



RHINO
EQUIPMENT®

RTH45-5



PRODUCT DATA SHEET

RTH45-5

Telehandler — Telescopic Handler
Miniature Bodywork / Flexible Operation

Telescopic Handler **RTH45-5**

Compact Structure / Flexible Operation



LIFT HEIGHT

13,800 mm

45.28 ft

RATED CAPACITY

5,000 kg

11,023 lb

ENGINE POWER

91 kW

122 hp

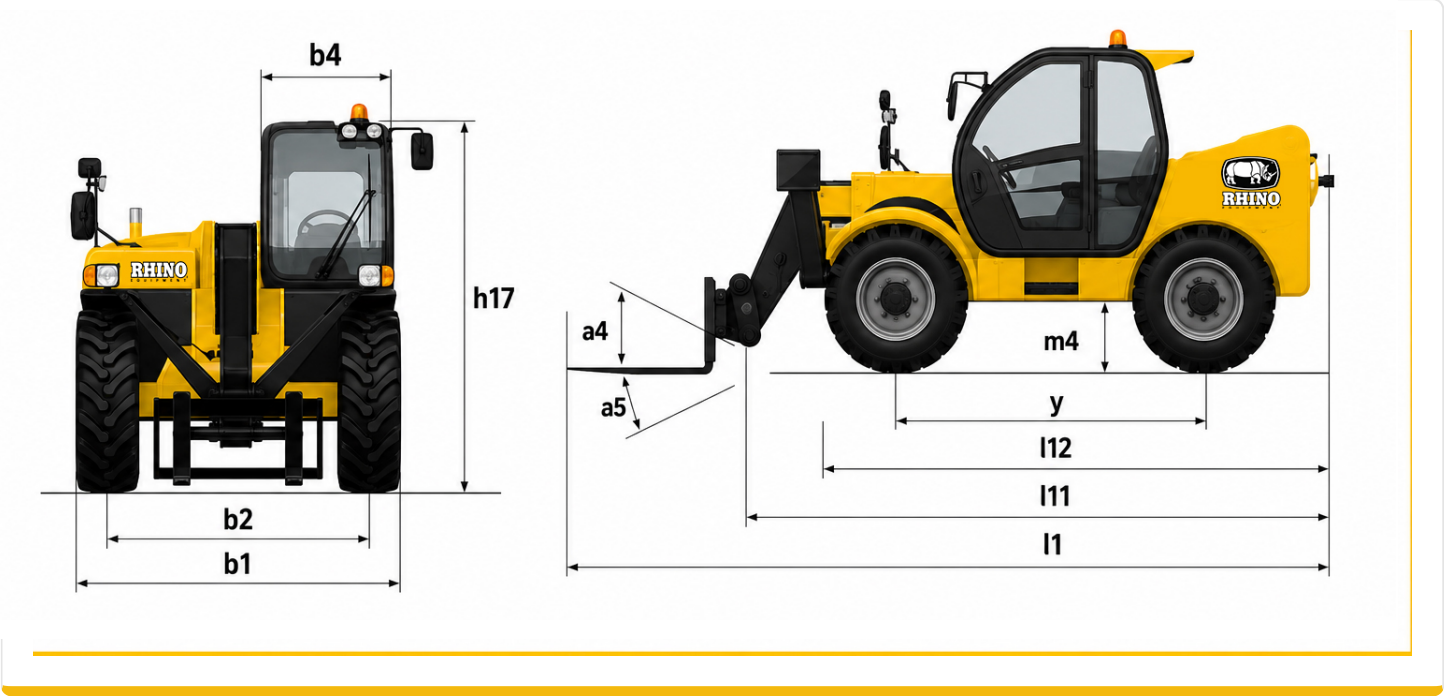
TIRES

440/80-24

Tubeless

The **RHINO RTH45-5** is a telescopic handler designed to combine a compact structure with flexible on-site operation. With a lift height of **13,8 mm** and a rate capacity of **5,000 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.

Dimension Diagram



CODE	DESCRIPTION	METRIC	IMPERIAL
l11	Overall Length to Carriage (without Forks)	6,40 m	21,00 ft
l1	Length to Face of Forks	7,62 m	25,00 ft
l12	Min. Transport Size	6,30 m	20,67 ft
b1	Overall Width	2,35 m	7,71 ft
b2	Track Width	1,90 m	6,23 ft
h17	Overall Height	2,65 m	8,69 ft
y	Wheelbase	3,60 m	11,81 ft
m4	Ground Clearance	0,38 m	1,25 ft
b4	Overall Cab Width	0,84 m	2,76 ft
a4	Tilt-Up Angle	12°	12°
a5	Tilt-Down Angle	90°	90°

Technical Specifications

Capacities, dimensions and performance — metric and imperial values

Capacities		
	Máx Capacity	5,000 kg (11.023 lb)
	Max. Outreach	8,00 m (26,25 ft)
Weight and Dimensions		
I11	Overall Length to Carriage (without Forks)	6,40 m (21,00 ft)
I1	Length to Face of Forks	7,62 m (25,00 ft)
I12	Min. Transport Size	6,30 m (20,67 ft)
b1	Overall Width	2,35 m (7,71 ft)
b2	Track Width	1,90 m (6,23 ft)
h17	Overall Height	2,65 m (8,69 ft)
y	Wheelbase	3,60 m (11,81 ft)
m4	Ground Clearance	0,38 m (1,25 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)	4,10 m (13,45 ft)
	Unladen Weight (with Fork)	13,300 kg (29.321 lb)
	Tires Type	Tubeless
	Standard Tires	440/80-24
	Fork Length	1.220 mm (48,03 in)
	Fork Width	125 mm (4,92 in)
	Fork Section (Thickness)	50 mm (1,97 in)
Performance		
	Lifting	26 s
	Lowering	26 s
	Extension	29 s
	Retraction	17 s
	Crowd	9 s
	Dump	9 s

Technical Specifications (continued)

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

Engine	
Engine Brand	Yuchai (Optional Brand)
Engine Emission Norm	National II
Max. Fuel Sulphur Content	5.000 ppm
Engine Model	YCD4J22T-125
Number of Cylinders	4 units
Cylinder Capacity (Displacement)	4.400 cm ³ (268,5 in ³)
Engine Power Rating (as Published)	91 kW (122 hp)
Max. Torque	400 Nm (295,0 lb-ft)
Engine Rotation (at Max. Torque)	1.400 rpm
Drawbar Pull (Laden)	10,000 daN (22.481 lbf)
Transmission	
Transmission Type	Torque Converter (Optional Hydrostatic)
Number of Gears (Fwd/Rev)	4/4
Max. Travel Speed	40,0 km/h (24,9 mph)
Parking Brake	Automatic Air-Cut Brake (Optional Wet Disc Braking)
Service Brake	Immersed Multi-Discs Braking on Front & Rear Axles
Hydraulics	
Hydraulic Pump Type	Gear Pump (Optional Piston/Plunger Pump)
Hydraulic Reservoir (Flow)	150,0 L (39,6 US gal)
Tank Capacities	
Engine Oil	5,5 L (1,5 US gal)
Hydraulic Oil	170,0 L (44,9 US gal)
Fuel Tank	195,0 L (51,5 US gal)
Noise and Vibration	
Noise at Driving Position (LpA)	82 dB
Noise to Environment (LwA)	105 dB
Vibration on Hands/Arms	< 2.50 m/s ²
Other	
Steering Wheels (Front/Rear)	2 / 2
Drive Wheels (Front/Rear)	2 / 2
Safety Cab Homologation	FOPS Level 2 Cab

AVAILABLE VARIANTS

At Rhino Equipment, we understand that every industry and application has unique needs. That's why we offer specialized variants of our RTH45-5 telescopic handler, designed to maximize performance, safety and durability in the most demanding conditions.



ONE MACHINE. MULTIPLE SOLUTIONS.

AGRIHANDLER

The AGRIHANDLER variant is designed for agricultural environments — ideal for handling dusty materials and fuels.

- | | |
|---------------------|--------------------|
| 1 Reversible fan | 5 Boom wiper seal |
| 2 Battery isolator | 6 New belly plate |
| 3 Grain bucket | 7 Roof-mounted A/C |
| 4 Fire extinguisher | 8 Exhaust cover |

WASTEMASTER

The WASTEMASTER variant is specially designed for the waste-recycling industry, tackling challenges such as structural damage and tire punctures.

- | | |
|----------------------------|-------------------------|
| 1 Solid tires | 4 Fully guarded machine |
| 2 Heavy-duty axle | 5 Front fenders |
| 3 Front & roof glass guard | 6 Boom wiper & guard |

MULTIFUNCTIONAL CAPABILITIES

The RTH45-5 telescopic handler is designed to adapt to a wide range of attachments, enabling multiple tasks with a single machine — increasing productivity and reducing operating costs.

- ✓ Work platform / man basket
- ✓ Grapple bucket
- ✓ Standard bucket
- ✓ Pallet forks
- ✓ And more attachments available



 **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 RTH45-5 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 RTH45-5'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.