

HYDROSTATIC PLATES

LIGHT COMPACTION EQUIPMENT



One Tough Animal

HARNESSED POWER

▶ ADVANCED COMPACTION TECHNOLOGY

Built with a fully hydraulic drive, these plates achieve best-in-class control while providing significantly more power than mechanical alternatives. Triple-shaft technology enables smooth movement even through heavy, saturated soils.



▶ MIGHTY AND FAST

Fast working speeds and strong compaction forces make plates excel on many job sites and in many applications.



▶ SMART COMPACTION

Achieve top productivity with an automated compaction measurement system traditionally used on heavier machines.

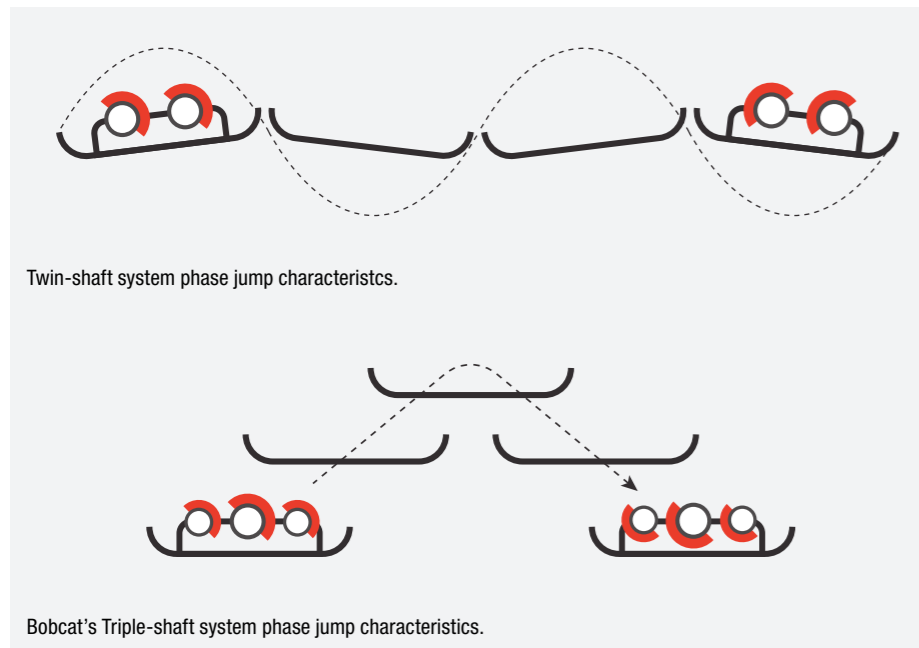


PERFORMANCE



► COMPACTION MEASUREMENT SYSTEM

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



Twin-shaft system phase jump characteristics.

Bobcat's Triple-shaft system phase jump characteristics.

► TRIPLE SHAFT TECHNOLOGY

Additional shaft placed in the middle enables smooth travel and consistent drive. This also helps plates overcome steep grades and stay above the surface on saturated soils.

/// TRIPLE SHAFT



► APPLICATIONS

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

- Soil / earthwork
- Set paved roads / paving stones
- Trench work
- Road construction
- Foundation work
- Civil engineering
- Landscaping

► BUILT TO LAST

Bobcat's construction equipment has always set the standard for durability and reliability. The selection of high-quality components and protective covers is made to keep the hydrostatic plates in the field, day after day.

EASY TO USE



► OUTSTANDING ACCURACY

Designed to excel even in confined areas or corners, thanks to its high-accuracy Orbitrol steering control. By turning the drive knob on the handle, the direction and speed are controlled with high precision, allowing you to change direction smoothly or to hover and compact on-the-spot.



► COMFORTABLE GRIP

To further improve operator's comfort, the guide handle ensures very low vibration levels. This not only makes work days more comfortable but also eliminates additional paperwork.



► FROM BEGINNERS TO PROS

Intuitive machine controls make our hydrostatic plates easily accessible to new users. Plus, features such as the emergency stop button, which shuts down the drive system when activated, guarantee maximum safety on the job site.



► EASY TRANSPORT

Lifting and transport are easy and fast thanks to conveniently placed tiedown points and a central hook, securely integrated into the machine's frame.



► EFFORTLESS START

Get the plate up and running reliably thanks to 2 starting systems: the optional electric start sets you up in seconds, while a securely stored hand crank is available as a backup.

OPTIONS

OPTIONS	HP50.75	HP55.75	HP60.85	HP65.85
Extension plates	75 mm / 150 mm	75 mm / 150 mm	75 mm / 150 mm	75 mm / 150 mm
Operation hour meter	•	•	•	•
Electric starter	•	•	•	•
Emergency stop (standard with E-start)	•	•	•	•
Compaction Measurement System	•	•	•	•



► EXTENSION PLATES

For additional versatility, you can quickly increase the compaction area with easy-to-mount extensions.



► EMERGENCY STOP

For added peace of mind, handle can be equipped with an emergency stop that shuts off the drive system, if required.



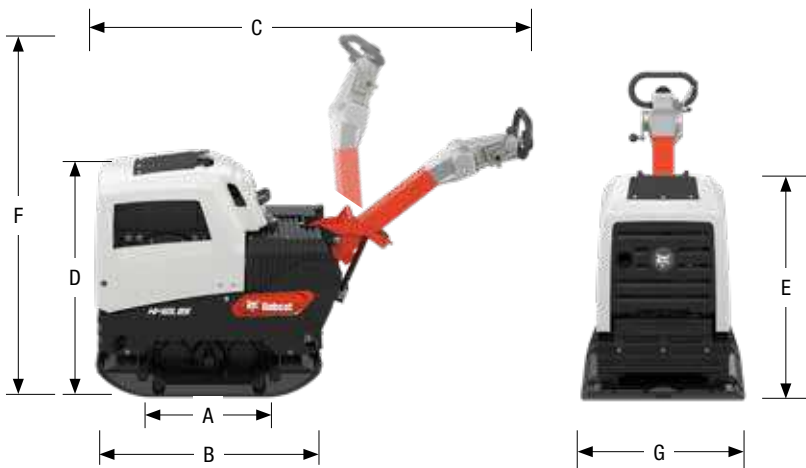
► SMART COMPACTION SYSTEM

Raise your productivity to the next level. With our Compaction Measurement System, you get a real-time precise measurement of the material stiffness achieved. With clear visual feedback of your work, you can deliver an even surface while saving on fuel, labor and machine wear.



SPECIFICATIONS

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	HP50.75	HP55.75	HP60.85	HP65.85
WEIGHT & DIMENSIONS		TRIPLE SHAFT		TRIPLE SHAFT
Machine weight	350 kg	362 kg	464 kg	471 kg
A Base plate length	450 mm	450 mm	470 mm	470 mm
B Machine length	900 mm	900 mm	930 mm	930 mm
C Machine length with handle	1 600 mm	1 600 mm	1 840 mm	1 840 mm
D Machine height	820 mm	820 mm	905 mm	905 mm
E Handle height (work)	1 000 mm	1 000 mm	1 000 mm	1 000 mm
F Handle height (transport)	1 500 mm	1 500 mm	1 500 mm	1 500 mm
G Machine width	450/600/750 mm	450/600/750 mm	550/700/850 mm	550/700/850 mm
ENGINE				
Engine	Hatz Supra 1D50S	Hatz Supra 1D50S	Hatz Supra 1D81S	
Fuel	Diesel	Diesel	Diesel	Diesel
Engine output at RPM	7 kW at 3 200	7 kW at 3 200	10.1 kW at 3 000	10.1 kW at 3 000
Fuel consumption	1.7 l/h	1.7 l/h	2.5 l/h	2.5 l/h
COMPACTION FORCES				
Max. vibration frequency	70 Hz	70 Hz	69 Hz	55 Hz
Max. centrifugal force	50 kN	55 kN	60 kN	65 kN
Surface capacity	1 125 m ² /h	1 215 m ² /h	1 428 m ² /h	163 m ² /h
Max. surface pressure	24.7 N/cm ²	27.2 N/cm ²	23.2 N/cm ²	25.1 N/cm ²
MISCELLANEOUS				
Speed	25 m/min	27 m/min	28 m/min	32 m/min
Fuel tank capacity	5 l	5 l	7 l	7 l
Gradeability	36%	36%	36%	36%
Max. incline to all sides	30°	30°	30°	30°
Amplitude	1.7 mm	2.3 mm	1.9 mm	3.9 mm



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.



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