RHINO EQUIPMENT

RTH35-3.5



PRODUCT DATA SHEET

RTH35-3.5

Telehandler — Telescopic Handler
Miniature Bodywork / Flexible Operation

Telehandler RTH35-3.5

Miniature Bodywork / Flexible Operation



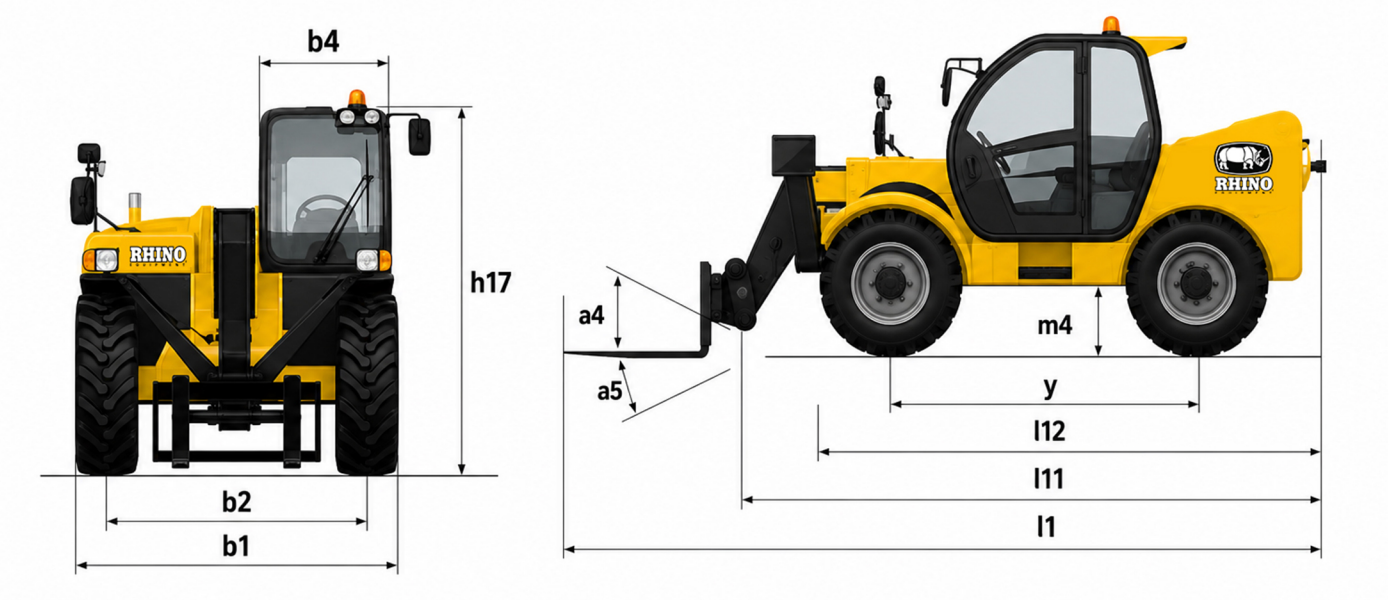
LIFTING HEIGHT	RATED LOAD	ENGINE POWER	TIRE
10,600 mm	3,500 kg	77.3 kW	16/70-20
34.78 ft	7,716 lb	103 hp	Pneumatic

The **RHINO RTH35-3.5** is a telehandler designed to combine a miniature bodywork with flexible on-site operation. With a lifting height of **10.6 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 RTH35-3.5 telehandler



CODE	DESCRIPTION	METRIC	IMPERIAL
l11	Overall Length to Carriage (Excl. Forks)	**5.8 m**	19.03 ft
l1	Length to Face of Forks	**7.0 m**	22.97 ft
l12	Min. Transport Size	**5.05 m**	16.57 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

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

Technical Specifications

Capacities, dimensions and performance — metric and imperial values

Capacities	
Max. Capacity	**3,500 kg** 7,716 lb
Max. Lifting Height	**10.6 m** 34.78 ft
Max. Outreach	**5.7 m** 18.7 ft

Weight and Dimensions		
l11	Overall Length to Carriage (Excl. Forks)	**5.8 m** 19.03 ft
l1	Length to Face of Forks	**7.0 m** 22.97 ft
l12	Min. Transport Size	**5.05 m** 16.57 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
	Unladen Weight (with Fork)	**9,500 kg** 20,944 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**

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

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)	**77.3 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	YCD4M22T-105
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)	**4 / 4**
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



RTH35-3.5

ONE MACHINE. MULTIPLE SOLUTIONS.

ROBUST HEAVY-DUTY FRAME

From the beginning, the toughest applications were the measure of all things for the development of Hank telehandlers. Based on the know-how from wheel loader development, the machines were consistently designed for robustness and reliability. This can be seen, for example, in the torsionally rigid heavy-duty frame, which, due to its closed design and large material thicknesses, can safely absorb the high payloads of the machines.



RTH35-3.5



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 RTH35-3.5 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 RTH35-3.5'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.

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