

RHINO EQUIPMENT

RTH23-3.5

PRODUCT DATA SHEET

RTH23-3.5

Telehandler — Telescopic Handler
Miniature Bodywork / Flexible Operation

Telehandler RTH23-3.5

Miniature Bodywork / Flexible Operation



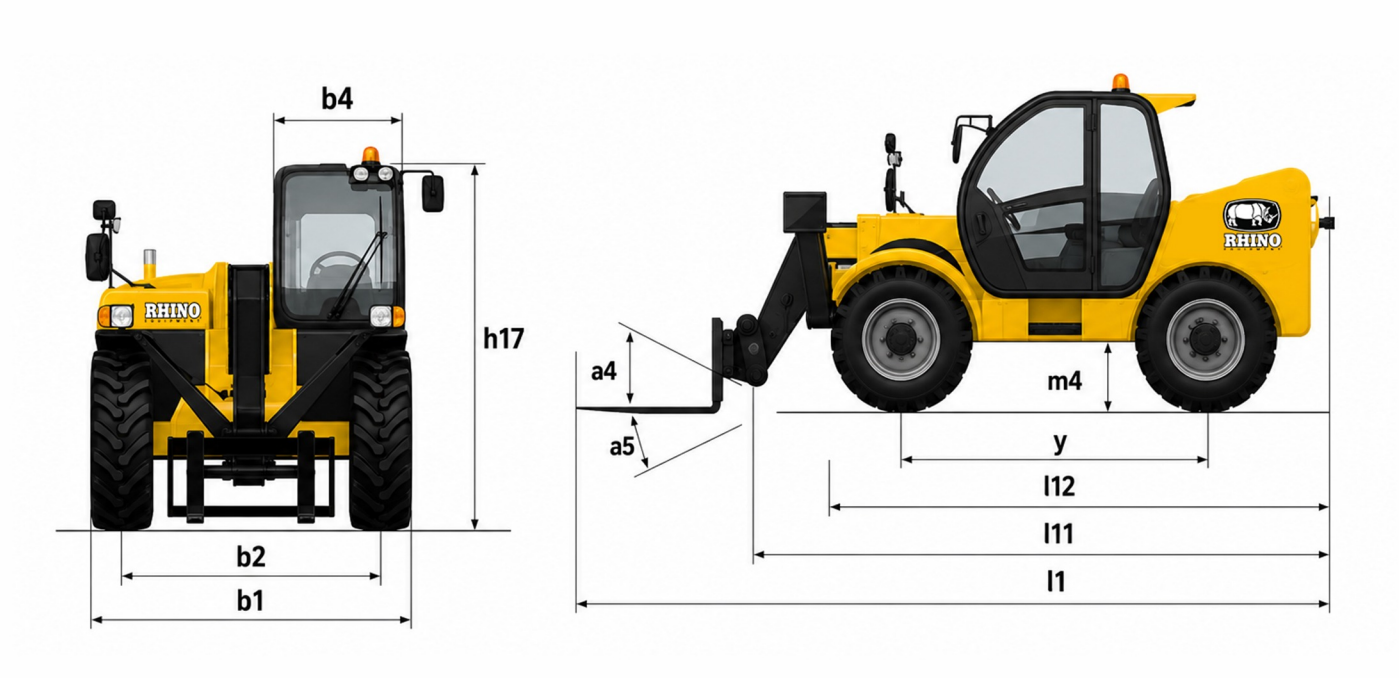
LIFTING HEIGHT	RATED LOAD	ENGINE POWER	TIRE
7,000 mm	3,500 kg	76 kW	16/70-20
22.97 ft	7,716 lb	103 hp	Pneumatic

The **RHINO RTH23-3.5** is a telehandler designed to combine a miniature bodywork with flexible on-site operation. With a lifting height of **7.0 m** and a rated load of **3,500 kg**, it is built for lifting, loading and material-positioning tasks in construction, industry and logistics, adapting to a wide range of applications through multiple attachments.

Images and technical information shown are for reference only and may vary without prior notice.

Dimension Diagram

Dimensional reference for the RTH23-3.5 telehandler



CODE	DESCRIPTION	METRIC	IMPERIAL
l11	Overall Length to Carriage (Excl. Forks)	**4.65 m**	15.26 ft
l1	Length to Face of Forks	**5.87 m**	19.26 ft
l12	Min. Transport Size	**4.35 m**	14.27 ft
b1	Overall Width	**2.2 m**	7.22 ft
b2	Track Width	**1.78 m**	5.84 ft
h17	Overall Height	**2.55 m**	8.37 ft
y	Wheelbase	**3.15 m**	10.33 ft
m4	Ground Clearance	**0.35 m**	1.15 ft
b4	Overall Cab Width	**0.84 m**	2.76 ft
a4	Tilt-Up Angle	**12°**	—
a5	Tilt-Down Angle	**90°**	—
—	External Turning Radius (Over Tyres)	**4.25 m**	13.94 ft

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Technical Specifications

Capacities, dimensions and performance — metric and imperial values

Capacities	
Max. Capacity	**3,500 kg** 7,716 lb
Max. Lifting Height	**7.0 m** 22.97 ft
Max. Outreach	**3.2 m** 10.5 ft

Weight and Dimensions		
l11	Overall Length to Carriage (Excl. Forks)	**4.65 m** 15.26 ft
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b4	Overall Cab Width	**0.84 m** 2.76 ft
a4	Tilt-Up Angle	**12°** —
a5	Tilt-Down Angle	**90°** —
	External Turning Radius (Over Tyres)	**4.25 m** 13.94 ft
	Unladen Weight (with Fork)	**7,600 kg** 16,755 lb
	Tires Type	**Pneumatic**
	Standard Tires	**16/70-20**
	Fork Length	**1,220 mm** 48.03 in
	Fork Width	**125 mm** 4.92 in
	Fork Section (Thickness)	**50 mm** 1.97 in

Performance (Cycle Times)	
Lifting	**10 s**
Lowering	**7 s**
Extension	**12 s**
Retraction	**8.6 s**
Crowd	**4.8 s**
Dump	**3.4 s**

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Technical Specifications (continued)

Engine, transmission, hydraulics, fluid capacities, noise/vibration and other

Engine

Number of Cylinders	**4 units**
Cylinder Capacity (Displacement)	**4,400 cm³** 268.5 in³
Engine Power Rating (as Published)	**76 kW** 103 hp
Max. Torque	**400 Nm** 295 lb-ft
Engine Rotation (at Max. Torque)	**1,400 rpm**
Drawbar Pull (Laden)	**10,000 daN** 22,481 lbf
Max. Fuel Sulphur Content	**5,000 ppm**

Engine Configuration

Engine Brand	Rhino / Optional Cummins
Engine Model	YN38GBZ
Engine Emission Norm	Rhino Stage 3 (Cummins T4 and Euro 5 or Perkins T4 and Euro 5)

Transmission

Transmission Type	Torque Converter (Opt. Hydrostatic)
Gears (Fwd/Rev)	**2 / 2**
Max. Travel Speed	**35 km/h** 21.7 mph
Parking Brake	Automatic Air-Cut (Opt. Wet Disc)
Service Brake	Immersed Multi-Discs Front & Rear Axles

Hydraulics

Pump Type	Gear Pump (Opt. Piston/Plunger)
Reservoir (Flow)	**120 L** 31.7 gal

Noise and Vibration

Driving Position (LpA)	**82 dB**
To Environment (LwA)	**105 dB**
Hand/Arm Vibration	**< 2.50 m/s²**

Tank Capacities

Engine Oil	**5.5 L** 1.5 gal
Hydraulic Oil	**170 L** 44.9 gal
Fuel Tank	**195 L** 51.5 gal

Other

Steering Wheels (Front/Rear)	**2 / 2**
Drive Wheels (Front/Rear)	**2 / 2**
Safety Cab Homologation	**FOPS Level 2 Cab**

KEY FEATURES



RTH23-3.5

ONE MACHINE. MULTIPLE SOLUTIONS.

The RTH23-3.5 telehandler is engineered with advanced drive and steering technology, delivering precise control and outstanding maneuverability across a wide range of jobsite conditions.

CLOSED HYDROSTATIC SYSTEM

The product adopts closed static pressure, four-wheel drive four-wheel steering walking system; it can achieve four-wheel steering, crab walking and other walking modes.

THREE STEERING MODES

The RTH23-3.5 offers three selectable steering modes to match any working condition:

1. Front Wheels Steering
2. Four Wheels Steering
3. Crab Steering

RTH23-3.5





DURABILITY
BUILT TO WORK HARD

VERSATILITY
ONE MACHINE, MULTIPLE TASKS

PRODUCTIVITY
HIGHER OUTPUT, LESS DOWNTIME

SAFETY
DESIGNED TO PROTECT OPERATORS AND EQUIPMENT

**Lift height and capacity may vary by variant and model. Terms and conditions apply.*

Technical Support and Service

Service, parts and training for the equipment's entire operating life



RHINO EQUIPMENT® Technical Support and Service

The RHINO RTH23-3.5 is backed by the technical support of RHINO EQUIPMENT®, a brand committed to delivering machinery solutions designed for demanding applications, with a comprehensive focus on availability, reliability and support throughout the equipment's entire operating life.

RHINO EQUIPMENT®'s support includes technical assistance, parts supply, specialized guidance and training, providing customers with the tools needed to operate and maintain the equipment safely, efficiently and in a manner suited to their working conditions.

RHINO EQUIPMENT® provides support for component identification, preventive and corrective maintenance recommendations, technical guidance and assistance in resolving requirements related to equipment operation. Parts and components are also available, subject to availability and to the corresponding manufacturing, consolidation and shipping lead times.

As part of customer support, training programs may be offered for operators and technical staff, focused on good operating practices, preventive maintenance, safety and making proper use of the RHINO RTH23-3.5's capabilities.

This approach means the customer isn't just purchasing a machine, but a solution backed by a manufacturer and a technical support structure designed to contribute to greater availability, productivity and service life for the equipment.

RHINO EQUIPMENT® — Technology, backing and support to work with confidence.

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