm	(L)	1356.0 mm
(C)	4763.0 mm	(M)	2870.0 mm
(D)	4058.0 mm	(N)	643.0 mm
(D*)	4145.0 mm	(O)	1013.0 mm
(E)	2503.0 mm	(P)	1895.0 mm
(E*)	2587.0 mm	(Q)	2300.0 mm
(F)	2373.0 mm	(R)	4925.0 mm
(F*)	2457.0 mm	(R*)	4925.0 mm
(G)	135.0°	(S)	3714.0 mm
(I)	1668.0 mm	(S*)	3714.0 mm
(I*)	1752.0 mm	(U)	1092.0 mm
(K)	346.0 mm	(U*)	1092.0 mm

Load Charts

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