

# TRENCH ROLLERS

LIGHT COMPACTION EQUIPMENT



*One Tough Animal*

# FULL-ON COMPACTION

► **TWO MACHINES, INFINITE POSSIBILITIES**  
Operated using solar-powered remote control for maximum comfort and visibility. Both machines are robust, but they are also surprisingly agile.



Automated Compaction Measurement System for real-time feedback on soil stiffness

Infrared remote controlled for maximum safety and comfort

Consistent output and smooth start and stop – thanks to the hydrostatic drive and hydromechanical brakes

Dual amplitude vibratory system in the drums further enhances versatility

Maintenance-free articulation joint with oscillation guarantees continuous ground contact

TR75 is available with optional drum extensions, making the machine extremely versatile

## TR75



► **ARTICULATED JOINT**  
Maintenance-free articulation joint with oscillation provides unmatched stability and perfect ground coverage.



► **DUAL AMPLITUDE**  
Two amplitude settings and centrifugal weights allow the TR75 to excel on a range of materials and job sites.



Choose from multiple control versions to best fit your job site: Infrared remote, manual, cable control, or the combination of these

Central lifting point for easy transport around the job site and placement in the trench

Engine and service points are easy to access thanks to the large wide-opening hood

Eccentric shaft located in the middle of the machine frame provides unprecedented compaction output

## TR85S



► **ON-SPOT-TURNING**  
The TR85S brings high compaction output even to confined job sites, allowing you to turn 360° with skid-steer concept.



► **IMPRESSIVE POWER**  
With the vibration system positioned centrally, the TR85S provides one of the best compaction outputs on the market.



# COMFORTABLE AND EFFICIENT



## ► REMOTE CONTROL

Using solar-powered remote control allows operators to stay at a comfortable distance from the trench roller, eliminating vibrations altogether. Up to 10 devices can work on a single job site without signal interference.

What's more, several features ensure that you always stay in control of the machine: engine turns off automatically when the distance becomes too short or too long, and infrared technology stops the machine if you lose visual contact.



## ► APPLICATIONS

A small machine tackling big challenges. Bobcat's trench rollers are exceptionally versatile machines thanks to their high productivity and adjustable performance. After all, it's not the size – it's how many ways you can use it.

- Pipeline construction
- Commercial, residential and industrial development
- Structure backfill work
- Confined work spaces
- Electric and cable installation
- Dumpsite and landfill job sites

## ► COMPACTION MEASUREMENT SYSTEM

Take the guesswork out of compaction. With Bobcat's Compaction Measurement System, available for the TR75, you get clear visual feedback on the soil's stiffness in real-time. Knowing exactly when the desired compaction has been achieved boosts your productivity and efficiency.





# DURABLE AND VERSATILE



**EASY SERVICING**  
Thanks to wide hood openings, all service points are easily accessible and daily maintenance is fast. The innovative design of the articulation joint on the TR75 requires no maintenance at all, while the TR85S doesn't need spare V-belts or lubrication points, thanks to its fully hydraulic drive.



**RIGHT TOOL FOR THE JOB**  
Trench work is a challenging task. To make sure you are well equipped, both Trench rollers offer 2 drum width options. Need even more versatility? The TR75 can be adjusted right at the job site, thanks to the optional drum extensions.



**EFFICIENT ENGINE**  
At the heart of both trench rollers is the efficient and powerful engine. The Yanmar engine in the TR75 features reduced noise levels and optimal diesel consumption, while the TR85S's Hatz engine is a robust and time-proven powerhouse.

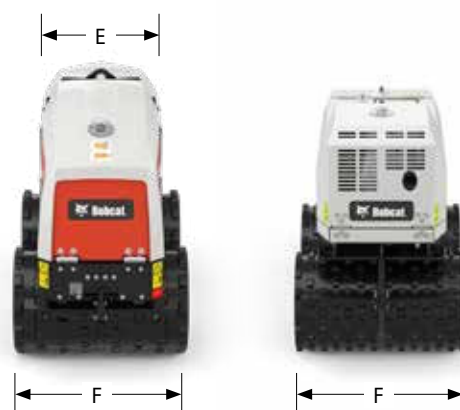
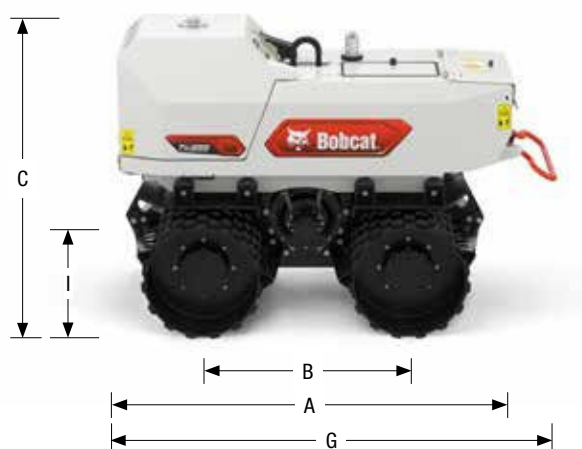
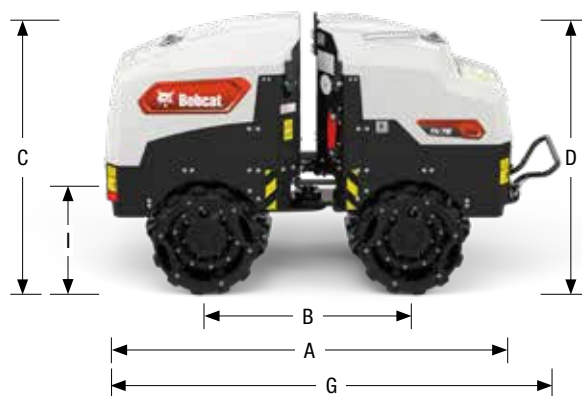




# SPECIFICATIONS

SPECIFICATIONS		
	TR75	TR85S
WEIGHT & DIMENSIONS		
A Machine length	1 980 mm	1 520 mm
B Wheelbase	1 000 mm	850 mm
C Machine height	1 317 mm	1 230 mm
D Machine height (hood)	1 282 mm	–
E Machine width	601 mm	–
F Drum width	640 / 850 mm	630 / 850 mm
G Machine length incl. handle	2 227 mm	1 780 mm
I Drum diameter	525 mm	500 mm
Operating weight	1 340 / 1 450 kg	1 305 / 1 395 kg
Oscilation angle	± 7°	–
Working speed	1.4 km/h	1.1 km/h
Travel speed	2.8 km/h	2.5 km/h
Climbing ability	30%	
Turning radius inner	1 540 / 1 440 mm	0 mm (on spot)
Turning radius outer	2 190 / 2 290 mm	–
ENGINE		
Manufacturer	Yanmar 3TNV80F	Hatz 2 G 40
Power output	14.6 kW / 19.6 HP	13.2 kW / 17.7 HP
Engine complies with emission regulations	EU Stage V	EU Stage IIIA
Maximum torque	68.4/1 800 Nm/rpm	-/2 550 Nm/rpm
No. of cylinders	3 / water cooling	2 / air cooling
Drive system	Hydrostatic	
COMPACTION FORCES		
Frequency	40 Hz	30 Hz
Amplitude	1.1 / 0.6 mm	2.4 mm
Centrifugal force	75 / 36 kN	86 kN
MISCELLANEOUS		
Fuel tank capacity	28 l	24 l
Hydraulic oil capacity	16 l	53 l

Certain specifications are based on engineering calculations and are not actual measurements. Specifications are provided for comparison purposes only and are subject to change without notice. Specifications for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.



# Bobcat®


**Bobcat is a Doosan Company.**

Doosan is a global leader in construction equipment, power & water solutions, engines, and engineering proudly serving customers and communities for more than a century. I Bobcat and the Bobcat logo are registered trademarks of Bobcat Company in the United States and various other countries.  
©2021 Bobcat Company. All Rights Reserved.



# GET **A QUOTE**

Simply click **the button** or scan **the QR code** below to access our quote request form.

We will contact you as soon as possible.  
Thank you!



**REQUEST QUOTE** >