



**Bobcat**®

**Light Compaction Equipment**

Rammers | Forward Plates  
Reversible Plates | Trench Rollers



***One Tough  
Animal***®

# **IF YOU HAVE THE WILL, WE HAVE THE WAY.**

Bobcat created the first compact loader in 1958 and unleashed an entire industry with it. Today, Bobcat is more than a single type of machine; it's a brand that's dedicated to breaking down your barriers to productivity and profit. Bobcat is expanding its presence in the light compaction equipment industry. With our new line of light compaction equipment, we continue to revolutionize how the world works by helping generations of hard-working people accomplish more.





105 dB

**Bobcat**  
FI-15.50

# THE RIGHT FIT FOR YOUR JOBSITE

These high-productivity machines are powerful, robust, easy to operate and simple to maintain. Their clever design makes short work of any compaction tasks on all terrains.



**TRENCH ROLLERS**

**REVERSIBLE PLATES**

MACHINE MODEL	THICK PAVEMENT BLOCKS >10 CM	SMALL PAVEMENT BLOCKS <10 CM	ASPHALT WITH WATER SPRINKLER SYSTEM	SAND/GRAVEL	MIXED SOIL	COHESIVE SOIL	HUMID SOIL	ROCKFILL
R60P	-	-	-	17.7 in. (450 mm)	17.7 in. (450 mm)	21.6 in. (550 mm)	19.7 in. (500 mm)	-
R68P	-	-	-	17.7 in. (450 mm)	17.7 in. (450 mm)	21.6 in. (550 mm)	19.7 in. (500 mm)	-
FP10.33	-	✓	✓	3.9 in. (100 mm)	3.9 in. (100 mm)	●	●	-
FP15.40	-	✓	✓	7.9 in. (200 mm)	5.9 in. (150 mm)	●	●	-
FP15.50	-	✓	✓	5.9 in. (150 mm)	3.9 in. (100 mm)	●	●	-
RP22.40	-	✓	●	11.8 in. (300 mm)	9.8 in. (250 mm)	●	●	-
RP30.50	✓	✓	●	15.7 in. (400 mm)	13.8 in. (350 mm)	●	●	3.9 in. (100 mm)
RP49.20D	✓	✓	●	19.7 in. (500 mm)	17.7 in. (450 mm)	7.9 in. (200 mm)	11.8 in. (300 mm)	7.9 in. (200 mm)
TR75	-	-	-	9.8 in. (250 mm)	9.8 in. (250 mm)	7.9 in. (200 mm)	7.9 in. (200 mm)	-

Suitable ✓

Suitable With Restrictions ●

Not Suitable -

Figures in inches/millimeters represent theoretical compaction depth under ideal soil conditions (compaction capacities differ due to unpredictable soil conditions).



**FORWARD PLATES**

**RAMMERS**

# RAMMERS

# PURE COMPACTION POWER

Thanks to their robust and reliable engines, our rammers deliver high compaction power, while the clever engineering design keeps their center of gravity low for optimal balance.

The handle's design enables the operator to work with precision even in tight spaces.

Fluid indicators are easy to view, and daily service points require no tools to be accessed.

A low center of gravity provides great machine balance and controllability.

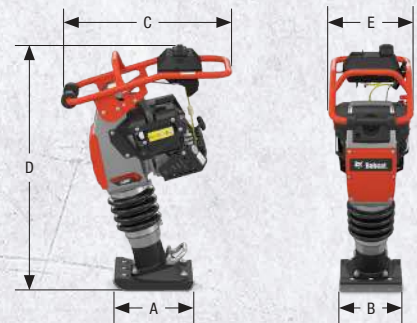
A wide selection of foot sizes to fit every jobsite.

Up to four hours of operation on a full gas tank.

Optimized gas throttle makes it easy to use.

Advanced air filtration prolongs machine life and maximizes uptime.

Key components are protected by a durable casing.



## HIGH PERFORMANCE

The machine's design ensures compaction power is fully passed to the surface. With a powerful punch at your command, you are set to conquer any challenge.



## GREAT DESIGN

The well-balanced design of Bobcat® rammers provides you with easy control, boosting your efficiency while reducing your effort.



Model	R60P	R68P
<b>Dimensions</b>		
Machine Weight	137 lb. (62 kg)	150 lb. (68 kg)
A - Foot Length	13.4 in. (340 mm)	13.4 in. (340 mm)
B - Foot Width	11.0 in. (280 mm)	11.0 in. (280 mm)
C - Handle Length	28.0 in. (710 mm)	28.0 in. (710 mm)
D - Machine Height	40.2 in. (1020 mm)	40.2 in. (1020 mm)
E - Handle Width	14.0 in. (355 mm)	14.0 in. (355 mm)
<b>Engine</b>		
Make & Model	Honda GXR 120	Honda GXR 120
Fuel	Gas	Gas
Engine Output	3.6 hp (2.7 kW) @ 4300 rpm	3.6 hp (2.7 kW) @ 4300 rpm
Fuel Consumption	0.26 gal./hr. (1.0 L/hr.)	0.26 gal./hr. (1.0 L/hr.)
<b>Compaction Forces</b>		
Percussion Rate	11.3 Hz	11.3 Hz
Stroke Height	2.6 in. (65 mm)	2.6 in. (65 mm)
Centrifugal Force	2585 lbf. (11.5 KN)	2923 lbf. (13.0 KN)
Surface Capacity	2441 ft. <sup>2</sup> /hr. (226.8 m <sup>2</sup> /hr.)	2441 ft. <sup>2</sup> /hr. (226.8 m <sup>2</sup> /hr.)
Max. Compaction Performance*	17.7 in. (450 mm)	19.7 in. (500 mm)
<b>Miscellaneous</b>		
Fuel Tank Capacity	0.8 gal. (3.2 L)	0.8 gal. (3.2 L)
Travel Speed	0.5 mph (0.8 km/hr.)	0.5 mph (0.8 km/hr.)
Width of Optional Foot Sizes	6.4, 7.8, 9.0, 11.0, 13.0, 13.3, 15.7 in. (165, 200, 230, 280, 330, 340, 400 mm)	6.4, 7.8, 9.0, 11.0, 13.0, 13.3, 15.7 in. (165, 200, 230, 280, 330, 340, 400 mm)
<b>Machine Features</b>		
Cyclone Pre-Filter	Opt**	Opt**
Transport Wheels	Opt**	Opt**
Hour Counter	Opt**	Opt**

\*Depending on ground conditions.  
 \*\*Ask your Bobcat dealer about installing this option.

## FORWARD PLATES

# AGILE ALL-ROUNDER

Their small size and maneuverability make our forward plates especially suitable for tight-fitting areas.

Low hand-arm vibration (HAV) handle enhances operator comfort by reducing unwanted vibrations.

Added versatility on even the most demanding jobsites with optional transport wheels.

Fully protected V-belt supplies maximum compaction for maximum uptime.

High-performance vibratory system extends service intervals and reduces cost of ownership.

Machines operated under typical working conditions require no base plate service during their lifetime.



### EFFICIENT ENGINES

Equipped with durable and efficient Honda engines, our range of forward plates provides maximum power while minimizing fuel consumption.



### LOW RUNNING COSTS

Spend less on taking care of your equipment, thanks to its rugged construction and premium materials.





Model	FP10.33	FP15.40	FP15.50
<b>Dimensions</b>			
Machine Weight	119 lb. (54 kg)	176 lb. (80 kg)	185 lb. (84 kg)
Machine Weight With Sprinkler & Optional Wheels	119 lb. (54 kg)	196 lb. (89 kg)	205 lb. (93 kg)
A - Machine Length	25.8 in. (655 mm)	27.6 in. (700 mm)	27.6 in. (700 mm)
B - Machine Length With Handle	44.5 in. (1130 mm)	40.2 in. (1020 mm)	40.2 in. (1020 mm)
C - Base Plate Length	19.5 in. (495 mm)	22.0 in. (559 mm)	22.0 in. (559 mm)
D - Ground Contact Length	13.4 in. (341 mm)	13.9 in. (352 mm)	13.9 in. (352 mm)
E - Machine Height	20.0 in. (507 mm)	26.3 in. (667 mm)	26.3 in. (667 mm)
F - Handle Height (work)	36.7 in. (932 mm)	38.4 in. (976 mm)	38.4 in. (976 mm)
G - Handle Height (transport)	43.3 in. (1100 mm)	29.0 in. (736 mm)	29.0 in. (736 mm)
H - Machine Width	13.0 in. (330 mm)	15.7 in. (400 mm)	19.7 in. (500 mm)
<b>Engine</b>			
Make & Model	Honda GX 120	Honda GX 120	Honda GX 120
Fuel Type	Gas	Gas	Gas
Fuel Consumption	0.26 gal./hr. (1.0 L/hr.)	0.26 gal./hr. (1.0 L/hr.)	0.26 gal./hr. (1.0 L/hr.)
Engine Output	3.5 hp (2.6 kW) @ 3600 rpm	3.5 hp (2.6 kW) @ 3600 rpm	3.5 hp (2.6 kW) @ 3600 rpm
<b>Compaction Forces</b>			
Max. Vibration Frequency	100 Hz	100 Hz	100 Hz
Max. Centrifugal Force	2360 lbf. (10.5 KN)	3372 lbf. (15 KN)	3372 lbf. (15 KN)
Surface Capacity	4689 ft. <sup>2</sup> /hr. (435.6 m <sup>2</sup> /hr.)	6975 ft. <sup>2</sup> /hr. (648 m <sup>2</sup> /hr.)	7750 ft. <sup>2</sup> /hr. (720 m <sup>2</sup> /hr.)
Surface Pressure	13.5 psi (0.93 bar)	15.5 psi (1.06 bar)	12.4 psi (0.85 bar)
<b>Miscellaneous</b>			
Hand-Arm Vibration on Handle	36 ft./s <sup>2</sup> (11 m/s <sup>2</sup> )	<8.2 ft./s <sup>2</sup> (<2.5 m/s <sup>2</sup> )	<8.2 ft./s <sup>2</sup> (<2.5 m/s <sup>2</sup> )
Speed	0 - 0.8 mph (0 - 22 m/min.)	0 - 1.0 mph (0 - 27 m/min.)	0 - 0.9 mph (0 - 24 m/min.)
Gradeability	30%	30%	30%
Max. Incline	20°	20°	20°
Amplitude	1.3 mm	1.4 mm	1.2 mm
Fuel Tank Capacity	0.53 gal. (2.0 L)	0.53 gal. (2.0 L)	0.53 gal. (2.0 L)
Water Tank Capacity	1.32 gal. (5.0 L)	3.17 gal. (12.0 L)	3.17 gal. (12.0 L)
<b>Machine Features</b>			
Rubber Mat	-	Opt*	Opt*
Transport Wheels	-	Opt*	Opt*
Hour Counter	-	Opt*	Opt*

\*Ask your Bobcat dealer about installing this option.

# REVERSIBLE PLATES

## RELIABLE PERFORMER

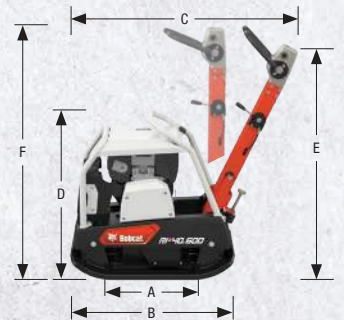
Reversible plates enable quick directional changes and compaction in tight spaces. With simple controls, high accuracy, and speeds among the fastest in its class, the machine packs a surprising punch.

Low-vibration handle ensures increased comfort for operator on the jobsite.

The handle's open design prevents incorrect lifting, protecting the machine.

Controls enable smooth changes in direction and spot compaction.

Robust frame protects key components and enables secure transport.



Wear-resistant and self-cleaning base plate for added peace of mind.

Durable twin-shaft exciter extends service intervals and prolongs plate's life.



### DESIGNED FOR PRODUCTIVITY

A twin-shaft vibratory system, combined with a well-balanced base plate, delivers evenly distributed compaction power at industry-leading working speeds.



### MAXIMUM COMPACTION OUTPUT

The design of this vibratory system allows for "on-the-spot" compaction for challenging grounds. The machine is perfect for delivering quick results, even in confined areas.



Model	RP22.40	RP30.50	RP49.20D
<b>Dimensions</b>			
Machine Weight	220 lb. (100 kg)	439 lb. (199 kg)	1049 lb. (476 kg)
A - Base Plate Length	10.0 in. (254 mm)	13.0 in. (330 mm)	17.7 in. (450 mm)
B - Machine Length	23.6 in. (600 mm)	27.6 in. (700 mm)	35.4 in. (898 mm)
C - Machine Length With Handle	44.9 in. (1140 mm)	44.9 in. (1140 mm)	58.5 in. (1485 mm)
D - Machine Height	24.6 in. (625 mm)	30.1 in. (765 mm)	32.2 in. (817 mm)
E - Handle Height (work)	39.4 in. (1000 mm)	39.4 in. (1000 mm)	39.4 in. (1000 mm)
F - Handle Height (transport)	46.5 in. (1180 mm)	46.5 in. (1180 mm)	50.6 in. (1285 mm)
G - Machine Width	15.7 in. (400 mm)	19.7 in. (500 mm)	17.7 in. (450 mm)
<b>Engine</b>			
Make & Model	Honda GX 160	Honda GX 270	Hatz 1B50 E
Fuel	Gas	Gas	Diesel
Engine Output	4.8 hp (3.6 kW) @ 3600 rpm	8.0 hp (6.0 kW) @ 3100 rpm	8.8 hp (6.6 kW) @ 2900 rpm
Fuel Consumption	0.36 gal./hr. (1.4 L/hr.)	0.55 gal./hr. (2.1 L/hr.)	0.40 gal./hr. (1.6 L/hr.)
<b>Compaction Forces</b>			
Max. Vibration Frequency	98 Hz	90 Hz	65 Hz
Max. Centrifugal Force	5171 lbf. (23 KN)	7194 lbf. (32 KN)	11,016 lbf. (49 KN)
Surface Capacity	5683 ft. <sup>2</sup> /hr. (528.0 m <sup>2</sup> /hr.)	8396 ft. <sup>2</sup> /hr. (780.0 m <sup>2</sup> /hr.)	16,953 ft. <sup>2</sup> /hr. (1575.0 m <sup>2</sup> /hr.)
Surface Pressure	32.8 psi (2.26 bar)	28.1 psi (1.93 bar)	35.1 psi (2.42 bar)
<b>Miscellaneous</b>			
Hand-Arm Vibration on Handle	<8.2 ft./s <sup>2</sup> (<2.5 m/s <sup>2</sup> )	<8.2 ft./s <sup>2</sup> (<2.5 m/s <sup>2</sup> )	<8.2 ft./s <sup>2</sup> (<2.5 m/s <sup>2</sup> )
Speed	0 - 0.8 mph (0 - 22 m/min.)	0 - 0.9 mph (0 - 26 m/min.)	0 - 1.3 mph (0 - 35 m/min.)
Fuel Tank Capacity	0.8 gal. (3.1 L)	1.4 gal. (5.3 L)	1.3 gal. (5.0 L)
Gradeability	35%	35%	30%
Max. Incline (all sides)	20°	20°	25°
Amplitude	0.9 mm	1.2 mm	2.4 mm
<b>Machine Features</b>			
Rubber Mat	Opt*	Opt*	-
Transport Wheels	Opt*	Opt*	-
Hour Counter	Opt*	Opt*	-

\*Ask your Bobcat dealer about installing this option.

# TRENCH ROLLERS

## FULL-ON COMPACTION

Operated using solar-powered remote control for maximum comfort, our trench roller is robust and agile. It features an articulating joint and oscillating drums for consistent ground contact, plus dual amplitude settings for various compaction needs.

Remote control for maximum productivity and comfort.



The dual amplitude vibratory system in the drums further enhances versatility in unique soil types and materials.

Equipped with removable drum extensions for even more versatility.

The maintenance-free articulated joint with oscillation provides continuous ground contact.



### ARTICULATED JOINT

A maintenance-free articulated joint with oscillation allows the machine's drums to maintain more contact on the ground.

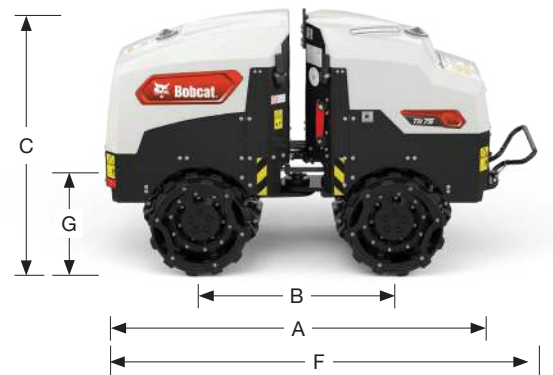


### DUAL AMPLITUDE

Two amplitude settings and centrifugal weights allow the TR75 to excel on a range of materials and jobsites.



Model		TR75
<b>Dimensions</b>		
A - Machine Length		78.0 in. (1980 mm)
B - Wheelbase		39.4 in. (1000 mm)
C - Machine Height		51.9 in. (1317 mm)
D - Machine Width		23.7 in. (601 mm)
E - Drum Width		25.2 / 33.5 in. (640 / 850 mm)
F - Machine Length With Bumper		87.7 in. (2227 mm)
G - Drum Diameter		20.7 in. (525 mm)
Machine Weight With Accessories		3197 lb. (1450 kg)
Oscillation Angle		± 7°
Inside Turning Radius		56.7 in. (1440 mm)
Outside Turning Radius		90.2 in. (2290 mm)
<b>Engine</b>		
Make & Model		Yanmar 3TNV80F
Fuel Type		Diesel
Engine Output		20.0 hp (14.6 kW)
Maximum Torque		68.4 Nm @ 1800 rpm
Drive System		Hydrostatic
No. of Cylinders (water cooling)		3
Engine Complies With Emission Regulations		EPA Tier 4 Final
<b>Compaction Forces</b>		
Max. Vibration Frequency		40 Hz
Amplitude		(1.1 / 0.6 mm)
Max. Centrifugal Force		16,860 / 8093 lbf. (75 / 36 KN)
<b>Miscellaneous</b>		
Fuel Tank Capacity		7.4 gal. (28.0 L)
Hydraulic Oil Capacity		4.2 gal. (16.0 L)
Working Speed		0.8 mph (1.4 km/hr.)
Travel Speed		1.7 mph (2.8 km/hr.)
Gradeability		30%
<b>Machine Features</b>		
Electric Starter		Std
Security Bar		Opt*
Set of Drums		Opt*
Drum Extensions		Std
Filter Kit		Opt*

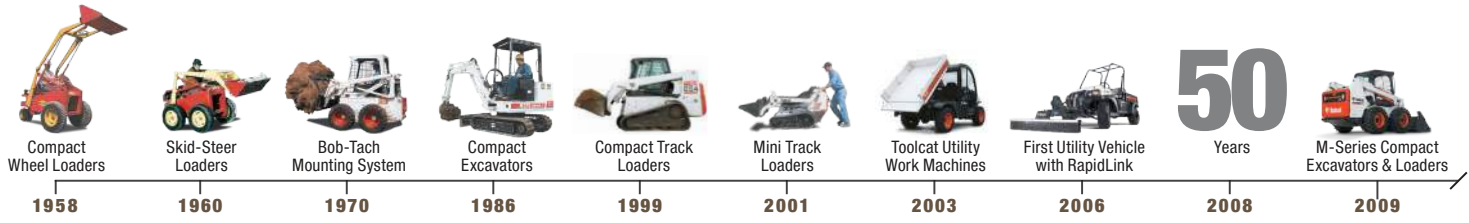


\*Ask your Bobcat dealer about installing this option.



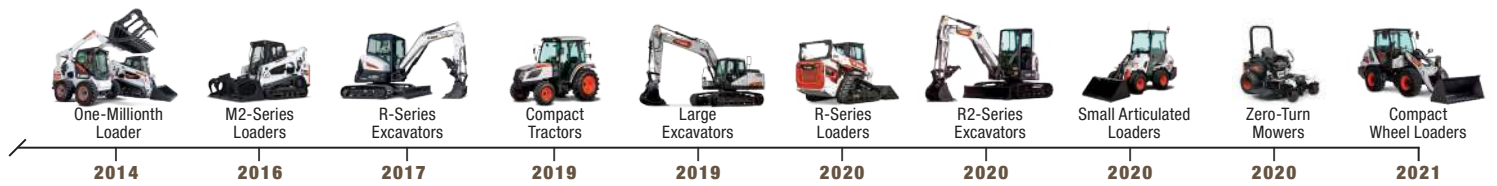
# One Tough

## B O B C A T T I M E L I N E





# h Animal<sup>®</sup>





# YOU ARE ONE TOUGH ANIMAL.®

Everything we put into Bobcat equipment is designed to make more of whatever you bring to the job. Whether it's strength, versatility, speed or agility, it's built around you.

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Where applicable, dimensions are in accordance with ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.

**DOOSAN**

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