

# FORWARD PLATES

LIGHT COMPACTION EQUIPMENT



*One Tough Animal*®

# AGILE ALL-ROUNDER

## ► DURABLE AND EASY-TO-USE

These high-productivity, robust and cleverly designed machines make short work of any compaction needs on a wide range of job sites. Their small size and maneuverability make them especially suitable for tight-fitting areas. Thanks to intuitive operation and easy maintenance, these machines are also ideal for first-time users.

Designed for maximum uptime thanks to large side covers, fully protecting the V-belts that supply the compaction power.

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

## ► ACCOMPLISH MORE

Get more done in less time, with less effort and fewer passes, keeping fuel consumption low – thanks to a full set of productivity features.



Low HAV handles enhance operator's comfort by reducing unwanted vibrations. Levels are in compliance with strictest regulations, which eliminates additional paperwork.

Added durability on even the most demanding job sites with optional transport wheels with aluminum rims.

Forward plates are equipped with high-resistant base plates that are thicker in the rear, where most wear occurs. This means that machines that operate under typical working conditions require no base plate service during their lifetime.

## ► BUILT TOUGH

Thanks to its reliable design, durable materials and a robust frame, you don't have to worry about damaging the machine, no matter where it is used.



# PERFORMANCE



## EFFICIENT ENGINES

Equipped with durable and efficient Honda engines, our range of forward plates provides maximum power while minimizing fuel consumption. The FP20.50 is available with a Honda petrol engine or a Hatz diesel engine - for top performance even in high altitudes.



## LOW RUNNING COSTS

Spend less on taking care of your equipment, thanks to its rugged construction and premium materials. Full engine frame protects the plate on the job site and during transport, extending the machine's life and uptime.

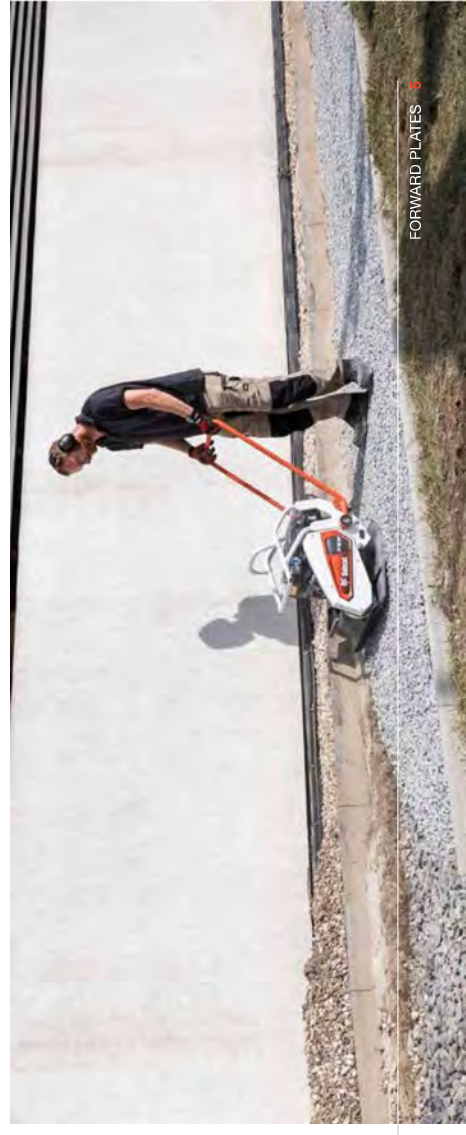


## AGILE AND NIMBLE

Limited access is access enough. Thanks to the handle and grip on the machine frame, the machine can be operated with full control even in confined spaces. The design of the base plate enables consistent results, even on steep grades.

## EASY TO TRANSPORT

The plate's compact size makes it easy to fit into any vehicle. A central, easy-to-grip hook allows you to lift the plate from trenches or load it into a vehicle effortlessly, while robust build ensures that the plate isn't damaged in transit.



# COMFORT

## HASSLE-FREE DEPLOYMENT

Thanks to low hand-arm vibration (HAV) levels, the operator's comfort is maximized while additional resource-hogging paperwork is eliminated. Additionally, the handle's foldable design makes plates easy to transport.



# CHOOSE YOUR ANIMAL

# OPTIONS

## OPTIONS

	FP10-33	FP12-40	FP15-40	FP15-50	FP20-50	FP20-50D
Rubber mat	-	•	•	•	•	•
Transport wheels	-	•	•	•	•	•
Water sprinkling system	5 l	10 l	12 l	12 l	12 l	12 l
Hour meter	-	-	•	•	•	•



### ▶ FP10-33

Weight	54 kg
Max. vibrating frequency	100 Hz
Max. centrifugal force	10.5 kN



### ▶ FP12-40

Weight	69 kg
Max. vibrating frequency	98 Hz
Max. centrifugal force	12 kN



### ▶ FP15-40

Weight	80 kg
Max. vibrating frequency	100 Hz
Max. centrifugal force	15 kN



### ▶ FP15-50

Weight	84 kg
Max. vibrating frequency	100 Hz
Max. centrifugal force	15 kN



### ▶ FP20-50

Weight	88 kg
Max. vibrating frequency	90 Hz
Max. centrifugal force	20 kN



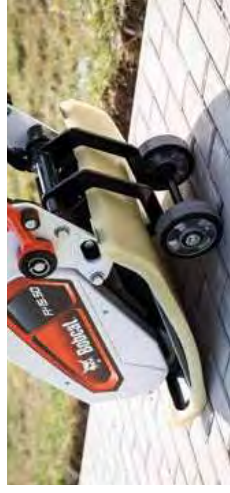
### ▶ FP20-50D

Weight	106 kg
Max. vibrating frequency	90 Hz
Max. centrifugal force	20 kN



### ▶ WATER SPRINKLING SYSTEM

A specially designed tank and sprinkler unit can be added without adjusting screws or using any tools at all. The large capacity tank extends filling intervals, while a simple switch turns sprinklers on and off.



### ▶ TRANSPORT WHEELS

Transport plates easily and quickly around job sites, thanks to durable wheels made of premium materials. You can drop the wheels in a second, using a foot release (without having to bend your back or risk pinching your fingers).



### ▶ ALWAYS ON TIME FOR SERVICE

To ensure that maintenance needs are met on time, a vibration-activated hour meter can be fitted on the grip of the plate to help you monitor work hours.

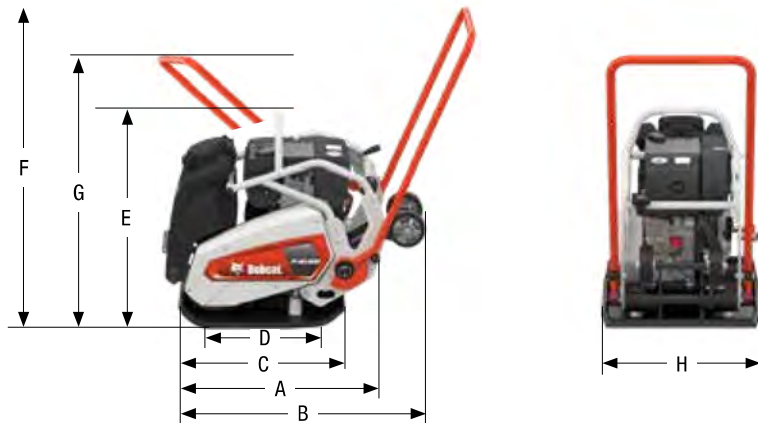


### ▶ GENTLE ON COMMAND

Optional rubber mat can be installed within a few seconds, thanks to 2 hooks that hold it securely around the plate. This enables the machine to work on paving stones without damaging the edges of the stones.

# SPECIFICATIONS

SPECIFICATIONS	FP10.33	FP12.40	FP15.40	FP15.50	FP20.50	FP20.50D
<b>DIMENSIONS &amp; WEIGHTS</b>						
Machine weight	54 kg	69 kg	80 kg	84 kg	88 kg	106 kg
Machine weight (incl. optional sprinkler & wheels)	54 kg	76 kg	89 kg	93 kg	97 kg	106 kg
A Machine length	655 mm	621 mm	700 mm	700 mm	700 mm	700 mm
B Machine length (incl. optional water tank & wheels)	635 mm	770 mm	1 075 mm	1 075 mm	1 075 mm	1 075 mm
C Base plate length	497 mm	540 mm	559 mm	559 mm	559 mm	559 mm
D Ground contact length	341 mm	371 mm	352 mm	352 mm	352 mm	352 mm
E Machine height	453 mm	514 mm	667 mm	667 mm	667 mm	674 mm
F With handle (work)	932 mm	1 000 mm	976 mm	976 mm	976 mm	976 mm
G With handle (transport)	1 100 mm	1 100 mm	736 mm	736 mm	736 mm	736 mm
H Machine width	330 mm	400 mm	400 mm	500 mm	500 mm	500 mm
<b>ENGINE</b>						
Engine	Honda GX 120			Honda GX 160		Hatz 1B20
Fuel	Petrol					Diesel
Engine output at rpm	2.9 kW @ 3 600				3.7 kW @ 3 250	3.2 kW @ 3 250
<b>COMPACTION FORCES</b>						
Max. vibration frequency	100 Hz	98 Hz	100 Hz		90 Hz	
Max. centrifugal force	10.5 kN	12 kN	15 kN		20 kN	
Surface capacity	436 m <sup>2</sup> /h	480 m <sup>2</sup> /h	648 m <sup>2</sup> /h	720 m <sup>2</sup> /h	930 m <sup>2</sup> /h	990 m <sup>2</sup> /h
Specific surface pressure	9.3 N/cm <sup>2</sup>	8.1 N/cm <sup>2</sup>	10.7 N/cm <sup>2</sup>	8.5 N/cm <sup>2</sup>	10.2 N/cm <sup>2</sup>	
<b>MISCELLANEOUS</b>						
Hand-arm vibration on handle	11 m/s <sup>2</sup>	3.0 m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>	3.1 m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>
Speed	0-22 m/min	0-20 m/min	0-27 m/min	0-24 m/min	0-31 m/min	0-33 m/min
Gradeability	30 %	30 %	30 %	30 %	30 %	30 %
Max. incline to all sides	20°	20°	20°	20°	20°	20°



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. Pictures of Bobcat units may show other than standard equipment.



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