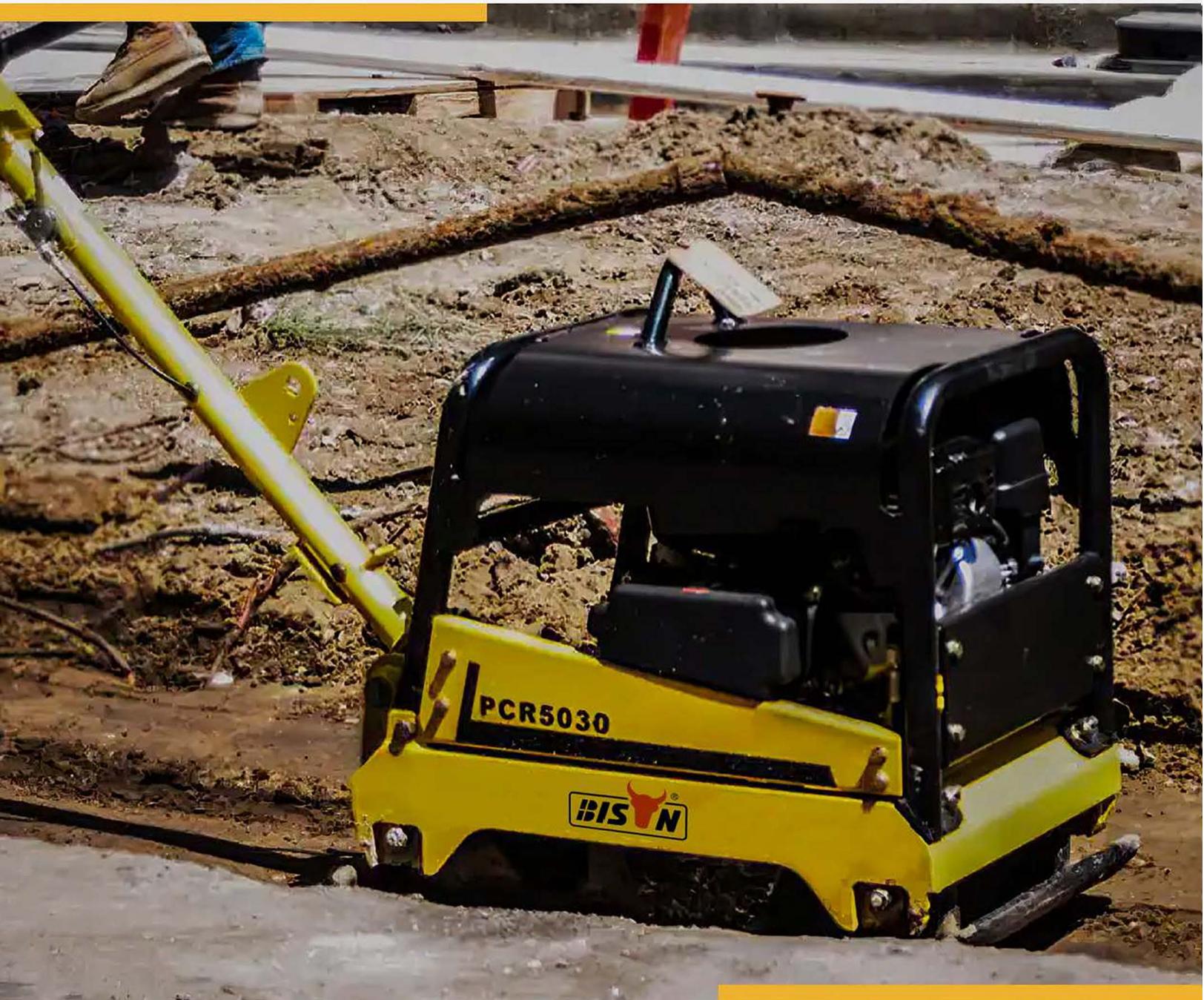


# BUILD YOUR DREAMS WITH BISON CONSTRUCTION MACHINES.



# CATALOG

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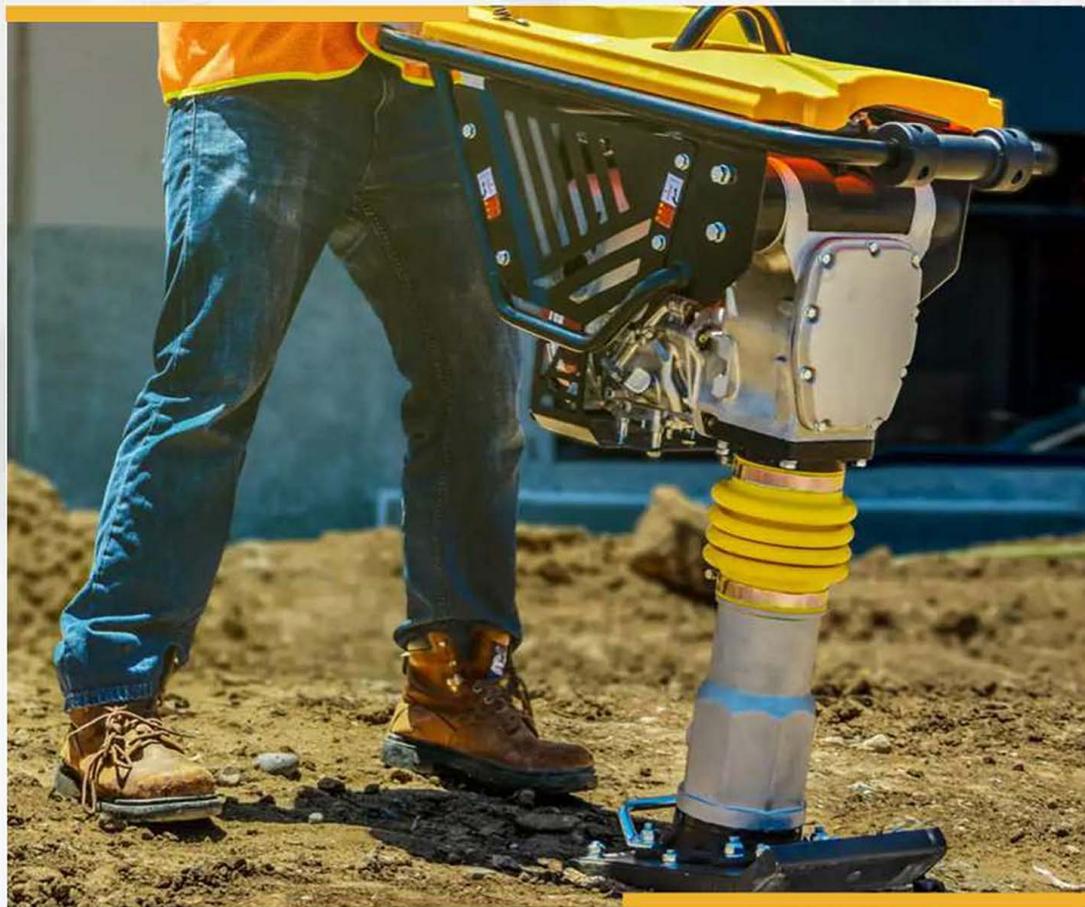


# TAMPING RAMMER

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Tamping rammers usually apply high impact force with the frequency range of around 500-750 blows per minute. Therefore, they are the best option for compacting adhesive and semi adhesive soils. They are not recommended for compacting granular soils like sands.

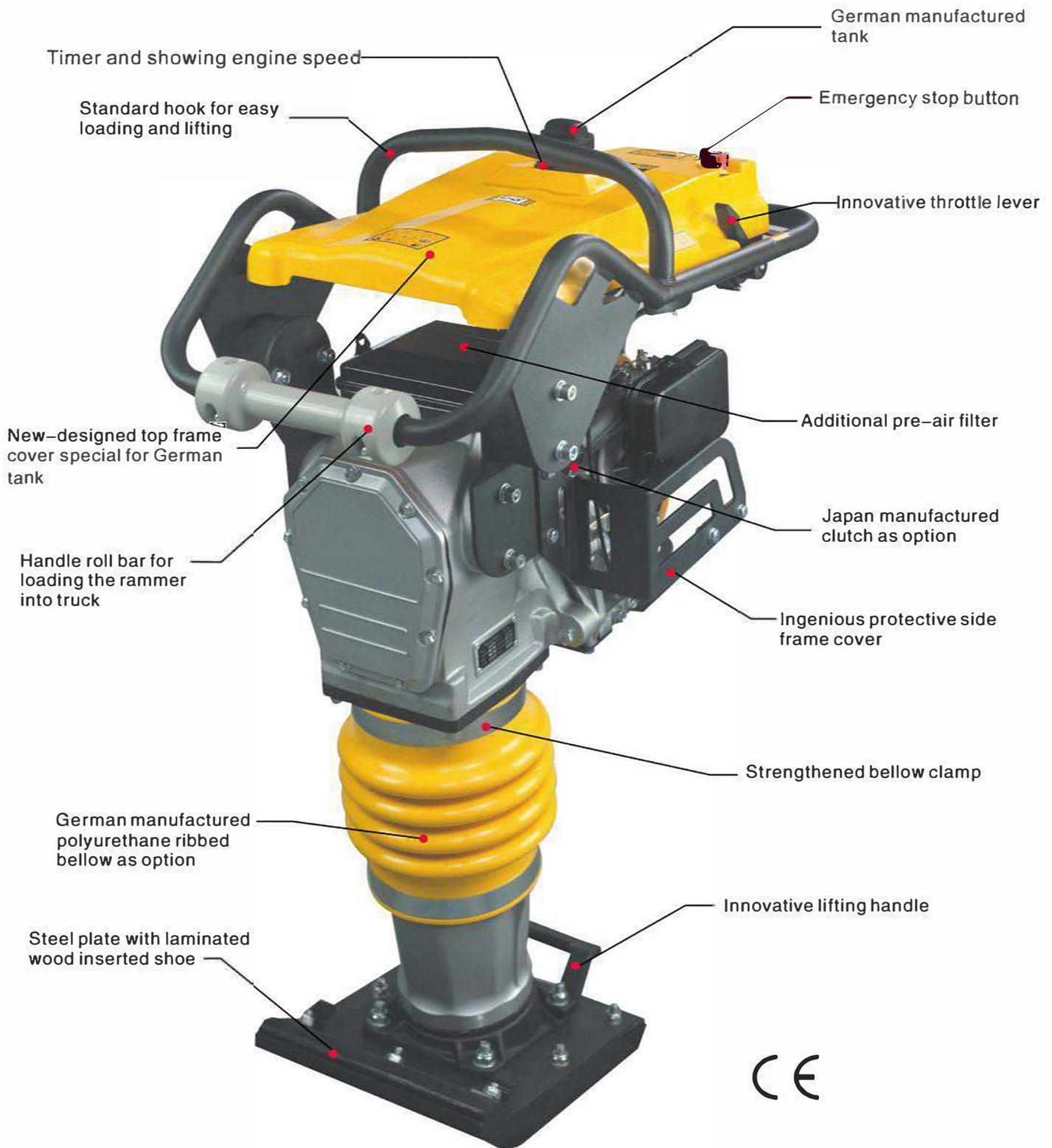
The engine or electric motor generates a torque, which is then transferred to the crank gear as a reciprocating motion. The crank gear ultimately passes on this motion to the shoe or foot through the spring encased within a cylinder. As a result, vibrating motion is generated in the foot of tamping rammer.



01



# Tamping Rammer



**BS-RM75R**



# Tamping Rammer

## Features:

- 4-stroke Honda & Robin petrol engines designed specially for rammers. Easy starting, low-noisy operation, low maintenance and reduced fuel consumption. Diesel engine is optional.
- Innovative throttle lever offers longer life and smooth operation.
- Heavy shock mount system to reduce hand & arm vibration and improve operator's comfort.
- Durable plastic fuel tank offers longer life and rust-free.
- New-designed top cover protects engine from damage.
- Ingenious protective side frame cover guards engine.
- Steel plate with laminated wood inserted shoe offers economical usage and perfectly balance.
- Outstanding body balance maximizes work efficiency and minimizes operator's fatigue.
- Optional trolley wheel for easy transportation.



New plastic ingenious protective side frame cover guards engine.



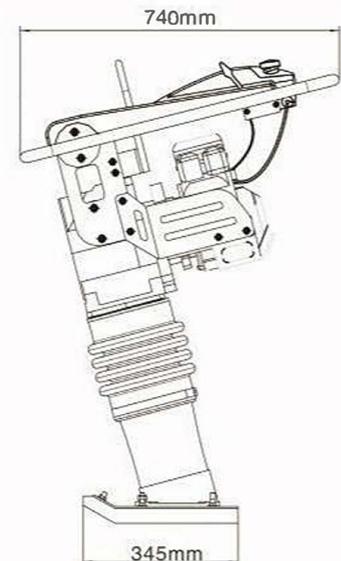
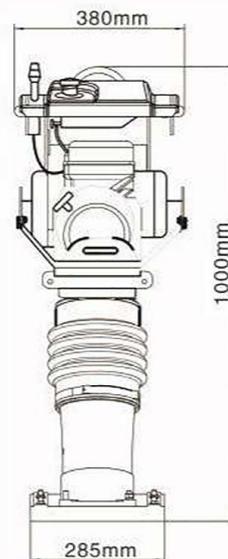
Hour meter as option



German tamping plate as option



Emergency stop button



## BS-RM75 series

Model	BS-RM75R	BS-RM75HR	BS -RM75L	BS-RM75Y	BS -RM75D
Power Source	Petrol,CC Robin EH12-2D	Petrol, Honda GXR120	Petrol,Loncin LC165F- 3H	Diesel, Yanmar L48	Diesel, HP170F
Power HP(KW)	4.0(2.9)	4.0(2.9)	4.0(3.1)	3.8(2.8)	3.8(2.8)
Weight Kg	75	73	76	88	88
Impact Force KN	14				
Jumping Stroke MM	40-80				
Impact Number Per Min.	640-680				
Fuel Tank Capacity L	2.0				
Shoe Size MM	345 x 285				

※Other engines are available as requested

※Features and specifications are subject to change without notification

# ● Tamping Rammer

The professional rammer with additional built-in air filtration system



Additional built-in air filtration system



Honda engine GXR120



EPA Certificate fuel tank

CE

**BS-RM75BHR**

## BS-RM75B series

Model	BS-RM75BR	BS-RM75BHR	BS-RM75BL	BS-RM75BY	BS-RM75BD
Power Source	Petrol,CC Robin EH12-2D	Petrol,Honda GXR120	Petrol,Loncin LC165F-3H	Diesel, YanmarL48	Diesel, HP170F
Power HP(KW)	4.0(2.9)	4.0(2.9)	4.0(3.1)	3.8(2.8)	3.8(2.8)
Weight Kg	75	75	76	88	88
Impact Force KN	14				
Jumping Stroke MM	40-80				
Impact Number Per Min.	640-680				
Fuel Tank Capacity L	2.0				
Shoe Size MM	345 × 285				

※Other engines are available as requested

※Features and specifications are subject to change without notification

# Tamping Rammer

## Features:

- Meticulous attention to safety and operator's comfort
- Fewer frequent maintenance cycles in routine operation
- Ergonomic, streamlined, eye appealing design

## The most economic and popular model in the market



**BS-RM80HC**



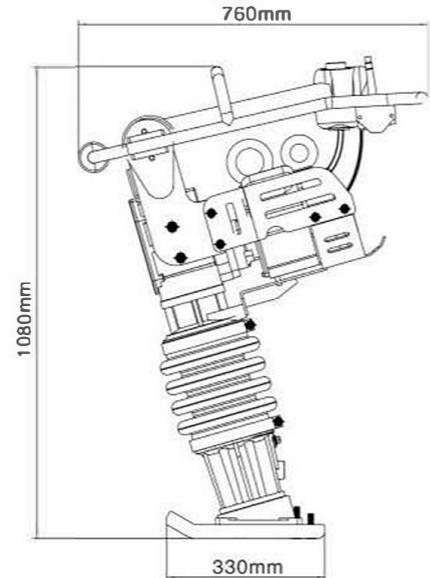
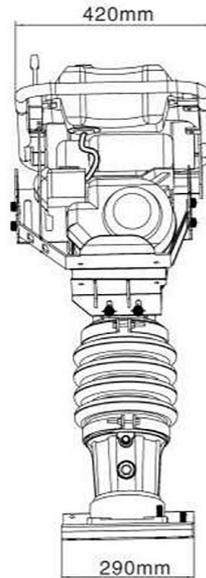
German bellow



Japanese clutch



The first time to innovate pre-air filter on the engine G200F



## BS-RM80 series

Model	BS-RM80R	BS-RM80D	BS-RM80L	BS-RM80HC
Power Source	Petrol, Robin EY20	Diesel, HP170F	Petrol, Loncin LC165F-3H	Petrol, Loncin G200F
Power HP(KW)	5.0(3.7)	3.8(2.8)	4.0(2.9)	6.5(4.8)
Weight Kg	77	89	75	79
Impact Force KN	10			
Jumping Stroke MM	40-65			
Impact Number Per Min.	450-660			
Fuel Tank Capacity L	2.0			
Shoe Size MM	330 x 290			

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

# ● Tamping Rammer

BISON rammers are designed to deal with the tough site condition. They are well balanced, easy to operate, low cost to maintenance and excellent manoeuvrability in trench and around pipe. Additionally, every rammer is performance inspected before it is released from our factory, so you can trust them at all.

**The new model created by H-POWER, Strongly recommended**



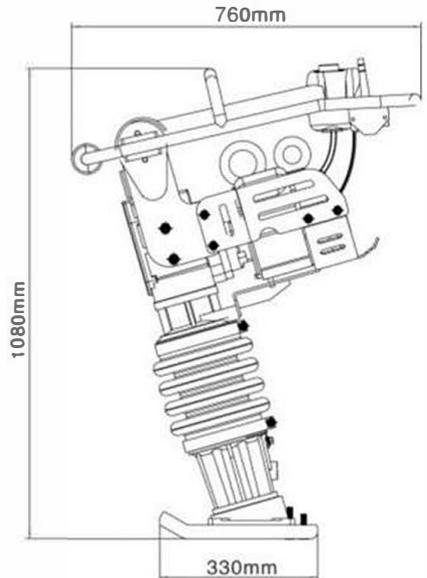
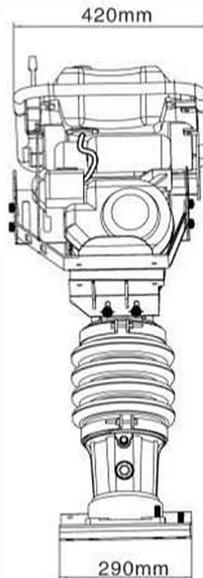
**BS-RM90H**



New-designed rear cover with perfectly-balance performance



Rubber tamping plate as option



## BS-RM90 series

Model	BS-RM90H	BS-RM90R	BS-RM90D	BS-RM90L	BS-RM90Z
Power Source	Petrol, Honda GX160	Petrol, Robin EY20	Diesel, HP170F	Petrol, Loncin LC165F-3H	Petrol, ZongSheng, BT168FB
Power HP(KW)	5.5(4.0)	5.0(3.7)	3.8(2.8)	4.0(3.1)	6.5(4.8)
Weight Kg	79	77	89	75	79
Impact Force KN	12				
Jumping Stroke MM	40-75				
Impact Number Per Min.	640-680				
Fuel Tank Capacity L	2.0				
Shoe Size MM	330 x 290				

※Other engines are available as requested

※Features and specification s are subject to change without notification



# Tamping Rammer

## Features:

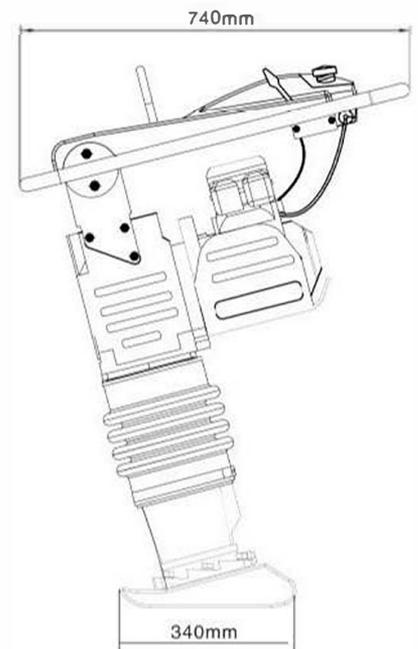
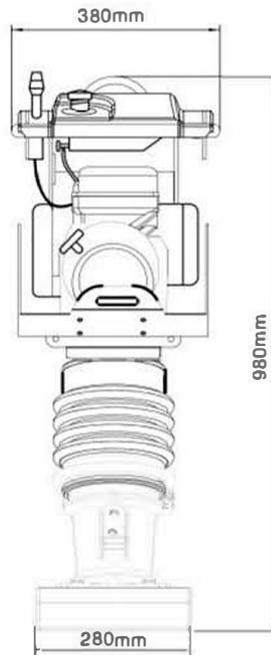
- Meticulous attention to safety and operator's comfort
- Fewer frequent maintenance cycles in routine operation
- Ergonomic,streamlined,eye appealing design



Rubber tamping plate offers longer life



**BS-RM70H**



## BS-RM70 series

Model	BS-RM70R	BS-RM70H
Power Source	Petrol,Robin EH09-2F	Petrol, Honda GX100
Power HP(KW)	2.8(2.1)	3.0(2.2)
Weight Kg	70	
Impact Force KN	12	
Jumping Stroke MM	50-80	
Impact Number Per Min.	640-680	
Fuel Tank Capacity L	2.0	
Shoe Size MM	340 x 280	

※Other engines are available as requested

※Features and specifications are subject to change without notification

# Tamping Rammer

The latest model special for hard hitting compaction with excellent performance



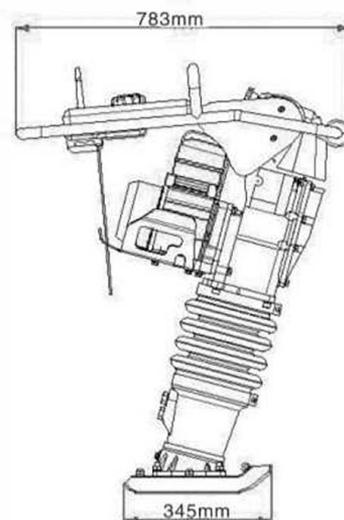
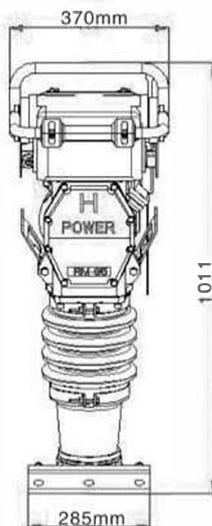
**BS-RM85R**



A ingenious large air cleaner increases engine life obviously



A totally new-designed rear cover with perfectly-balance performance



## BS-RM85series

Model	BS-RM85R	BS-RM85HR	BS-RM85L
Power Source	Petrol,CC Robin EH12-2D	Petrol, Honda GXR120	Petrol,Loncin LC165F-3 H
Power HP(KW)	4.0(2.9)	4.0(2.9)	4.0(3.1)
Weight Kg		86	
Impact Force KN		15	
Jumping Stroke MM		50-80	
Impact Number Per Min.		640-680	
Fuel Tank Capacity L		2.2	
Shoe Size MM		345 x 285	

※Other engines are available as requested

※Features and specifications are subject to change without notification



# PLATE COMPACTOR

## Vibration Plate Compactor

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The vibrating plate compactor is mainly suitable for compacting materials with low cohesion and friction between particles, such as river sand, gravel, asphalt, etc.

The internal combustion engine pressing machine drives the eccentric wheel to vibrate through the clutch and the pulley. The bottom plate and the eccentric block are fixed together, and the vibration direction can be changed by rotating the eccentric block. This enables stepless adjustment between forward vibration, in situ vibration and backward vibration.



02

# Forward Plate Compactor

BISON forward plate compactors are Environmentally friendly product design, from the C50 to the C140, the series comprises a wide range of products to meet customers needs in a variety of sites, when you are backfilling a trench, building a new highway, resurfacing a street or laying a new bridge deck, H-POWER compactors will be the best choice.

**The new model created by H-POWER, Light weight, heavy centrifugal force**



## BS-EMC80 series

Model	BS-EMC80H	BS-EMC80R	BS-EMC80S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	80		
Centrifugal Force KN	14		
Vibrating Frequency VPM	5000		
Max Travel Speed m/min	21		
Plate Size L x W CM	42 x 52		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

# Forward Plate Compactor

## BS-EMC60/HP-EMC100

Ideal for general applications—curbs, gutters, around tanks, forms, coulmns, footings, landscaping, paving blocks, drainage ditches, and light to medium road repair work.

### Features

- Solid ,high strength steel base plate with curved edges provides top performance
- New processing technique for exciter and bottom plate
- Robust design sealed belt cover for clutch and belt protection
- Solid engine frame with lifting eye protect engine against dirt and damaging and for easy transportation
- Optional transport wheel for easy transportation around sites
- Optional polyerthene pad for paving applications also available

### BS-EMC60series

Model	BS-EMC60H	BS-EMC60R	BS-EMC60S
Engine Type	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	64		
Centrifugal Force KN	12		
Vibrating Frequency VPM	5000		
Max Travel Speed m/min	21		
Plate Size L x W CM	48 x 37		

※Other engines are available as requested

※Features and specifications are subject to change without notification



### BS-EMC100series

Model	BS-EMC100H	BS-EMC100R	BS-EMC100S
Engine Type	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	86		
Centrifugal Force KN	16		
Vibrating Frequency VPM	5000		
Max Travel Speed m/min	21		
Plate Size L x W CM	60 x 45		

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Forward Plate Compactor

## BS-C85T

Ideal for general applications—curbs, gutters, around tanks, forms, columns, footings, landscaping, paving blocks, drainage ditches, and light to medium road repair work.



### BS-C85T series

Model	BS-C85TH	BS-C85TR	BS-C85TS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg		82	
Centrifugal Force KN		15	
Vibrating Frequency VPM		4930	
Max Travel Speed m/min		20	
Plate Size L x W CM		62 x 42	

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



Foldable handle for easy transportation



Transport wheel for easy transportation

# Forward Plate Compactor

## BS-C65T/HP-C140

Ideal for general applications—curbs, gutters, around tanks, forms, columns, footings, landscaping, paving blocks, drainage ditches, and light to medium road repair work.

### Features

- Solid, high strength steel base plate with curved edges provides top performance
- Cast Iron wear resistant lubricated vibrator assembly
- Robust design sealed belt cover for clutch and belt protection
- Solid engine frame with lifting eye protect engine against dirt and damaging and for easy transportation
- Optional transport wheel for easy transportation around sites
- Optional polyethylene pad for paving applications also available

### BS-C65Tseries

Model	BS-C65TH	BS-C65TR	BS-C65TS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	70		
Centrifugal Force KN	13		
Vibrating Frequency VPM	4900		
Max Travel Speed m/min	20		
Plate Size L x W CM	53 x 37		

※Other engines are available as requested

※Features and specifications are subject to change without notification



Option Wheel Kit Set



### BS-C140 series

Model	BS-C140H	BS-C140R	BS-C140S
Engine Type	Petrol, Honda GX270	Petrol, Robin EY28	Petrol, Subaru EX21
Power HP(KW)	9.0(6.6)	7.5(5.5)	7.0(5.1)
Weight Kg	120		
Centrifugal Force KN	18		
Vibrating Frequency VPM	5150		
Max Travel Speed m/min	20		
Plate Size L x W CM	68 x 46		

※Other engines are available as requested

※Features and specifications are subject to change without notification

# Forward Plate Compactor

## BS-C50/HP-C60

Ideal for sand, gravel and mixer soils in narrow trenches and along foundations, walls and abutments

### Features

- Foldable handle for easy transportation and stock
- Open plate provides self cleaning
- Built-in wheel kit for easy transportation
- Heavy-duty shock mounts reduce vibration to the upper engine & handle
- Sealed belt cover to prevent sand and soil in
- Round edge protect the exciter housing and even objects around working site
- Lifting hook as standard part
- Throttle control is available as standard part

### BS-C50 series

Model	BS-C50L
Engine Type	Loncin Petrol Engine 154F
Power HP(KW)	3(2.2)
Weight Kg	52
Centrifugal Force KN	8.5
Vibrating Frequency VPM	5210
Max Travel Speed m/min	15
Plate Size L x W CM	43 x 30

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



Option Wheel Kit Set



### BS-C60 series

Model	BS-C60H	BS-C60R	BS-C60S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	65		
Centrifugal Force KN	12		
Vibrating Frequency VPM	4900		
Max Travel Speed m/min	20		
Plate Size L x W CM	51 x 37		

※ Other engines are available as requested

Features and specifications are subject to change without notification



# Forward Plate Compactor

## BS-C80/HP-C60T

Compact and latest design in plate compactors, suitable for most of compaction, even brick paving compaction (with optional rubber mat), hot and cold asphalt when fitted with optional water sprinkler system.

### Features

- Foldable handle for easy transportation and stock
- Open plate provides self cleaning
- Built-in wheel for easy transportation
- Radius base plate for easy access to corners
- Sealed belt cover to prevent sand and soil in
- Heavy-duty shock mounts reduce vibration to the upper engine & handle
- Protective frame is available as optional



### BS-C80T series

Model	BS-C80TH	BS-C80TR	BS-C80TS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	85		
Centrifugal Force KN	14		
Vibrating Frequency VPM	4930		
Max Travel Speed m/min	21		
Plate Size L x W CM	52 x 50		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



Foldable handle for easy transportation



Ductile cast iron plate as option  
Easy-removable water tank with built-in valve and on hose connection is available as standard part

### BS-C60T series

Model	BS-C60TH	BS-C60TR	BS-C60TS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	70		
Centrifugal Force KN	12		
Vibrating Frequency VPM	4900		
Max Travel Speed m/min	20		
Plate Size L x W CM	51 x 37		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



# Forward Plate Compactor

## BS-C80NT

Compact and latest design in plate compactors, suitable for most of compaction, even brick paving compaction (with optional rubber mat), hot and cold asphalt when fitted with optional water sprinkler system.



### BS-C80NT series

Model	BS-C80NTH	BS-C80NTR	BS-C80NTS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg		84	
Centrifugal Force KN		16	
Vibrating Frequency VPM		5000	
Max Travel Speed m/min		20	
Plate Size L x W CM		58 x 43	

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Forward Plate Compactor

## BS-C90/HP-C95T

Powerful design compaction of sand, gravel and granular materials.

### Features

- Conveniently placed handles
- Foldable handle easy for transportation and storage
- Open design reduces dirty building
- Centrally mounted fully enclosed exciter for an even spread of compactive force over the whole base plate
- Heavy-duty shock mounts reduce vibration to the upper engine & handle

### BS-C90 series

Model	BS-C90H	BS-C90R	BS-C90S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	90		
Centrifugal Force KN	16		
Vibrating Frequency VPM	4750		
Max Travel Speed m/min	20		
Plate Size L x W CM	54 x 45		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



Option Wheel Kit Set



Ductile cast iron plate as option  
Easy-removable water tank with built-in valve and on hose connection is available as standard part

### BS-C95T series

Model	BS-C95TH	BS-C95TR	BS-C95TS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	95		
Centrifugal Force KN	18		
Vibrating Frequency VPM	4750		
Max Travel Speed m/min	20		
Plate Size L x W CM	62 x 45		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

# Forward Plate Compactor

## BS-C100/HP-C120

Powerful design compaction of sand, gravel and granular materials.

### Features

- Vibration isolated handle for easy operation and reduces operator fatigue
- Conveniently placed handles
- Open design reduces dirty building
- Centrally mounted fully enclosed exciter for an even spread of compactive force over the whole base plate
- Heavy-duty shock mounts reduce vibration to the upper engine & handle
- Protective frame is available as standard part

### BS-C100 series

Model	BS-C100H	BS-C100R	BS-C100S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	90		
Centrifugal Force KN	16		
Vibrating Frequency VPM	5480		
Max Travel Speed m/min	20		
Plate Size L x W CM	58 x 44		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



Option Wheel Kit Set



### BS-C120 series

Model	BS-C120H	BS-C120R	BS-C120S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	98		
Centrifugal Force KN	18		
Vibrating Frequency VPM	5010		
Max Travel Speed m/min	20		
Plate Size L x W CM	61 x 45		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



# Reversible Plate Compactor

## BS-C125/HP-C160S

Superior compaction in any direction, forward and reverse. Ideal sand, gravel and mixed soils in narrow trenches and along foundations, walls and abutments. Low maintenance design—less time and less costly to repair.

### Features

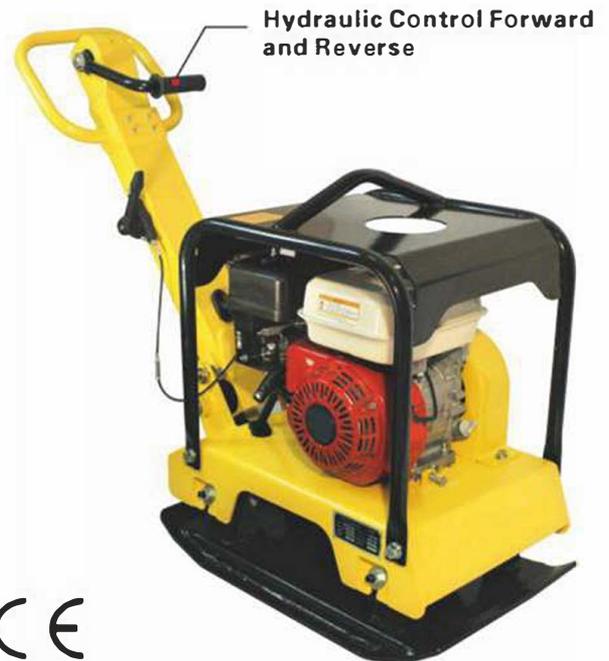
- Easy-to-reach located control
- Large shock mounts reduce vibration to the handle
- Heavy-duty shock reduce vibration to the upper deck
- Centrally-located bar allows easy transportation in and out of trenches
- Wrap around protection cage protects the plate from accidental job-site damage
- Extension plate (weight 12kg) as optional

### BS-C125 series

Model	BS-C125H	BS-C125R	BS-C125S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	130		
Centrifugal Force KN	22		
Vibrating Frequency VPM	4600		
Max Travel Speed m/min	20		
Plate Size L x W CM	66 x 38		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



### BS-C160S series

Model	BS-C160SH	BS-C160SR	BS-C160SS
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	145		
Centrifugal Force KN	25		
Vibrating Frequency VPM	4600		
Max Travel Speed m/min	20		
Plate Size L x W CM	66 x 40		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



# Reversible Plate Compactor

## BS-C160L

Superior compaction in any direction, forward and reverse. Ideal sand, gravel and mixed soils in narrow trenches and along foundations, walls and abutments.

### Features

- Easy-to-reach located control
- Large shock mounts reduce vibration to the handle
- Heavy-duty shock reduce vibration to the upper deck
- Centrally-located bar allows easy transportation in and out of trenches
- Wrap around protection cage protects the plate from accidental job-site damage
- Extension plate (weight 12kg) as optional



Silent Diesel Type,  
EU Noise Standard

## BS-C160L series

Model	BS-C160LH	BS-C160LR	BS-C160LS
Engine Type	Petrol, Honda GX270	Petrol, Robin EY28	Petrol, Subaru EX21
Power HP(KW)	9.0(6.6)	7.5(5.5)	7.0(5.1)
Weight Kg	146		
Centrifugal Force KN	30		
Vibrating Frequency VPM	4500		
Max Travel Speed m/min	20		
Plate Size L x W CM	70 x 50		

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Reversible Plate Compactor

## BS-C330A/HP-C330B

Mechanical control system reflects a reliability, economy mechanical and low maintenance design, compaction depth up to 700mm. Sewer trenches, general road-building projects, compacting foundations and backfills are all standard jobs for our heavy-plate compactors.

### Features

- Forward & reverse, as well as on-spot-compaction
- Easy-to-reach located controls
- Large shock mounts reduce vibration to the handle
- Heavy-duty shock mounts reduce vibration to the upper deck
- Wear-resistant base plates extend life, open design reduces dirty building
- Centrally-located lifting bar allows easy transportation in and out of trenches
- Semi-covered protection cage protects the plate from accidental job-site damage

### BS-C330A series

Model	BS-C330AH	BS-C330AD
Engine Type	Petrol, Honda GX390	Diesel 186FA(E)
Power HP(KW)	13(9.5)	10(7.3)
Weight Kg	250	275
Centrifugal Force KN	38	
Vibrating Frequency VPM	4810	
Max Travel Speed m/min	15	
Plate Size L x W CM	83 x 64	

※Other engines are available as requested

※Features and specifications are subject to change without notification



Especially additional air filter system



Electric starter system



### BS-C330B series

Model	BS-C330BH	BS-C330BD
Engine Type	Petrol, Honda GX390	Diesel 186FA(E)
Power HP(KW)	13(9.5)	10(7.3)
Weight Kg	300	320
Centrifugal Force KN	40	
Vibrating Frequency VPM	4810	
Max Travel Speed m/min	15	
Plate Size L x W CM	87 x 64	

※Other engines are available as requested

※Features and specifications are subject to change without notification

# Reversible Plate Compactor

## Hydraulic Reversible Plate Compactor HP-C3020/HP-C3080

Hydraulic Reversible Plate Compactors are newly introduced to H-POWER's compaction family. The hydraulic adjustment control lever offers easy direction change, while two eccentric weights increase the compaction force and create a smooth transition between forward and reverse travel.

### Features:

- Hydraulic adjustment control lever for easy direction change
- Fully sealed lubricating wear resistant vibrator assembly
- Casting iron base plate with function of impact resistant and self cleaning.
- Integrative built in transport wheels provide convenient transportation

### BS-C3020 series

Model	BS-C3020H	BS-C3020R	BS-C3020S
Engine Type	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17
Power HP(KW)	5.5(4.0)	5.0(3.7)	6.0(4.4)
Weight Kg	135		
Centrifugal Force KN	25		
Vibrating Frequency VPM	4050		
Max Travel Speed m/min	20		
Plate Size L x W CM	64 x 40		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



### BS-C3080 series

Model	BS-C3080H	BS-C3080D
Engine Type	Petrol, Honda GX390	Diesel 186FA(E)
Power HP(KW)	13(9.5)	10(7.3)
Weight Kg	230	250
Centrifugal Force KN	38	
Vibrating Frequency VPM	4810	
Max Travel Speed m/min	16	
Plate Size L x W CM	83 x 48	

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



# Reversible Plate Compactor

## Hydraulic Reversible Plate Compactor HP-C3050

Hydraulic Reversible Plate Compactors are newly introduced to H-POWER's compaction family. The hydraulic adjustment control lever offers easy direction change, while two eccentric weights increase the compaction force and create a smooth transition between forward and reverse travel.



**BS-C3050H**



# Reversible Plate Compactor

## Hydraulic Reversible Plate Compactor HP-C3050

Hydraulic Reversible Plate Compactors are newly introduced to H-POWER's compaction family. The hydraulic adjustment control lever offers easy direction change, while two eccentric weights increase the compaction force and create a smooth transition between forward and reverse travel.

### Features:

- Hydraulic adjustment control lever for easy direction change.
- Fully sealed lubricating wear resistant vibrator assembly.
- Casting iron base plate with function of impact resistant and self cleaning.
- Integrative built in transport wheels provide convenient transportation.
- On the spot compaction is available.
- User friendly anti-vibration handle.
- Handle folded from 45 to 90 degree for easy transportation and storage.
- Impact resistant and Self cleaning open base plate for easier cleanup.
- Built-in transport wheel for easy transportation.
- New-designed belt cover protect clutch and belt.



Smart locking system



### BS-C3050 series

Model	BS-C3050H	BS-C3050R	BS-C3050S
Engine Type	Petrol, Honda GX270	Petrol, Robin EY28	Petrol, Subaru EX21
Power HP(KW)	9.0(6.6)	7.5(5.5)	7.0(5.1)
Weight Kg	170		
Centrifugal Force KN	30		
Vibrating Frequency VPM	4500		
Max Travel Speed m/min	20		
Plate Size L x W CM	68 x 50		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



# COMPACTION ROLLER

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Roller compactors can be used to have both dry and wet compaction. In dry compaction, the air in the soil is removed while in the case of wet compaction the voids in soil are removed by replacing them with water until the optimum moisture content is achieved.



03

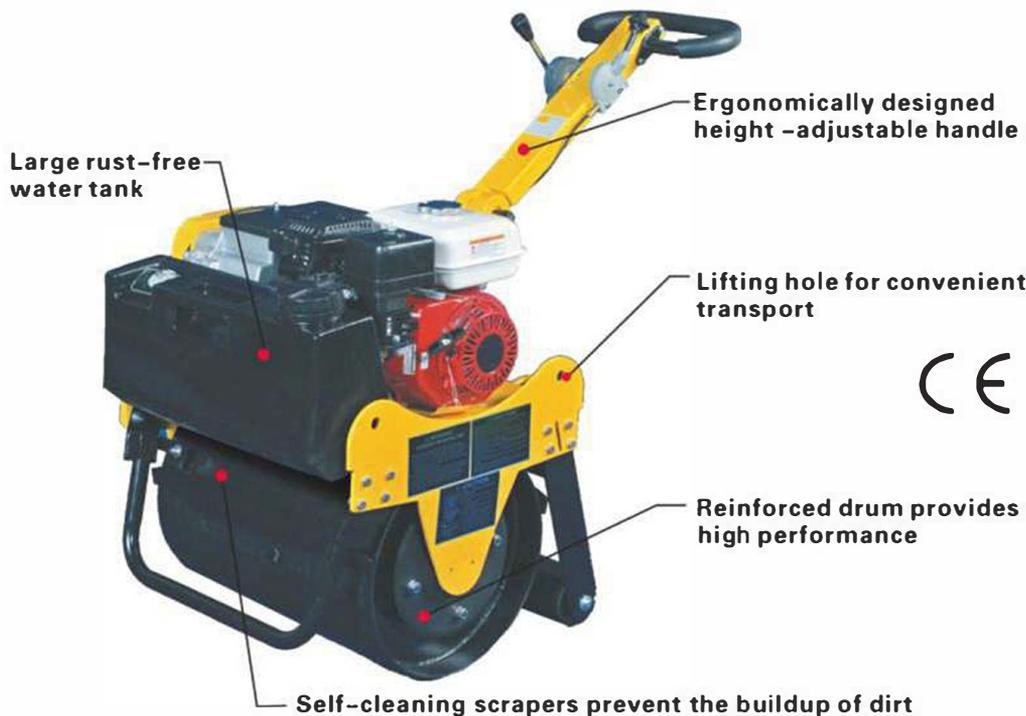


# Vibratory Roller

BISON single drum rollers are lightweight and maneuverable for compaction of granular and asphalt applications, ideally suited to smaller repair and maintenance jobs such as footpath, bridges, patching, landscaping applications.

## Features

- Deadman control and reversing protection for maximum operator safety.
- Easy reach controls for operator comfort.
- Ergonomically design height –adjustable handle for operator comfort and simplified transport.
- Self–cleaning scrapers prevent the buildup of dirt.
- Side and curb clearance allow for a closest approach to pavement ,wall curb and other obstacle.
- Compact design for easy handling in confined areas.
- Thick drum shells for longer drum life.
- Large corrosion–free water tank feature in easily removable for filling or cleaning.



Variable height adjustment



## BS-R300

### BS-R300 series

Model	BS-R300H	BS-R300D
Engine	Petrol, Honda GX160	Diesel, HP170F
Type of Combustion	Air-cooled, single cylinder, 4-stroke	
Centrifugal force: 20KN	Max. Travel speed: 1.82km/h	Vibratory frequency: 5500r/min
Grade ability: ≤ 15°	Water tank capacity: 16L	Fuel tank capacity: 2.5L
Roller width: 550mm	Roller diameter : 400mm	Operating weight: 210kg
Dimension : 1250x 680x 950mm		

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Vibratory Roller

BISON vibratory rollers are suitable for a wide range of applications in the construction industry. The rollers deliver excellent compaction to all types of gravel and asphalt surfaces for large and confined areas.

## Features

H-Power RH600, different to most of chain or belt driven rollers on the market, is with a fully hydraulic-drive system, consists of hydraulic pumps and motors not only on vibration but also movement, eliminating the need for regular periodic adjustments and changes while providing infinitely variable working speed.

- Deadman control lever offers reversing protection.
- Anti vibration controls ensure non-fatiguing and low Vibration for the operator.
- Drive system uses world famous brand SAUER variable pump, fixed displacement hydraulic motor, stepless speed, easy to change direction
- 55 Liters, corrosion-free water tank mounted at the rear of roller reduces sound and keeps dust to a minimum.
- Vibration is controlled by easy to reach on and off switch in speed controlled hand lever.
- Two scraper bars on each drum ensure a clean drum when working on asphalt.
- A fully hydraulic-drive system consists of hydraulic pumps and hydraulic motors provides infinitely variable working speed for travel and vibration, eliminating regular maintenance and adjustments that chain driven rollers require.



## BS-RH600/800 series

Model	BS-RH600H	BS-RH600D	BS-RH800H	BS-RH800D
Engine	Petrol, Honda Gx390	Diesel, HP186FAE	Petrol, Honda GX390	Diesel, HP186FAE
Type of Combustion	Air-cooled, single cylinder, 4-stroke			
Centrifugal force: 20KN	Grade ability: $\leq 15^\circ$	Vibratory frequency: 3600r/min		
Max. Travel speed: 4.5km/h	Water tank capacity: 40L		Max. Travel speed: 4.8km/h	Water tank capacity: 45L
Hydraulic oil capacity: 25L	Roller width: 650mm		Hydraulic oil capacity: 27L	Roller width: 700mm
Roller diameter : 375mm	Operating weight: 660kg		Roller diameter : 400mm	Operating weight: 760kg
Dimension : 2490x 700x 1130mm			Dimension : 2590x 750x 1145mm	

※Other engines are available as requested

※Features and specifications are subject to change without notification



# FLOOR SAW

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Floor saws cover all application areas. From the handy 100kg machine for quick repair work to the 2.2 t ride-on floor saw with joystick operation for large projects, professional users and equipment rental companies will find the right floor saw for their needs. Driven by petrol, diesel or emission-free electric motors, floor saws are the powerful solution for the most demanding tasks in road construction, civil engineering and landscaping as well as for interior sawing applications. Outstanding design features with highly practical benefits and optimal ergonomics ensure fast, precise and effortless joint cutting.



04



# Floor saw





# Floor saw

## Features

- Comfortable grip handles
- Easy crank for raising/lowering cutting depth
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Saw position guide helps ensure straight cuts
- Water system provides an optimum flow and volume of water to the blade



Innovative fixed -depth cutting lock-pin(Q450)



Innovative fixed -depth cutting lock-pin(Q480)



Integrated gauge for accurate cutting



Semi self propelling(Q400)



Parking brake



Double water pipe for cooling both sides of blade



## BS-Q450 series

Model	BS-Q450H	BS-Q450S	BS-Q450D
Engine	Petrol,Honda GX390	Petrol,Subaru EX40	Diesel,HP186FA
Type of Combustion	Air-cooled,single cylinder,4-stroke		
	Disc diameter(Options):350mm;400mm;450mm;500mm		Max. Cutting depth:14.5cm
	Operating weight:116kg	Shipping size (package size):930x 610 x 1100mm	

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Floor saw



**BS-Q300R**

## Features

- Comfortable grip handles
- Easy crank for raising/lowering cutting depth
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Saw position guide helps ensure straight cuts
- Water system provides an optimum flow and volume of water to the blade

## HP-Q300 series

Model	BS-Q300H	BS-Q300R	BS-Q300S	BS-Q300D
Engine	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17	Diesel,HP170F
Type of Combustion	Air-cooled,single cylinder,4-stroke			
Disc diameter(Options):300mm;350mm		Max. Cutting depth:8cm		
Operating weight:64kg		Shipping size (package size):910x 500 x 860mm		

\*Other engines are available as requested

\*Features and specifications are subject to change without notification



**BS-Q350H**

## HP-Q350 series

Model	BS-Q350H	BS-Q350R	BS-Q350S	BS-Q350D
Engine	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17	Diesel,HP170F
Type of Combustion	Air-cooled,single cylinder,4-stroke			
Disc diameter(Options):300mm;350mm		Max. Cutting depth:8cm		
Operating weight:64kg		Shipping size (package size):910x 500 x 860mm		

\*Other engines are available as requested

\*Features and specifications are subject to change without notification



# Floor saw



**BS-Q400R**



## HP-Q400 series

Model	BS-Q400H	BS-Q400R	BS-Q400S	BS-Q400D
Engine(light)	Petrol,Honda GX270	Petrol,Robin EY28	Petrol,Subaru EX21	Diesel,HP178F
Engine(normal)	Petrol,Honda GX390		Petrol,Subaru EX40	Diesel,HP186FA
Type of Combustion	Air-cooled,single cylinder,4-stroke			
	Disc diameter(Optional):350mm;400mm;450mm		Max. Cutting depth:12.5cm	
	Operating weight:117kg		Shipping size (package size):930x 610 x 1000mm	

※Other engines are available as requested

※Features and specifications are subject to change without notification

## Features

- Comfortable grip handles
- Easy crank for raising/lowering cutting depth
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Saw position guide helps ensure straight cuts
- Water system provides an optimum flow and volume of water to the blade



**BS-Q480H**

## HP-Q480 series

Model	BS-Q480H	BS-Q480S	BS-Q480D
Engine	Petrol,Honda GX390	Petrol,Subaru EX40	Diesel,HP186FA
Type of Combustion	Air-cooled,single cylinder,4-stroke		
	Disc diameter(Options):350mm;400mm;450mm;500mm		Max. Cutting depth:15cm
	Operating weight:130kg		Shipping size (package size):930x 610 x 1200mm

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Floor saw



**BS-Q500H**



# Floor saw

## Features

- Comfortable grip handles
- Easy crank for raising/lowering cutting
- Hydraulic system for easy propell
- Rugged adjustable pointer wheel assembly
- Water system provides an optimum flow and volume of water to the blade



Enlarged oil filter



Hydraulic pump



Hydraulic oil tank



Parking brake



## BS-Q500 series

Model	BS-Q500H	BS-Q500S	BS-Q500D
Engine	Petrol,Honda GX390	Petrol,Subaru EX40	Diesel,HP186FA
Type of Combustion	Air-cooled,single cylinder,4-stroke		
	Disc diameter(Options):350mm;400mm;450mm;500mm		Max. Cutting depth:15cm
	Operating weight:130kg	Shipping size (package size):940 × 760 × 1300mm	

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Floor saw

## Features

- Comfortable grip handles
- Easy crank for raising/lowering cutting depth
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Saw position guide helps ensure straight cuts
- Water system provides an optimum flow and volume of water to the blade



**BS-Q650H**



### Self-contained drive system

Self-contained differential drive system eliminating drive gear from rear wheels and related wear, It is simple to handle and maintain.



## Floor saw



**BS-Q650H**

### BS-Q650D series

Model	BS-Q650H	BS-Q650D
Engine	Petrol, Honda GX630	Diesel, HP2V86FE
Type of Combustion	Air-cooled, twin cylinder, 4-stroke	
	Disc diameter(Options):600mm ,650mm,700mm	Max. Cutting depth:250mm
	Operating weight:245kg	Shipping size (package size):1500 x 950x 1270mm

※Other engines are available as requested  
 ※Features and specifications are subject to change without notification



## Brick Saw



**BS-BS35H**

### BS-BS35 series

Model	BS-BS35H	BS-BS35R	BS-BS35S	BS-BS35D
Engine	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17	Diesel, HP170F
Type of Combustion	Air-cooled, single cylinder, 4-stroke			
	Blade diameter:350mm	Max. Cutting depth:12.5cm	Max. Length of cut:42cm	
	Operating weight:138kg	Shipping size (package size):1600 x 580x 960mm		

※Other engines are available as requested  
 ※Features and specifications are subject to change without notification



# CONCRETE MIXER

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Tamping rammers usually apply high impact force with the frequency range of around 500-750 blows per minute. Therefore, they are the best option for compacting adhesive and semi adhesive soils. They are not recommended for compacting granular soils like sands.

The engine or electric motor generates a torque, which is then transferred to the crank gear as a reciprocating motion. The crank gear ultimately passes on this motion to the shoe or foot through the spring encased within a cylinder. As a result, vibrating motion is generated in the foot of tamping rammer.



05



# Concrete Mixer

## Features

- Special casting or steel-sheet gear ring made in one piece
- Foldable frame for easy stock and transportation
- Solid frame for high stability
- Large 240mm diameter wheels for stability and maneuverability
- Large drum diameter for excellent mixing results
- Swivels and tilts 360° for easy and complete discharge
- Driving shaft mounted on sealed ball bearing



BS-CM120



BS-CM180



Solid cast-iron gear ring



Model	BS-CM120(M)	BS-CM140(M)	BS-CM140(G)	BS-CM160(M)	BS-CM180(M)
Power output(w)	375	550	2200	550	550
Motor	Electric Motor	Electric Motor	Petrol, Honda Gx100	Electric Motor	Electric Motor
Mixed batch Output(L)	90	90	90	100	120
Drum volume(L)	120	140	140	160	180
Operation Mass(kg)	56	75	77	80	82
Shipping Dimension(mm)	810 x 710 x 380	810 x 710 x 450	810 x 710 x 450	840 x 730 x 480	840 x 730 x 480

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

※ 375W, 550W, 750W, 850W electric motor as optional.



# Concrete Mixer

HP-CM260 with drum capacity 260L, HP-CM350 with drum capacity 350L concrete mixer adopts rubber tyres and is suitable for mixing mortar, with merits of small volume, easy for transportation, high efficiency and outstanding quality.

Portable Concrete Mixer						
IETM	DESCRIPTION					
Type	CM260M	CM260H	CM260D(E)	CM350M	CM350H(E)	CM350D(E)
Drum capacity	260L			350L		
Rated overload	160L			240L		
Drum Opening	430mm			430mm		
Motor/Engine	Electric, 2.2kw	Honda Gx270	Diesel, 178F(E)	Electric, 2.2kw	Honda Gx390	Diesel, 186FA(E)
Overall Dimensions	1950(L) × 890(W) × 1140(H)			1950(L) × 890(W) × 1140(H)		
Gross Weight	332kg	340kg	355kg	342kg	350kg	365kg
Net Weight	312kg	320kg	335kg	322kg	330kg	345kg

\*Other engines are available as requested

\*Features and specifications are subject to change without notification



BS-CM350



# Concrete Mixer

## Detailed Product Description

- HP-350 Electric Cement Mixer–diesel concrete mixer
- Electric Motor Powered Reverse Concrete Mixer
- Model:HP-350
- Capacity of discharging:350L
- Capacity of loading:560L
- Drum rotating speed:13r.p.m
- Capacity per hour:10–14m<sup>3</sup>/h
- Powered of motor:7.5KW
- Power source:Electric motor
- Max.towing speed:20Km/h
- Overall size:3100 × 2140 × 3070mm
- Weight: 1700Kg
- Hydraulic tipping hopper



**BS-350**



**BS-500**



## Detailed Product Description

Type	BS-500		
Discharging capacity	500L	Water supply precision	Tolerance less than 2%
Feeding capacity	800L	Rotating velocity	13r/s
Production Efficiency	20–25m <sup>3</sup> /h	Max diameter of concrete	40/60mm(gravel/scree)
Power of Mixing Motor	7.5KW	Type specification	7.00–16nylon
		Max moving velocity	20Km/h
		size (1 × w × h)(mm)	Conveying: 3230 × 2136 × 2916 Working: 4055 × 2136 × 3376
Power of Vibrating Motor	0.75KW		
Power of Pump Motor	5.5KW	Weight	2800kg
Power of Hoisting Motor	5.5KW		

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Light Tower



New-technology LED light



Metal halide light



Controller and platform system change the light to all-direction remotely



Inflator pump lift the mast by manual



- Compact and narrow body design for easy transport
- Each light can be individually adjusted without tools
- Floodlight, spotlight and balloon light as optional

## Specifications

Model	BS-2500-2	BS-6500-4
Rated frequency(Hz)	50/60	
Rated voltage(V)	220,230,240	
Rated power(kva)	2/2.2	4.6/5.0
Max.power(kva)	2.2/2.4	5.0/5.5
Fuel	Gasoline	Diesel
Continuous running time(hr)	13	7.5
Total power of the lamps(w)	500 × 2	1000 × 4
Luminous flux(lm)	144000	440000
Mast	Trail type,three mechanical-spring lifting mast	Trail type,three pneumatic-spring lifting mast
Lifting limit of the mast(mm)	3500	4200
Inclination	10	10
Windproof ability	8	8
Dry weight(kg)	140	380

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

# Hydraulic power units



Hydraulic power units, with high efficiency and small size and high reliability and lower noise and light weight, power impacting energy and lower feedback energy, which are greatly used in highway, bridge, expressway, railway, municipality, gas, water, rescue, power, construction etc.



CE

## Specification

Part No.	Weight	Dimension(L×W×H)	Output Flow	Output Pressure	Engine	Wheel/handle
BS09-20	65KG	690×560×610mm	5 Gpm/20Lpm	2200Psi/155 Bar	Honda 9Hp gasoline GX270	Yes
BS13-30	95KG	790×560×610mm	8 Gpm/30Lpm	2200Psi/155 Bar	Honda 13Hp gasoline GX390	Yes
BS18-40	155KG	890×650×740mm	10.5 Gpm/40Lpm	2200Psi/155 Bar	Honda 18Hp gasoline GX630	Yes

※Other engines are available as requested

※Features and specifications are subject to change without notification

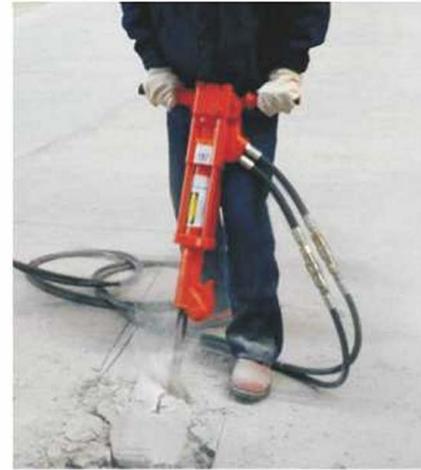
# Hydraulic Breaker

## Uses

Hydraulic Breaker, with high efficiency and small size and high reliability and lower noise and light weight and high breaking energy, which are greatly used in highway, bridge, expressway, railway, municipality, gas, water, rescue, power, construction etc. It has powerful energy to efficiently break concrete, rock and asphalt without leakage of electricity and pressure, no matter how the field with bad conditions is or with strict requirements are.

## Features

The hydraulic breakers use hydraulic oil with high pressure by pushed into the Nitrogen energy is from 50J to 120J, and the impacting frequency is 1800bpm.



Breaker Bits for the Different Needs



We can provide different types breakers bits, such asmoil point and 3 inch chisel and 5 inch asphalt cutter and so on according to customers' demands. All works are made easy and efficient.

## Specification

Part. No.	Weight	Flow Range	Pressure	Frequency	Capacity	Misc.
BS18S	19KG	4-6Gpm/15-24Lpm	1300-2000Psi/90-140 Bar	1800-2400bpm	1 x 4-1/4in.Hex	Anti vibration
BS20S	21KG	7-9Gpm/26-34Lpm	1500-2000Psi/105-140 Bar	1800-2400bpm	1 x 4-1/4in.Hex	Anti vibration
BS28S	28KG	7-9Gpm/26-34Lpm	1500-2000Psi/105-140 Bar	1800-2400bpm	1 x 4-1/4in.Hex	Anti vibration

※Other engines are available as requested

※Features and specifications are subject to change without notification

# SPARE PARTS AS OPTIONAL



**GERMAN BELLOW**



**JAPANESE CLUTCH**



**BIG & SMALL SPRING**



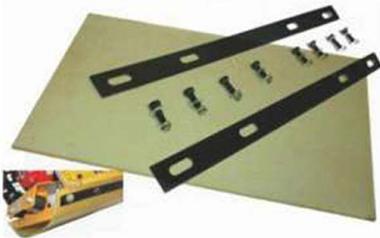
**FUEL TANK**



**WHEELS FOR RAMMER**



**GERMAN PLATE**



**RUBBER MAT**



**WHEELS FOR PLATE COMPACTOR**



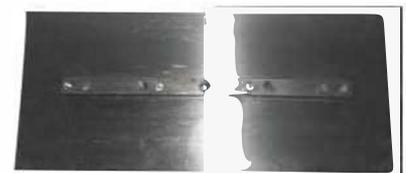
**BELT**



**BLADE**



**DISC PAN**



**BLADE FOR POWER TROWEL**

# Certificate



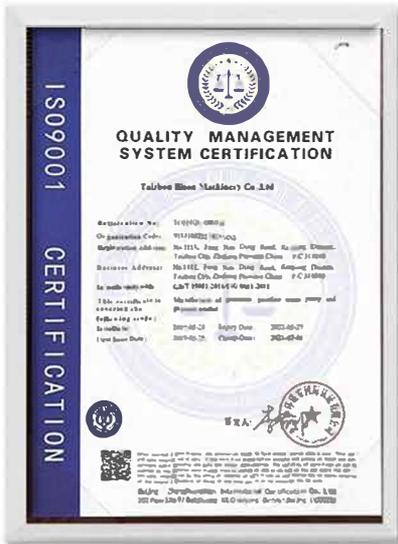
CE2



CE3



Euro-5



ISO9001-2021



ROHS



TUV

# Concrete Vibrator

BISON internal concrete vibrators HP-VP series, using the pendulum principle, 3000rpm of the drive unit translates via the flexible shaft into 12,000 vibrations per minute in the poker head. The low output speed ensures high reliability and extended service life, can be used between two types of drive units (interchangeable) HP-V series, with 7 standard poker diameters.



BS-VH



BS-VHC



BS-VE2



## Concrete vibrator drive unit- powered by engine

Model	BS-VH	BS-VR	BS-VS	BS-VHC	BS-VD
Engine	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17	Petrol, Loncin G200F	Diesel, HP170F
Type of Combustion	Air-cooled, single cylinder, 4-stroke				
Power(HP)	5.5	5	6	6.5	3.8
Weight kg(Kg)	22	22	22	22	31

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

## Concrete vibrator drive unit- powered by Electric Motor

Model	Power input(KW)	Voltage(V)	Frequency(HZ)	Phase	Unloaded Speed(RPM)	Weight(Kg)
BS-VE1	1.1	220	50/60	Single	2850	8
BS-VE2	1.5	220	50/60	Single	2850	8
BS-VE3	2.2	220	50/60	Single	2850	8

※ Features and specifications are subject to change without notification

### Ball type coupling



### Dynapac coupling



### Australian coupling



# Concrete Vibrator



BS-VPS38



BS-VPS60

## Vibrator Poker



## Vibrator Poker HP-VPS series(with spring type)

Model	Vibrator Head Dia. x Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
BS-VPS28	28 x 450	12000~14000	3000~3600	1.4	30	10	6M(4~10M)	15
BS-VPS32	32 x 450			1.8	30	10		15.5
BS-VPS38	38 x 465			1.8	30	10		16
BS-VPS45	45 x 475			2.0	30	10		17
BS-VPS50	50 x 475			2.0	32	12		19
BS-VPS60	60 x 480			2.4	32	12		22
BS-VPS68	68 x 480			2.4	32	12		23

※The flexible pipe length can be make according to your demands.

※Features and specifications are subject to change without notification

## Vibrator Poker HP-VP series(without spring type)

Model	Vibrator Head Dia. x Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
BS-VP28	28 x 450	12000~14000	3000~3600	1.4	30	10	6M(4~10M)	15
BS-VP32	32 x 450			1.8	30	10		15.5
BS-VP38	38 x 465			1.8	30	10		16
BS-VP45	45 x 475			2.0	30	10		17
BS-VP50	50 x 475			2.0	32	12		19
BS-VP60	60 x 480			2.4	32	12		22
BS-VP68	68 x 480			2.4	32	12		23

※The flexible pipe length can be make according to your demands.

※Features and specifications are subject to change without notification



# Portable Concrete Vibrator

Powered by Honda 4 stroke petrol engine with comfortable handle grip,HP-PCV portable vibrator allows operator vibrating concrete around the site with an ease to use unit. No need for electricity supply or separate drive unit.



## Features

- 4 stroke Honda engine, No oil/gasolie mixture, low noise and low emisson.
- Total mobility without depending on electric power supply.
- Optimal frequency to relieve air and voids in concrete mix.
- Well mounted swivel and isolated frame can minimize the vibrations to user.
- Strong rubber hose with 3 length options meets the demands for different applications.
- Quick connection and disconnection device on the shaft.

## Portable Concrete vibrator drive unit

Model	Engine	Power input(HP)	Unloaded Speed(RPM)	Connection to flexible shaft	Weight(Kg)
BS-PCVH	Petrol, Honda GX35	1.6	7500~8000	Square Socket	7
BS-PCVHC	Petrol, Chinese Engine	1.6	7500~8000	Square Socket	7

※ Other engines are available as requested

Features and specifications are subject to change without notification

## Vibrator Poker HP-PCV series

Model	Vibrator Head Dia.×Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
BS-PCV35	35 × 335	12000~14000	6500~7500	1.0	30	10	1~2M	8
BS-PCV38	38 × 380			1.2	30	10		9
BS-PCV45	45 × 400			1.3	30	10		10

※ The flexible pipe length can be make according to your demands

※ Features and specifications are subject to change without notification

# Eccentric Concrete Vibrator



BS-ECVR



BS-ECVE



BS-ECV38



## Features

- Strong plastic housing with double insulation and water-proof protection.
- Oversized motor, with reinforced cable against bending.
- Lightweight vibrator provides easier handling and portability in situations with limited access.
- Faster consolidation by high cycle frequency and powerful centrifugal force.

## Eccentric Concrete vibrator drive unit-powered by engine

Model	Engine	Power input(HP)	Unloaded Speed(RPM)	Connection to flexible shaft	Weight(Kg)
BS-ECVH	Petrol,Honda GX160	5.5	18000	Hexagonal Socket	42
BS-ECVR	Petrol,Robin EY20	5.0	18000	Hexagonal Socket	42

※Other engines are available as requested

※Features and specifications are subject to change without notification

## Eccentric Concrete vibrator drive unit- powered by Electric Motor

Model	Power input(KW)	Voltage(V)	Frequency(HZ)	Phase	Unloaded Speed(RPM)	Weight(Kg)
BS-ECVE	2.3	220	50/60	Single	18000	6

※Features and specifications are subject to change without notification

## Eccentric Vibrator Poker HP-ECV series

Model	Vibrator Head Dia.×Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
BS-ECV32	32 × 335	12000~14000	12000~14000	1.0	30	10	2M(1~4M)	8
BS-ECV38	38 × 380			1.2	30	10		9
BS-ECV45	45 × 400			1.3	30	10		10

※The flexible pipe length can be make according to your demands

※Features and specifications are subject to change without notification

# ● Eccentric Concrete Vibrator (Japan Type)



**BS-ECVR**



**BS-ECV38**



Hose Coupling



Engine Coupling

## Features

- Strong plastic housing with double insulation and water-proof protection.
- Oversized motor, with reinforced cable against bending.
- Lightweight vibrator provides easier handling and portability in situations with limited access.
- Faster consolidation by high cycle frequency and powerful centrifugal force.

## Eccentric Concrete vibrator drive unit-powered by engine (Japan type)

Model	Engine	Power input(HP)	Unloaded Speed(RPM)	Connection to flexible shaft	Weight(Kg)
BS-ECVH	Petrol,Honda GX160	5.5	12000	Hexagonal Socket	42
BS-ECVR	Petrol,Robin EY20	5.0	12000	Hexagonal Socket	42

## Eccentric Vibrator Poker HP-ECV series (Japan type)

Model	Vibrator Head Dia.×Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
BS-ECV38	38 × 380	12000~14000	10000~12000	1.2	30	10	4M(3-6M)	9
BS-ECV45	45 × 400			1.3	30	10		10

- ※ The flexible pipe length can be make according to your demands
- ※ Features and specifications are subject to change without notification

## Concrete Vibrator(Russia type)



BS-RE1



BS-RP38

BS-RP51



### Concrete vibrator drive unit- powered by Electric Motor

Model	Power input(KW)	Voltage(V)	Frequency(HZ)	Phase	Unloaded Speed(RPM)	Weight(Kg)
BS-RE1	1.1	220	50/60	Single	2850	10
BS-RE2	1.5	220	50/60	Single	2850	12
BS-RE3	2.2	220	50/60	Single	2850	14

※ Features and specifications are subject to change without notification

### Vibrator Poker HP-RP series

Model	Vibrator Head Dia.×Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
BS-RP38	38 × 442	12000~14000	2800~3000	1.6	30	10	6M(4~10M)	15
BS-RP51	51 × 442			2.0	36	14		19
BS-RP76	76 × 450			2.4	36	14		23

※ The flexible pipe length can be make according to your demands.

※ Features and specifications are subject to change without notification

## Submersible Pump



### Submersible Pump (Flexible Shaft Pump)

Our pump is compact with aluminium casting body and can be used with ease even in areas without access to power supply

The high performance pump is so designed that it is free from trouble due to foreign Objects .The pump can be driven by the engines through flexible shaft inserted in the hose.Our pump and vibrator could have the same connections.Recommended drive units are our HP-V series

Model	Discharge Dia mm(in)	Max.Lift (m)	Max.Capacity (l/h)	Rotational Speed(RPM)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (m)	Weight (kg)
BS-SP2	50 (2)	16	1200	3000-3600	32	12	6M	21
BS-SP3	75 (3)	16	1500	3000-3600	32	12	(4~10M)	22



# Power Trowel

Specially used in room

## Features

- Independent rotating flywheel, allowing operation in tight corners and in confined spaces
- Over-built gearbox assures long service life
- Height adjustable handle, assures operator comfort & easy control
- Screw control ensures precise blade adjustment



**BS-S60H**

## -S60 series

Model	BS-S60H	BS-S60R	BS-S60S	BS-S60D
Engine	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17	Diesel,HP170F
Type of Combustion	Air-cooled,single cylinder,4-stroke			
	Trowel diameter:570mm	Speed range:60-100(r/min)	Pitch range:0-15°	
	Operating weight:56kg	Shipping size (package size):870 x660x 740mm		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



**BS-S80R**



## -S80 series

Model	BS-S80H	BS-S80R	BS-S80S	BS-S80D
Engine	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17	Diesel,HP170F
Type of Combustion	Air-cooled,single cylinder,4-stroke			
	Trowel diameter:740mm	Speed range:60-100(r/min)	Pitch range:0-15°	
	Operating weight:75kg	Shipping size (package size):1020 x860x 750mm		

※ Other engines are available as requested

※ Features and specifications are subject to change without notification



# Power Trowel



Lifting Hook

Emergency stop lever

## -S100 series

### BS-S100L

Model	BS-S100H	BS-S100R	BS-S100S	BS-S100D
Engine	Petrol,Honda GX160	Petrol,Robin EY20	Petrol,Subaru EX17	Diesel,HP170F
Type of Combustion	Air-cooled,single cylinder,4-stroke			
	Trowel diameter:920mm	Speed range:60-100(r/min)	Pitch range:0-15°	
	Operating weight:80kg	Shipping size (package size):1020 x 1020x 750mm		

※Other engines are available as requested

※Features and specifications are subject to change without notification



### BS-S120H

## -S120 series

Model	BS-S120H	BS-S120R	BS-S120S	BS-S120D
Engine	Petrol,Honda GX270	Petrol,Robin EY28	Petrol,Subaru EX21	Diesel,HP178F
Type of Combustion	Air-cooled,single cylinder,4-stroke			
	Trowel diameter:1140mm	Speed range:60-100(r/min)	Pitch range:0-15°	
	Operating weight:100kg	Shipping size (package size):1250 x 1250x 850mm		

※Other engines are available as requested

※Features and specifications are subject to change without notification



# Ride-On Power Trowel

Ride-on power trowel is an efficient and cost-effective choice for accurate and large scale concrete surface finishing.



Fine handle control for blade pitch ensures precise blade adjustment



Two handles control all directions



### BS-TS80

## Features

- Heavy duty gearbox provides longer life and low maintenance.
- Adjustable sliding seat for Front-To-Back.
- Super heavy-duty gearbox and spider assembly stands up to the most grueling job.
- Foldable wheel controls make a convenient and ergonomical adjustment on the blade pitch.
- Tool kit in convenient location easy for operator.

## Technical Specification

Model	BS-TS80D	BS-TS100H
Engine	Petrol, DH420	Petrol, Honda GX690
Weight	270kg	350kg
Rotor Diameter	740mm	910mm
Working Diameter	≥ 1600mm	≥ 1950mm
Working Efficiency	0~125rpm/min	0~180rpm/min
Working Speed	280~380m <sup>2</sup> /H	300~400m <sup>2</sup> /H
Blade Diameter	265 × 150 × 2mm	355 × 150 × 2mm
Dimension	1620 × 910 × 1320mm	1960 × 1010 × 1260mm



# Surface Finishing Screed

## Surface Finishing Screed HP-SF1



The blade can be easily changed within 3 minutes

**BS-SF1**

### Features

- Specially design, hardened aluminium blade ensuring a smoother finish than conventional screeds
- Heavy rubber mounts to reduce the vibration level on the handle
- Adjustable handle in height, vertical & horizontal position (optional)
- The rounded ends of the blade make it easy to go around obstacles
- The tilt-up stand keeps the engine out of concrete or off the ground when not in use
- One piece casting body easy connect to engine
- Emergency stop switch available
- 7 different working widths: 4ft/1.2, 6ft/1.8m, 8ft/2.4m, 10ft/3.0m, 12ft/3.7m, 14ft/4.3m, 16ft/4.9m
- Easily changed blades

Model	Power	Power KW(HP)	Weight kg
BS-SF1H	Petrol, Honda Gx35	1.1 (1.5)	12
BS-SF1HC	Petrol, Chinese engine	1.1 (1.5)	12

※Other engines are available as requested

※Features and specifications are subject to change without notification



### Weight of blades

Blade Size m	1.2	1.8	2.4	3	3.7	4.3	4.9
Weight kg	2.9	4.36	5.81	7.3	8.7	10.1	10.16

※Other engines are available as requested

※Features and specifications are subject to change without notification

# Scarifying Machine



BS-SM1

## Scarifying Cutters

- Range of cutters including Tungsten Carbide Tip/TCT Cutters, Steel Milling Cutters and Steel Scarifying Cutters to suit most machines
- Hardened bore or fully hardened body (for TCT cutters) and hardened body (for steel cutters)
- Plated body
- High grade carbide tip k30 (TCT cutters)



BS-SM25



Milling of misaligned footpath, scabbling of concrete surfaces and milling concrete joints.



Line removal on concrete and asphalt surfaces.



A type cage



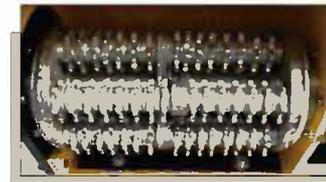
B type cage



Edger cage



Cutter shaft



Cutter for SM25

## HP-SM series

Model	Engine	Width	Depth	idth	Operation Weight
BS-SM1	GX270	9.0(6.6)	250mm		84kg
BS-SM25	GX270	9.0(6.6)	250mm		90kg

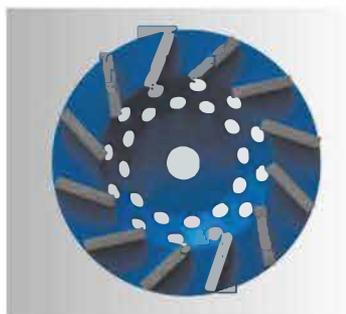
※ Other engines are available as requested

※ Features and specifications are subject to change without notification

# ● Floor Grinder



**BS-FG**



**Cutter for FG**



### Application:

- Polishing
- Removing surface coating
- Grind uneven expansion points
- Smoothing and leveling concrete
- Removing adhesives
- Level concrete high spots
- Repair rain damaged concrete slabs
- Removal of rubber carpet backing

### HP-FG series

Model	Engine Type	Power HP(KW)	Working Width	Operation Weight
BS-FG	GXV160	5.5(4.0)	250mm	92kg

※ Other engines are available as requested

※ Features and specifications are subject to change without notification