RHINO EQUIPMENT®

RTH45-4



PRODUCT DATA SHEET

RTH45-4

Telehandler — Telescopic Handler
Miniature Bodywork / Flexible Operation

RHINO EQUIPMENT

Telescopic Handler RTH45-4

Compact Structure / Flexible Operation

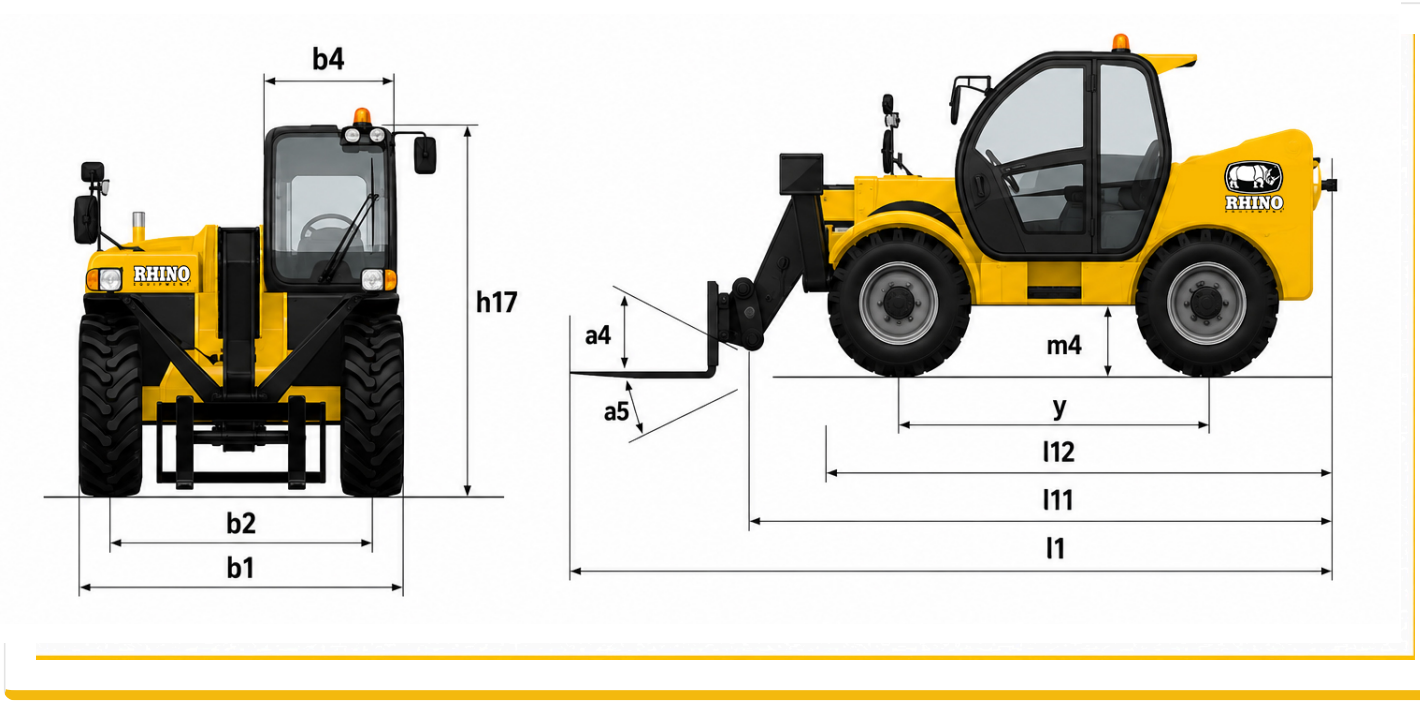


LIFT HEIGHT	RATED CAPACITY	ENGINE POWER	TIRES
13,800 mm	4,000 kg	85 kW	440/80-24
45.28 ft	8.818 lb	114 hp	Tubeless

The **RHINO RTH45-4** 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 **4,000 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.

All references and images in this catalog are subject to change or modification without prior notice by Rhino Equipment®

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	5,60 m	18,37 ft
b1	Overall Width	2,35 m	7,71 ft
b2	Track Width	1,95 m	6,40 ft
h17	Overall Height	2,55 m	8,37 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		4,000 kg (8.818 lb)
Max. Outreach		7,00 m (22,97 ft)
Weight and Dimensions		
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	5,60 m (18,37 ft)
b1	Overall Width	2,35 m (7,71 ft)
b2	Track Width	1,95 m (6,40 ft)
h17	Overall Height	2,55 m (8,37 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)	13,000 kg (28.660 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		16 s
Lowering		12,4 s
Extension		17,3 s
Retraction		13 s
Crowd		4,8 s
Dump		4,0 s

Technical Specifications (continued)

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

Engine	
Engine Brand (optional)	Rhino (Cummins)
Engine Emission Norm	Rhino Stage 3 (Cummins T4 and Euro 5 or Perkins T4 and Euro 5)
Max. Fuel Sulphur Content	5.000 ppm
Engine Model	YCD4J22T-115
Number of Cylinders	4 units
Cylinder Capacity (Displacement)	4.400 cm³ (268,5 in³)
Engine Power Rating (as Published)	85,0 kW (114,0 hp)
Max. Torque	400 Nm (295,0 lb-ft)
Engine Rotation (at Max. Torque)	1.400 rpm
Drawbar Pull (Laden)	9,930 daN (22.324 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)	79 dB
Noise to Environment (LwA)	106 dB
Vibration on Hands/Arms	< 2.50 m/s²
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 RTH45-4 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
2. Battery isolator
3. Grain bucket
4. Fire extinguisher
5. Boom wiper seal
6. New belly plate
7. Roof-mounted A/C
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
2. Heavy-duty axle
3. Front & roof glass guard
4. Fully guarded machine
5. Front fenders
6. Boom wiper & guard

MULTIFUNCTIONAL CAPABILITIES

The RTH45-4 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 RTH45-4 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 RTH45-4'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.