

J F Engineering Machinery Co.,Ltd.

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Catalogue---2010

---Concrete Technology Tools

- Truss Screed
- Finishing Screed
- Walk Behind Power Trowel 24",30",36",46"
- Ride-on Power Trowel 30" 36" ·Float Pans and Blades
- Scarifying machine&scarifier cutters,beam cutters,star cutters,saw cutters
- Concrete Vibrator ·Concrete Mixer

---Soil&Asphalt Compaction Equipment

- Rammer (2-stroke&4-stroke tamping rammers.gasoline and diesel powered)
- Asphalt Plate Compactor
- Soil Plate Compactor
- Reversible Plate Compactor
- Walk Behind Road Roller
- Ride-on Road Roller

---Demolition&Cutting Technology

- Hammer ·Electrical Breaker ·Petrol Breaker
- Hand Cut Off Saw ·Walk Behind Floor Saw
- Core Drill Machine

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Concrete Technology Tools

Vibratory Truss Screed Item No.:TSc1



It sets up and cleaned in roughly half the time of other screeds. This item has three main parts: The Truss sections, The Engine Drive Kits, and The Winch Kits. The truss sections consist of three sections that can be put together to meet the length of the demands. The things need to consider then is choose what engine and what type of winch. Please assemble the three sections to the cart separeately.

Vibratory Truss Screed Functions:

Used to level up and compact consolidate the concrete road surface.

Can be applied for concrete road, storage, factory, bridge and etc, which requires high standard level smooth.

Vibratory Truss Screed Main Advantages:

High quality special aluminum alloy frame structure, high strengthen, wear-resisting, firm and durable.

Light weight, easy operation. Approximately 20kg per meter.

Can walk on some different tracks, such as wood, metal,stone.

It is combined by first-section, middle-section and the end-section. The length can be added from 3 to 20 meters.

Every section can be knocked down and assembled easily by using common tools like spanners and ect.

According to the concrete paving requirements,adjust the T bolt to form level,arc, or concave working surfaces.

The winch acssembly,T-Bolt and the quality transferring shaft are similar to world top quality.

Honda or Robin or other quality gasoline powered power supply.

Vibratory Truss Screed Technical Parameters.

Applied for concrete forming surfaces leveling, mud extracting and compaction

The Operating width \leq 20m Thickness \leq 250mm Concrete Slump \geq 4 Concrete granular \leq 40mm

The Engines we popular used are Honda GX160 and Honda GX270 and the Robin EY20,EX17.

Drive Section:L*W*H---1500mm*355mm*475mm

Rated Rotate Speed(rmp):3600 Vibrating Frequency(rmp):2860

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Vibratory Finishing Screenshot Item No.:LPS22



Features

- * Specially design, hardened aluminium blade ensuring a smoother finish than conventional screeds.
- * Heavy rubber mounts to reduce the vibration level on the handle.
- * 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 obstacles
- * One piece casting body easy connect to engine
- * Emergency stop switch available
- * 7 different working widths: 4ft/1.2m, 6ft/1.8m, 8ft/2.4m, 10ft/3.0m, 12ft/3.7m, 14ft/4. 5m, 16ft/4.9m
- * Easily changed blades.

Main Technical Parameters:

Blade Length:1.22-4.88meters

Engine:Honda GX35 Air-cooled,4-cycle,single cylinder or Chinese quality 2-stroke gasoline engine

Rated output Power:1.1kw(1.5HP)

Vibration Frequency:3600 belows/min

Weight(without blades):12.7Kgs(28.0Lbs)

Blade material:alloy aluminium Blade with arc shape at the edges.

Finishing screed powered by petrol engine, provides uniform vibration over the entire blade length and enhances concrete compaction, makes it possible to level up to 4 times more concrete than the traditional method, and do it more accurately.



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Foldable Edge Power Trowel Item No.:CT24-1



Engine: Honda GX160 or Chinese quality 4-stroke gasoline engines

Features and Advantages.

- 1) Independent rotating flywheel, allowing operation in tight corners and in confined spaces
- 2) Foldable handle easy for transportation and storage
- 3) Lifting hook available (optional)
- 4) Over-built gearbox assures long service life
- 5) Heavy-weight design to assure a superior finish
- 6) Height adjustable handle, assures operator comfort & easy control
- 7) Centrifugal safety switch, shuts the engine down in the event of no control of the people.
- 8) Screw control ensures precise blade adjustment
- 9) Throttle control is available as optional

The rotary guard ring ensures the trowel an effective working with edges and corners. The machine is suitable to the floating and finishing of the mini-pavement or the surfaces around walls, corners and columns, etc.

The excellent dynamic stability(while blades rotating)guarantees the operation to work more comfortably

The handle arm is designed to be front-installed and foldup. It's convenient to be transported and stored. Even portable.

Diameter	600 mm/24"
Rotation Speed	70-140 r/min
Adjustable Degree	0-15 degree
Number of Blades	4pcs
Dimension(L*W*H)	1080*665*730 mm
Shipping Size (L*W*H)	1130*715*830 mm
Operating Weight/Shipping Weight:	56kgs/65kgs

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Walk-Behind Power Trowel CT30 CT36 CT46



CT36



CT46



CT30

30" 36" 46" Walk-Behind Power Trowel CT30 CT36 CT46

Features and Benefits

- 1)36" (90 cm) width.
- 2)Adjustable in 36" type and 30" type with disassembling the frames.
- 3)Precision engineered heavy duty gearboxes have up to two year warranty.
- 4)Spider plate assembly is precision machined for total balance compensation and exacting tolerances.
- 5)Close proximity of all three basic operating controls provides the utmost in operation safety and convenience.
- 6)Wide variety of finish, combination clip-on float blades or float pans.
- 7)Optional 'Instapitch' blade angle adjusting feature.

Specifications

- Blade Size 10" x 14"
- Finish Trowel Size 6" x 14"
- Combination Blade Size 8" x 14"
- Blade Speed (RPM) 130-160
- Engine Speed (RPM) 3600
- Clutch Type Centrifugal
- Variable Speed Yes
- Gearbox Oil Agma 8 compounded gear oil
- Gearbox Oil Capacity 16 oz. (473 ml), 19 oz. (562 ml)
- Engine Fuel Gasoline – Unleaded
- Cooling Air
- Starting Recoil Starter - Manual
- Dead-man Safety Switch Yes
- Fuel Capacity (approximately) 3 Gal. (12.5 L)
- Running Time (approximately) 2 ½ hours
- Quantity of Blades 4
- Engine Acoustic Power Lwa (dB) 97-103
- Engine Acoustic Pressure Lpa (Db) 82-86
- Level of Vibration 1.1-1.5
- Vibration value on the handle 7.0 aw

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30''&36'' Ride-on Power Trowel RPT2 RP36H for construction site more than 1000 square meters.



RP36H 36'' Ride-on Power Trowel

RPT2 30'' Ride-on Power Trowel

Ride-on Power trowel can be used in surface finishing of concrete road, terrace, boatyard, airport and floor etc.

- 1)Low-Rider Power Trowels take productivity and flatness to a new level by lowering the combined machine/operator centre of gravity.
- 2)A lower centre of gravity translates into less machine wobble as the operator manipulates steering levers and rotor orientation to effect changes in the direction of travel over the slab.
- 3)Moreover, the weight to coverage area is lower than in competitive machines, allowing Low-Rider Power Trowels to get on the slab faster than other makes.
- 4)Low-Rider Power Trowels feature a unique tubular main frame that surrounds the steering linkage, gearboxes and other components and keeps concrete away from sensitive areas.
- 5)Synchronised steering allows for precision control of the machines.
- 6)24HP Honda engine provides ample torque for demanding pan / float and plenty of top end for high-speed finishing.
- 7)The trowel comes with lights, spray kit and adjustable seat as standard equipment.

Functions:

- 1) Ride-on operation reduces intensity of labor and increases efficiency of work.*
- 2)With dual rotor, more heavier weight and much more better compaction, the efficiency is higher than walk-behind power trowel.*
- 3) A non-overlapping is designed for two pans working.*

Main Technical Parameters:

Weight	288 kg
Overall size(LxWxH)	2100 mm x 1050 mm x 1000 mm
Working surface	1940 mm
Diameter	2 x 900 mm
Engine	24 HP Honda Motor Unleaded Fuel, Electric Starter
Control system	Manual lever-driven
Accessories	Water tank, floodlight, battery

Options: Transporting wheels, Water Sprayer, Combination Blades, Float Pan

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Pans&Float Blade&Finishing Blades for Power trowels



30''&36'' Ride-on Power Trowel float pan



Walk behind Power Trowel float pan

Float Pans Super float 1/8'' float Float 3/8'' float 24'',30'',36'' for walk behind or ride-on trowels using. Edger Pan 90 degree folded lip for a closer finish from wall

Plastic Pan Size:24'',30'',36 1/2'',45 3/4''(4 blades),45 3/4''(5 blades),45 1/2''(4 blades),48 1/2''(5 blades)

Float Clip-On Blades



Float Clip-On Blades

9''x14''(23x36cm) 10''x13 1/4''(25x33.6cm) 10''x14''x12ga(25x36cm) 10''x 18''x11ga(25x46cm)

Float Blades

Float Blades are made from an abrasive resistant steel. This is a wide blade, with all edges turned up. This blade is used flat. To use float blades, a finisher will wait only until the concrete is hard enough to support his weight. The blades are used in a flat position and their function is to pack the surface aggregate into the slab and force the water to the top. These blades can be reversed.

Finishing Blades



***6''x10 1/2''x0.063''thickness 6''x14''x0.063''thickness 6''x18''x0.063''thickness
6''x18''x0.092''thickness***

Finish Blades

Finish Blades are made of a quality spring steel. These are narrow, 6 inch wide blades. The length varies according to the diameter of the machine on which they are to be used. All finish blades are reversible (can be turned end for end). This blade is used when the concrete has begun to set. The blades are tilted from 3 degrees to 5 degrees and usually used at full speed. They make the concrete surface hard and glossy.

Heavy Duty Trowel Blades Gold type(Chrome coating) Blue type

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Combination Blades&Plastic Blades for Power Trowels.

Combination Blades



**4 3/4"x9"x0.062"thickness 4 3/4"x10 5/8"x0.062"thickness 8"x14"x0.074"thickness
8"x18"x0.074"thickness**

Reversible Combination Blades

Combination Blades

Combination Blades will do both floating and finishing operations. This blade is not reversible. The combination blade has three (3) edges turned which allows it to be used flat in the floating position and tilted in the finish position.

Plastic Blades for longer services and not spots on the color surfaces.



Scarifying Cutters for Scarifying Machines.



Tungsten Carbide Tipped Cutters :

For all Concrete Texturing, Scabbing, planing and grooving applications. Also used for the removal of road markings, roof chippings and brittle coatings.

Milling Cutter :

Tungsten carbide tipped cutter for the removal of thermoplastic road and runway markings, bituminous and rubber deposits.

Star Cutters :

Heat treated steel cutters for the removal of paint coatings and laitance from new floors. More aggressive than the beam cutter. Also used for removing build up of grease, dirt and ice.

Beam cutter :

Heat treated steel cutter for the removal of paint coatings and laitance from new floors. Also for removing build up of grease, dirt and ice

More Specifications of the scarifier cutters as follows:

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Scarifier Cutter

Cutter Sizes		Packing Infos		
5T	42×6×16	500pcs/box	Box Size(mm):265×265×150	G.W.(kg):22
	46×6×16	500pcs/box	Box Size(mm):265×265×150	G.W.(kg):25
6T	46×6×15	500pcs/box	Box Size(mm):265×265×150	G.W.(kg):24
	56×6×(16,18,20,25)	320pcs/box	Box Size(mm):265×265×150	G.W.(kg):24,30,29,27,25
8T	58×6×(16,18,20,25)	320pcs/box	Box Size(mm):265×265×150	G.W.(kg):30,29,28,25
	67×6×(16,18,20,25)	320pcs/box	Box Size(mm):265×265×150	G.W.(kg):28
	80×8×(25,30)	108pcs/box	Box Size(mm):280×190×170	G.W.(kg):21, 20
12T	80×8×(25,30)	108pcs/box	Box Size(mm):280×190×170	G.W.(kg):26,24

Tungsten Carbide Milling Cutters

Beam Cutter

12T	42.5×4×15	450pcs/box	Box Size(mm):280×190×170	G.W.(kg):28
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Milling Cutter

7T	35.6×12×(11.6,13.5)	250pcs/box	Box Size(mm):265×265×150	G.W.(kg):29.5
	39×12×13.5	250pcs/box	Box Size(mm):265×265×150	G.W.(kg):32
	46×15×15.3	120pcs/box	Box Size(mm):280×190×170	G.W.(kg):22
8T	42×11×(13.5,15)	200pcs/box	Box Size(mm):280×190×170	G.W.(kg):27
12T	55×20×22	72pcs/box	Box Size(mm):280×190×170	G.W.(kg):29

Saw Cutter

10T	26.5×(2.8,3.5)×11.9	1500pcs/box	Box Size(mm):280×190×170	G.W.(kg):20,24
18T	32×3.18×16	1050pcs/box	Box Size(mm):280×190×170	G.W.(kg):25
	41×3.18×16	600pcs/box	Box Size(mm):280×190×170	G.W.(kg):26

Star Cutter

15T	30.5×5.5×11.2	750pcs/box	BoxSize(mm):280×190×170	G.W.(kg):20
	30.5×(2.5,4)×11.5	1500/900pcs/box	BoxSize(mm):280×190×170	G.W.(kg):20.5/23.2
	50×5×16	405pcs/box	BoxSize(mm):280×190×170	G.W.(kg):27
23T	36.7×6×14.48	400pcs/box	BoxSize(mm):280×190×170	G.W.(kg):26
	40×5.5×14.48	400pcs/box	BoxSize(mm):280×190×170	G.W.(kg):21.5

Steel Chipper Cutters

Beam Cutter

12T	44×2.5×15	1000pcs/box	BoxSize(mm):230×190×145	G.W.(kg):18
	60×5×25.5	400pcs/box	BoxSize(mm):265×265×150	G.W.(kg):22
	85×3.0×30	300pcs/box	BoxSize(mm):280×190×170	G.W.(kg):22
15T	75×5×25.4	300pcs/box	BoxSize(mm):280×190×170	G.W.(kg):25

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Saw Cutter

18T	38×3.2×16.2	1400pcs/box	BoxSize(mm):280×190×170	G.W.(kg):23
	32×3.2×16.2	1200pcs/box	BoxSize(mm):230×190×145	G.W.(kg):14

Star Cutter

15T	60×2×25.5	960pcs/box	Box Size(mm):265×265×150	G.W.(kg):21
18T	51×(4.4,8)×13	800pcs/box	Box Size(mm):265×265×150	G.W.(kg):34
	32×2.5×(6.65,8.23)	1500pcs/box	Box Size(mm):230×190×145	G.W.(kg):19
	38×2.5×13	800pcs/box	Box Size(mm):230×190×145	G.W.(kg):21
	42×3.2×(9.83,13,15)	800pcs/box	Box Size(mm):230×190×145	G.W.(kg):17

Tool Drum

200(8") 6pcs/box Box size(mm):400×260×290 G.W.(kg):23

250(10") 3pcs/box Box size(mm):630×220×380 G.W.(kg):28

Scarifying Machine



JFS200H Small Road Scarifier

- 1.Remove the uneven part of the concrete, asphalt roads, epoxy resin as well as the wearable ground, and mildly scratch the ground.
- 2.Clean the surface coatings, paints, and several of road markings.
- 3.Remove the contaminants like dirt and old floor surface when ground damaged

Main parameters:

1. Widest working width: 200mm
2. Working depth: 1.6-3mm
3. Drum Assembly: Changeable
4. Depth control: Adjustable
5. Shafts for cutter drums: 4
6. Working efficiency: 70M²/h

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JFS200H Small Road Scarifier main function advantages:

1. Designed working width: 200mm
2. 4-axis milling cutter drum, a variety of cutters
3. Precise pitch adjustment
4. Can be linked with the cleaning equipments.
5. Quick-change drum design.

Model No.	JFS200BE	JFS200BP	JFS200BR	JFS200H
Motor	Electric Motor	Chinese Petrol Engine	Petrol Robin EX28	Petrol Honda GX160
Power Kw(hp)	2.4(3.2)	4.0(5.5)	4.8(6.5)	4.0(5.5)
Blade Diameter cm	35(14)	35(14)	35(14)	35(14)
Max.cutting Depth cm (in)	12.5(5.0)	12.5(5.0)	12.5(5.0)	12.5(5.0)
Max.Length of Cut cm (in)	42(16.5)	42(16.5)	42(16.5)	42(16.5)
Dimension cm(in)	96x45x73 (38x18x29)	96x45x73 (38x18x29)	96x45x73 (38x18x29)	96x45x73 (38x18x29)

Concrete Vibrators

1)Electrical Motors Driven:

Three Chinese types,Two Malaysia types,Three Japanese types,One Russia types.

One Handy electrical motor and new electrical portable motor

2)Gasoline Engines Driven:

4-stroke Robin EY20,Honda GX160,Chinese engines. 2-stroke Honda GX35,Chinese 2-stroke engines 1.5HP

3)Diesel Engine Driven:Chinese 4-stroke diesel engine

Special Dam construction big concrete vibrators.

4)Shaft Joint Types:

A:Japanese types---hexagonal joint,hexagonal with clamp with joint B:Turkish type---half moon

C:Malaysia type---Dynapac type D:Australia type---3 prong head joint

E:Chinese types---Square joint&Cylindrical joint

5)Different Quality Engine Couplings

6)Engine housing(Japan,Korea and other types)

7)Vibrator head diameter: 28mm, 32mm, 35mm, 38mm, 45mm, 50mm,60mm, 70mm

8)Length of shaft: 3 - 12m available

9) Vibrator hose diameter: 30mm, 32mm, 36mm

10) Flexible shaft diameter: 10mm, 12mm, 13mm


The vibrator is driven by motor, transmitted by flexible shaft, speed increased through planet structure, then gain high frequent vibration. Following is our products advantages:

- 1.Can provide all kinds of coupling besides the standard of Hexa. type and Dynapac Type.
- 2.The steel roll inside the flex.hose adopt 70#Mn steel while high-density steel wire is put into the hose ,both of this insure the long-time working life.
- 3.Every interface are sealed by special glue which prevent water,oil from penetrating into the shaft while working

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Electrical Vibrators

Chinese Type A JVC-A	Japanese Type B JVJ-B	Chinese Type B JVC-B	Electrical Handy Vibrator
			
Russian Type JVR	Japanese Type A JVJ-A	Japanese Type B JVJ-B2	
			
Chinese Type C JVC-C	Malaysia Type A JVM-A	Malaysia Type B JVM-B	
			

4-stroke Gasoline&Diesel Vibrator

Robin Engine(EY20) Vibrator JVR	Honda GX160 Engine Vibrator JVH	Copy Honda Robin Vibrator JVC	Diesel Engine Vibrator JVD-1	Diesel Engine Vibrator JVD-2
				

2-stroke Gasoline Concrete Vibrators

Portable Concrete Vibrator JF35



Bar Diameter:35mm,38mm,45mm
 Engine Power:2HP Chinese engine or Honda GX35
 Rotated Speed:7500r/min Hose Length:1-2m

Bag Concrete Vibrator JBC21

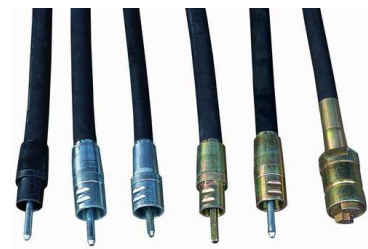


Bag Gasoline Honda GX35 or Chinese copy.
 The operating weight only 6kgs.
 Flexible Shaft length:1.5meter/2.0meter

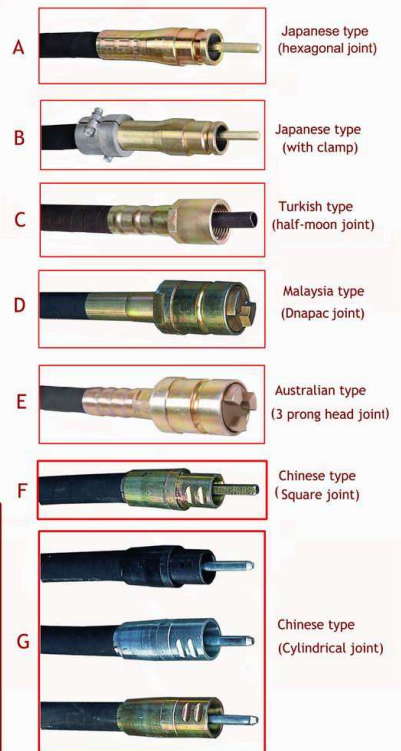
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Flex Tube Infos



High quality Concrete vibrator with differenet joint type
 Size from 25mm to 70mm
 Length from 1m to 10m
 Strengthened hose



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Australia Type



Chinese Type



Japanese Type



Chinese Type-1



Eletrical Type-1



Malaysia Type



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Engine Housing.



Concrete Mixer



Mortar Mixer MM150 Specifications

Model	MM150
Motor	Electrical 550W(1/2HP)
Power supply	230V,2.4A / 110V,5A
Frequency	50HZ/60HZ
Bucket Capacity(L/gal)	60/13.2
Batch output Vol.(L/gal)	56/12.3
Drum Diameter (mm/inch)	580/23
Paddle Speed (rpm)	57
Operating Weight(kg/lbs)	28/62,32/70.5
Wheel Size(mm/inch)	127/5
Operating Dimensions	670mm(26")L*580mm(23")W*630mm(25")H

Portability	To move the Mixer 60 grab hold here and it rolls just like a suitcase on wheels.
	The plastic bucket can be lifted by hand, or it can be rolled to the work area with the optional dilly
Gearbox Drive	The Mixer 60 is powerful and reliable, as the drive system is based upon IMER extremely successful direct drive gearbox motor combination.

Labor Savings

- 1)Hand held drill motors are technology of the past. They are awkward, dangerous, wear out quickly and require the full attention of the operator.
- 2)The Mixer 60 batches material automatically, freeing the operator for other duties. While the epoxy paddles

thoroughly mix the stiffest materials.

Reliability

The fully enclosed motor is quipped with a thermal magnetic switch which provides both low voltage and over heating protection.

Safety

The safety interlock system is an industry first. Raise the mixing paddles and the motor stops.

The plastic batch bucket is formulated with a special wear resistant PVC compound. Each machine comes with two buckets, while one batch is being mixed, the other is being applied.



Portable Concrete Mixer CM100L Specification

Model	CM100L	
Engine	Petrol HONDA GX160 or Robin EY20 motor	Single Phase Eletrical Motor
Engine Type	4-stroke air-cooled single-cylinder	110-120V/60HZ,220-240V/50HZ
Power kw	5.5hp/5.0hp	370W
Rotate Speed(r/min)	3600	1680
Drum Capacity	140L/5CF	
Drum Output Vol.	100L/3.57CF	
Drum Diamter(mm)	240	
Batch Output	275lbs	
Batch Capacity Bag	1	
Discharge outlet Height	8"	
Wheel Size	10"*2.5"	
Overall Dimension	1000mm*700mm*900mm	
Operating Weight(kg)	55	58
Packing Size(mm)	810mm*710mm*540mm	
Petrol Type	unleaded gasoline	
1)	Portable,effective mixing,high quality,compact design with large transportation wheels.1min knock down	
2)	This mixer is mainly used in the field of small-scale architechture and decoration for mixing mortar,cement,ect.	
3)	Proper design for the materials dumping.Rugged steel construction ensures long service life for construction and farm use.Optinal work stand available for easy dumping.	

Ideal for family using and small contrators,fitting conveniently into the truck.



Portable Concrete Mixer CM100-120-140-160-180L Specifications

Model	CM100-130-150				
Engine	Petrol HONDA GX160 or Robin or Lucin		Single Phase Eletrical Motor		
Engine Type	4-stroke air-cooled single-cylinder		110-120V/60HZ,220-240V/50HZ		
Power kw	5.5hp/5.0hp/2.8hp		370W	375W	650W
Drum Capacity	100L	120L	140L	160L	180L
Drum Output Vol.	70L	80L	100L	120L	130L
Batch Capacity Bag	1				
Discharge outlet Height	8"				
Wheel Size	10"*3"				
Overall Dimension(cm)	120*71*110	120*100*126	130*100*130	130*100*136	130*100*140
Operating Weight(kg)	65	72	76	78	82
Petrol Type	unleaded gasoline				
1)	Portable,effective mixing,high quality,compact design with large transportation wheels.1min knock down				
2)	This mixer is mainly used in the field of small-scale architechture and decoration for mixing mortar,cement,ect.				
3)	Proper design for the materials dumping.Rugged steel construction ensures long service life for construction and farm				



Concrete Mixer JCM100 Specifications

Model	JCM100A	JCM100B
Motor	Eletrical Motor	Diesel Engine
Power	370W/550W	2.5HP
Drum Capacity(l)	100/125	100/125
Weight(kg)	55/59	60/65
Drum Upper	1.2mm	1.2mm
Drum Lower	1.8mm	1.8mm
Packing Size	820×720×480	820×720×420
Container Vol./20"	132	132

1)	Portable, effective mixing, high quality, compact design with large transportation wheels. 1min knock down
2)	This mixer is mainly used in the field of small-scale architecture and decoration for mixing mortar, cement, ect.
3)	Proper design for the materials dumping, Rugged steel construction ensures long service life for construction and farm use. Optimal work stand available for easy dumping



Concrete Mixer JH125X Specifications

Model	JH125X-1	JH125X-2
Motor	Electrical Motor	Diesel Engine
Power	2.2KW	5.5HP
Drum Capacity(l)	350L	
Max Vol. of Mixed	260L	
Weight(kg)	328	

1)	Portable, effective mixing, high quality, compact design with large transportation wheels. 1min knock down
2)	This mixer is mainly used in the field of small-scale architecture and decoration for mixing mortar, cement, ect.
3)	Proper design for the materials dumping, Rugged steel construction ensures long service life for construction and farm use. Optimal work stand available for easy dumping



Concrete Mixer JCM170-260 Specifications

Model	JCM170	JH125X-2
Motor	Diesel Engine/Motor	Diesel Engine/Motor
Power	4-9HP/2.2KW	5.5-9HP/2.2KW
Drum Capacity(l)	260	350
Max Vol. of Mixed	170	260
Weight(kg)	338	353
Packing Size(L×W×H)	1850×830×1100mm	1850×830×1100mm

Gasoline Engines are available.

JCM170260 Concrete Mixer have two models differed by driven style: by engine and by motor. It is suitable for mixing mortar, with merits of small volume, easy for transport, high efficiency and outstanding quality.

280L Concrete Mixer



JCM150 Concrete Mixer has two models differed by driven style: by engine and by motor. It is suitable for mixing mortar, with merits of small volume, easy for transport, high efficiency and outstanding quality.

Type	Power	Dimension(MM)	Quantity	in	Volume(L)	Max Volume of Mixed(L)
JCM150	4-9HP Engine	Diesel 2.2KW Motor	24pcs		400	280
Note	Gasoline engine is available					

J F Engineering Machinery Co.,Ltd.

Address:Room 408,27 Wuxia road,Qingdao China Zip Code:266002 www.jiafl.com

Soil&Asphalt Compaction Equipment

Trench Tampers



2-stroke Trench Tamping Rammers

This Jump Jack tamping rammer is designed for the compaction of cohesive, mixed and granular soils in confined areas.

Ideally suited for compaction of backfill around foundations and forms,subgrades underneath footings and base preparation for concrete work such as slabs, curbs and gutters.

Also useful for various utility and municipality related jobsites for compaction over pipelines,gas and cable trenches and base preparation for patching of streets and sidewalks.

VIBRATION SPECS.

Packing informations.

Percussion Rate	700 blows/min	Packing size (mm) 1100*820*430
Percussion Force	16kn	Container loading quantity 72pcs/20GP
Stroke	65mm	Documents:Instruction, packing list, certificate of guarantee
Force /per below	100J	Spare parts:Wrenches,Screw M6*16,Nut M6,Spark plug,Gaskets,
Travel speed	9.5m/min	fuel bottle
Surface Capacity	230 m ² /h	Copy from Wacker BS60Y 2-stroke gasoline powered jump jack.

DRIVE SPECS.

Feactures

Engine	1E45F-3B (copy of WM80)	2-cycle engine,specifically designed for rammer applications,meets EPA air emissin standards. Large enclosed air filtration system is easy to clean and protected from damage Single lever controls engine starting, speed, and stopping
Engine Type	2-stroke air-cooled	
Displacement	80cc	
Max. Power	2.0kw	
At	4400 rpm	

CAPACITIES

Fuel Tank Capacity	3L	Exclusive noise reducing cover lowers the engine and shoe noise transmitted to the operator
Fuel Type	Mixture oil	
Fuel Consumption	0.9 l/h	

WEIGHT&DIMENSIONS

Operating Weight	65kgs/70kgs	Large capacity, corrosion proof fuel tank with self-cleaning, in-tank filter offers long life and minimum maintenance
Working Width	11"	

Well-balanced, lightweight machine for easy operation and transportation.

Shockmounted guide handle with special design minimuzes operator fatigue.

Fuly sealed, oir-lubricated ramming system ensures trouble-free operation and fast cold weather start up.

Tinker-proof diaphragm carburetor eliminates unauthorized adjustments

Long shoe stroke gives excellent compaction even in difficult-to-compact cohesive soils.

4-stroke gasoline&Diesel tamping rammers



GR7H(Honda GX100-kr4) GR8R(Robin EH12-2D) JFD80(diesel engine)

we can offer rammers with original Honda GX100-kr4 and GX120-AR, original Robin EH09 and EH12-2D.

Yamaha Gasoline engine, Honda GX160, Honda 6.5HP power and quality diesel engine 170F.

Different shoe sizes we can offer for rammers. Wacker and Mikasas Technology using.

Applications

GR8R trench tamper is effectively in compacting **cohesive, granular, clay soil, mixed soils and refilled earth in narrow working areas** like followings:

1. Construction Sites---building foundations and backfilled soils around the walls, the bases for the concrete base kits of the buildings.
2. Public and Municipal buildings---backfilled soils for pipes system and pipe building compaction, streets, highways and pavements repairs' compacting including concrete and asphalt bases.

GR8R Functions Engine: 4-stroke Air-cooled, single-cylinder ROBIN EH12-2D Gasoline Engine OHV type. Oil-injected and float carburettor. 4HP max power. High anti-vibration and world-wide warranty service.

Optimum balance and low center of gravity and HAV with up and nether double springs system for comfortable and safe operation.

The switch designed for the operator easy controlling is made of nylon plastic. Option switch is made of steel.

The lifting kit for easy moving the rammer the trench and other narrow places by operator.

(Engine protective frame is our optional kits)

Rubber mat net holes and quality engine and well-designed ramming system for friendly environments.

1. Good fuel tank which includes inside oil filter for safe and long-term services. With additional oil filter kits to protect the engine. Good oil tube connecting system.
2. Long-term testing quality centrifugal clutch for the rugged ramming work.
3. Well heat treatment connecting rod and gears for high frequency using.
4. Oil tube system gives the ramming system more stable and powerful.
5. The oil sight glass for easily checking the oil in the cylinder of ramming system.
6. High Polymeric Rubber for tamping shoe long-term using and more comfortable operations.

J F Engineering Machinery Co., Ltd.

Address: Room 408, 27 Wuxia road, Qingdao China Zip Code: 266002 www.jiafl.com

Plate Compactors

60-80kgs Round Base plate compactor

NEW DESIGN PLATE COMPACTOR WITH CE CERTIFICATE

Colour can be yellow or others according to customers' requirement.



SHS60

Model	SHS60R-1	SHS60R-2	SHS60R-3
Engine	Air-cooled.4-stroke,single cylinder		
Engine Type	Petrol, Honda GX160	Chinese Petrol Engine	Robin EY20
Power kw(hp)	4.0(5.5)	4.0(5.5)	3.7(5.0)
Weight(kg)		60	
Frequency (HZ)		90	
Centrifugal Force (KN)		10.5	
Compaction Depth cm(in)		20(8)	
Travel Speed cm/s(in/s)		30(12)	
Turning Radius		360°	
Efficiency m ² /hr		400	
Plate Size cm)		55	
Optional parts		Wheel	



SHS80

Model	SHS80R-1	SHS80R-2	SHS80R-3	SHS80R--4
Engine	Air-cooled.4-stroke,single cylinder			
Engine Type	Petrol, Honda GX160	Chinese Petrol Engine	Robin EY20	Chinese Diesel 170F
Power kw(hp)	4.0(5.5)	4.8(6.5)	3.7(5.0)	3.8(5.2)
Weight(kg)	80			
Frequency (HZ)	90			
Centrifugal Force (KN)	13.0			
Compaction Depth cm(in)	30(12)			
Travel Speed cm/s(in/s)	30(12)			
Turning Radius	360°			
Efficiency m ² /hr	600			
Plate Size cm)	55			
Optional parts	Wheel			

55kgs Soil Plate Compactor



Features

Foldable handle for easy transportation and storage.

Open plate provides self cleaning.

Built-in wheel for easy transportation.

Heavy-duty shock mounts reduce vibration to the upper engine&handle.

Sealed belt cover to prevent sand and oil in.

Round edge protect the exciter housing and even objects around working site.

Lifting hook as standard part.

Throttle control is available as optional.

Model	QLS50
Engine Type	Chinese Petrol Engine
Power kw(hp)	1.8(2.5)
Weight kg(lbs)	54(119)
Frequency vpm	5900
Centrifugal Force kn	8.2
Compaction Depth cm(in)	20(8)
Travel Speed cm/s(in/s)	37(15)
Efficiency m ² /hr(ft ² /hr)	350(3733)
Plate Size cm(in)	43*31(17*12)
Package cm(in)	54*34*50(21*13*19)

78kgs Forward (Soil&Asphalt) Plate Compactor---GC70H



GC70

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

Features:

1. Foldable handle for easy transportation and stock.
2. Open plate provides self cleaning.
3. Built-in wheel for easy transportation.
4. Radius base plate for easy access to corners.
5. Sealed belt cover to prevent sand and soil in.
6. Heavy-duty shock mounts reduce vibration to the upper enging &handle.

With Rubber mat for brick compactions

<i>Item No.</i>	GC70-K	GC70-CH	GC70-R	GC70-H
Engine	Air-cooled,4-cycle,single cylinder OHV			
Engine Type	Diesel,Kipor 170F	Chinese Petrol Engine	Petrol,Subaru EX17	Petrol,Honda GX160
Max.Power kw(hp)	3.2(4.2)	4.0(5.5)	4.2(5.7)	4.0(5.5)
Operating Mass kg(lbs)	75(165)			
Frequency vpm(hz)	5500(91)			
Max.Centrifugal Force kn	13.0			
Travel Speed cm/s(in/s)	0-40(0-16)			
Performance m ² /h(ft ² /h)	660(7100)			
Plate Size(LxW) mm(in)	550x430(21.6x16.9)			
Gradeability	30%			
Displacement m ³ /ft ³	211(12.88)	163(9.95)	169(10.31)	163(9.95)
Fuel Tank Vol.l	2.5	3.1	3.6	3.1
Water Tank Vol. l	15			

Functions Brief

- 1)With compact design and whole close middle-placed eccenter, it can tamp the surface more effectively.
- 2)Antivibration handrail can supply more easy operation, which will be popular with the workers.
- 3)GC70 operated more safely and low upkeep design.

The New plate compactor JFP80A is ideal for sand, gravel and mixed soils in narrow trenches and along foundations, walls.



JFP80A

Features

Hand-arm vibration-2.54m/sec.

Maximum usage time 10.4 hours.

Faster travel speed for improved productivity.

Engine protection frame, also provides a lifting point.

Handle folds flat for storage and transport.

Optimum vibration 16.5kN force at 100Hz.

382 kg/m² static pressure. 23m per minute forward speed.

Model	JFP80A
Engine	Air-cooled.4-stroke,single cylinder
Engine Type	Petrol Honda,GX160
Power kw(hp)	4.0(5.5)
Weight kg(lbs)	80(176)
Frequency vpm	4200
Centrifugal Force kn	13.5
Compaction Depth cm(in)	30(12)
Travel Speed cm/s(in/s)	24(9.6)
Efficiency m ² /hr(ft ² /hr)	346(3723)
Plate Size cm(in)	60*40(24*17)
Package cm	71*43.6*61

Plate Compactor HZR-70/80/90 with CE certificate



HZR-70/80/90

The good compaction from robust and lightweight plate requires the HZR-70/80A/90A as a perfect choice. This model provides reliable and comfortable use for a variety of applications, such as compacting sandy soil, back fill and asphalt.

This model is designed to provide the lowest vibration combined with the Highest compaction performance.

Model	HZR-70	HZR-80A	HZR-90A
Weight kg (lb)	89 (195)	93 (205)	96 (211)
Dimension(L×W×H)cm(in)	110(43)X40(20)X95(37)	110(43) X 50(20)X95(37)	110(43)X50(20) X 950(37)
Plate size(L×W) cm (in)	59(23)X40(20)	59(23)X50(20)	59(23)X50(20)
Centrifugal force kn	10	15	20
Vibration frequency vpm (hz)	5500 (92)	5500 (92)	5500 (92)
Forward travel m/min	20-23	20-23	20-23
Engine	Air-cooled, 4-cycle, Gasoline		
Type	Honda GX160/Robin EX17		
Max. output kw (hp)	4.0 (5.5) /4.2 (5.7)	4.0 (5.5) /4.2 (5.7)	4.0 (5.5) /4.2 (5.7)
Max. speed rpm	3600	3600	3600
Fuel Tank liter (gal)	3.6 (0.95)	3.6 (0.95)	3.6 (0.95)

97-105kgs Plate Compactor JFP15



JFP15

Compact and latest design in plate compactors, suitable for most of compaction work, even brick paving compaction (with optional rubber mat).

Features

Ductile iron base plate provides better durability.

Open plate provides self cleaning.

Easy-remove water tank with built-in valve and no hose connecting is available.

Radius base plate for easy access to corners.

Centrally located lifting bar allows easy transportation.

Sealed belt cover to prevent sand and soil in.

Trolley wheel and rubber mat are as optional.

Model	JFP 15-1	JFP 15-2	JFP15-3	JFP15-4	JFP15-5
Engine	Air-cooled,4-stroke,dingle cylinder				
Engine Type	Honda GX160	Chinese Engine	Robin EY20	Robin EX 170F	Briggs&Stratton
Power kw(hp)	4.5(5.5)	4.5(5.5)	3.7(5.0)	3.2(4.2)	4.8(6.5)
Weight kg(bs)	97(212)	97(121)	98(214)	103(227)	99(218)
Frequency rpm			5500		
Centrifugal Force kn			13.0		
Compaction Depth cm(in)			30(12)		
Travel Speed cm/(in/s)			40(16)		
Efficiency m ² /hr(ft ² /hr)			660(7100)		
Plate Size cm(in)			53×50(21×20)		
Water tank(L)			12		
Package cm(in)	72.5×52.5×54			72.5×52.5×71	

Other kinds of Plate Compactors.(More details please contact JF China)

110kgs Single Direction Asphalt Plate Compactor
PC89 Copy from WP1550A/W



PC89

100kgs Single Direction Soil Plate Compactor
Copy from Wacker's



JF100

160kgs Reversible Plate Compactor HZR160H
Copy from Mikasas



HZR160H

166kgs Reversible Plate Compactor PC165H
Copy from Wacker BPU2095



PC165H

180kgs Reversible Plate Compactor PC180
Copy from Wacker BPU3095



PC180

330Kgs Reversible Plate Compactors JFP350



JFP350

Road Rollers

750kgs Walk behind double-drum road roller RL700D



RL700D

Walk-behind double-drum roller is ideal for compaction of granular and asphalt applications, suited to small repair and maintenance jobs such as footpath, Bridges, patching, landscaping applications.

- * 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.
- * Beveled drum edge eliminates markings on surface.
- * 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.
- * Fully hydraulic system provides infinitely variable working speed for travel and vibration, eliminating the need for regular periodic adjustments and changes compared to chain driven rollers require.
- * Built-in cooling fan is designed for longer life and continuous operation.

Double-drum road roller RL700D technical parameters:

Weigh:760kgs

Vibration drum width:650mm

Vibration Frequency:3600/min

Centrifugal Force:12KN

Traveling Speed:2.5KM/H

Grade ability:20%

VOL. oil tank:20L

VOL. water tank:38L

Engine:Diesel Kipor 178FE 7.0HP or Honda GX390 13HP

Hydraulic transmission electrical start

Double-Drum Road Roller---DDR-99

Reversible&Hydraulic&Sprinkling system&Direction changeable with imported systems from USA and Italy.



Technique parameter

Description	Metric		Imperial	
Length x width x height	2365x1020x2250	mm	93x40x88	in
Dry Weight	1100	kg	2420	lb
Operating weight	1280	kg	2820	lb
Forward drum width	900	mm	35.4	in
Forward drum diameter	560	mm	22	in
Back drum width	900	mm	35.4	in
Back drum diameter	560	mm	22	in
Water tank capacity	150	l	39	US gal
Shipping weight (including packaging)	1240	kg	2734	lb
Drive method	Variable plunger pump constant displacement hydraulic motor			
Walking method	Forward & Backward			
Vibrating clutch method	Gear pump, gear motor			
Shipping size	2462×1120×1800	mm	97x28.4x45.7	in
Engine Type	Gasoline engine, air cooled, 4 stroke, OHV, single cylinder			
Starting system	By electric			
Displacement	1028	cm ³	62.7	in ³
Fuel consumption	3.7	l/h	1	US gal/h
Fuel tank capacity	30	l	8	US gal
Hydraulic tank capacity	38	l	10	US gal
Dynamic (centrifugal) force	13	kN	2925	lb
Frequency	65	Hz	3900	vpm

Static linear force per drum (f/r)	5.5/6.6	N/mm	32/38	lb/in
Dynamic linear force per drum (f/r)		N/mm		lb/in
Variable speeds - Forward	0-8	km/h	0-5	mph
Variable speeds - Forward	0-120	m/min	0-430	ft/min
Variable speeds - Reverse	0-4	km/h	0-2.5	mph
Variable speeds - Reverse	0-67	m/min	0-220	ft/min
Grade ability without vibration	30	%	30	%
Max. area capacity	7.458	m ² /h	80.218	ft ² /h
Sprinkling system			Gravity Fed	
Fuel type			Gasoline	
Static weight per drum (f/r)	500/600	kg	1100/1320	lb

Characteristic function

1. With HONDA Power ,excellent performance and start easily.
2. For drive mechanism, adopts imported static hydraulic drive device with stepless speed regulation and reverting conveniently.
3. We have imported the hydraulic variable displacement pump and moto; it is infinite variable speed, drives forward and backward and makes easier for the machine to change direction.
4. We adopt the NSK bearing, which ensures the good performance of machine.
5. The driving seat is flexible, so driver could adjust it according to his willing.
6. The whole machine frame is plastic treated, so it is anti-rusting, anti-corrosion and beautiful.

Single-Drum Road Rollers

168kgs Single-drum road roller JF-WY



175kgs Single-Drum Road Roller JF-CR88



Demolition&Cutting Technology

EHS-350 *Hand Cut Off Saw*



EHS-350 copy from Partner

- 1.Multi-stage filter system providing clean air to engine.
- 2.Large volume oil tank. 1.5 L. Longer working hours.
- 3.Oil cap.
- 4.Interlocking switch, designed for safe operation.
- 5.Throttle trigger
- 6.On/off switch. It always keeps in off position for safety reason.
- 7.Decompression valve- designed for more easy starting
- 8.Quick button- special designed for changing blades.
- 9.Semi-auto belt tension adjuster for more smooth running.
- 10.One piece cover for transmission system, anti dust. The cover is made by nylon-6 engineering plastics with reinforced ribs against great impact
- 11.Cart wheels for easy moving on working site.
- 12.Foot pedal-thoughtful design for more stable starting.
- 13.Pull rope, manual recoil starting
- 14.New-improved ignition system with lower electricity resistance in coil, plus reconditioned initial idle speed setting, guarantee for easy starting.
- 15.Aluminum handle
- 16.Exhaust outlet
- 17.Arbor: 1” 25.4mm for 14” blade or 20mm for 12” blade

Engine Type	Single-cylinder,two–stroke, air-cooled)
Displacement:	64.1cc
Engine Speed	8500rpm
Maximum Output	3.6hp
Fuel Tank Capacity	1.5L
Weight:	12kg
Carton Size	72×32.5×47cm
Standard Blade diameter	12’&14’
Cutting Depth	Max:115mm(4-1/2’)

Tile Saw JFS300/400



For people who work with small stones, bricks, tiles or blocks, it goes without saying that precision is crucial to the end result. But the efficiency of the machine should never compromise the need for good ergonomics and a reasonable workload. Put simply, the stone or tile you cut must fit perfectly, just as the machine and the blade you use must fit your work situation perfectly. ●Large capacity water pump is included as standard accessory

- Robust reinforced steel structure ensures max. rigidity and durability
- Industrial quality fully enclosed induction motor with direct drive mounting
- Swing head design features smooth and accurate bevel cutting
- Pneumatic spring makes press cutting smooth and comfortable
- Two chrome plated round rails work for max. accuracy and repeatability
- Automatic overload protection

Applications: cut stone, brick, tiles or blocks		
	JFS300	JFS400
Motor Power	2.2kw/3hp	2.2kw/3hp
Voltage/Frequency	220~240v,380v/50,60hz	220~240v,380v/50,60hz
Max.Cutting Length	600mm	600mm
Table Size	510x530mm	510x530mm
Bevel Cut Degree	45°~90°	45°~90°
Max Cutting Depth	70mm	125mm
Blade Size	250~300mm	250~400mm
Blade Speed	2900~3400rpm	2900~3400rpm
Core Size	1 inch or 50mm	1 inch or 50mm
Net Weight:	80kgs	85kgs
Gross Weight	105kgs	110kgs
Carton Size (LxWxH)	1250x580x540mm	1250x580x540mm
Units/20' Container	52	52
Units/40' Container	104	104
Note: The machine includes water pump but without blade.		

JSC-W Stone Cutting Machine



For people who work with stone, brick, large tiles or blocks, it goes without saying that precision is crucial to the end result. But the efficiency of the machine should never compromise the need for good ergonomics and a reasonable workload. Put simply, the stone or tile you cut must fit perfectly, just as the machine and the blade you use must fit your work situation perfectly.

- 1600mm, 1700mm, 1800mm cutting length
- Powerful 3HP motor
- An electric water pump inside for water recycle.
- Cutting table extends for large material on both sides.
- Detachable four-piece table surface on the water tray is designed for easy cleaning and easy access to the water pump.
- Allow bevel cutting to 45 degree.
- Steel construction with perfect painting can resist wear and corrosion.
- Build-in handles for easy transportation
- Simple, durable legs can be quickly removed for easy transportation.
- With sealed bearings, the cutting head glides smoothly on two rails.
- The sturdy aluminum support arms assure straight cutting performance and long blade life, and allow plunge cut and rip cut.
- Stainless steel work table resists the wear and corrosion.
- Hand wheel for drive the cutting head

CC350H Floor Saw



Features:

- 1) Designed for excellent strength, durability and performance
- 2) Suitable for cutting concrete or asphalt, the reinforced steel box frame Design adds strength necessary to reduce vibrations while sawing. Minimizing vibrations enhances the performance of the blade and extends The using life of the saw
- 3) Super-rigid box frame ensures straight cut while resisting warping and Vibration: Prolongs saw life, extends blade usage life
- 4) Japanese shaft bearings for long usage life
- 5) Comfortable grip handles
- 6) Easy crank for raising / lowering cutting depth
- 7) Hinged front, lift-up blade guard is designed to provide easy blade Replacement
- 8) Easy-remove and rustless poly water tank provides optimum water flow And volume to the blade

Specifications:

- 1) Models: CC350H-1, CC350H-2, CC350H-3, CC350H-4
- 2) Engine: Air-cooled, 4-cycle, single cylinder
- 3) Engine type: (diesel) Kama 170, (petrol) 168FB, (petrol) Robin EH17D, (petrol) Honda GX160
- 4) Power: 3.2, 4.8, 3.4, 4.4kW / 4.2, 6.5, 5, 5.5hp
- 5) Weight: 89, 77, 78, 77kg / 196, 170, 172, 170lbs
- 6) Max. Cutting depth: 100mm / 3.9"
- 7) Blade size: 24.5 - 30.5cm / 10" - 12"
- 8) Depth adjustment: Handle rotation
- 9) Driving: Manual push
- 10) Water tank capacity: 14L
- 11) Dimensions: 165 x 48 x 95cm / 65" x 19" x 37"

Other Kinds of Floor Saws

JFS350/500 Floor Saw



400mm diamond blade Floor Saw CC40



500mm diamond blade Floor Saw CC50



600mm/700mm/800mm diamond blade floor Saws



Concrete - White



General Purpose - Yellow



Brick - Red



Asphalt - Black

Dust Blower

Used to blow away the remained dust and particle before paving the asphalt road surface, it also can be used to clean the large square and other places.



RWCF12

Technical parameters

Type	RWCF12
Blade diameter	380mm
Blade rotational speed	3600rpm
Air velocity	5500m ³ /h
Blow-off nozzle	Double blow-off nozzle, adjustable
Engine Model	HONDA,GX270
Type	Gasoline engine,air cooled, 4stroke, OHV, single cylinder
Power	9.0hp/3600rpm
Oil tank volume	6L
Lubricant L	1.1L
Fuel consumption	313g/kwh
Total length	1340mm
Total width	750mm
Total height	1110mm
Packing size	870x800x800mm
Weight	75kg

Characteristic function

1. With HONDA power,excellent performance and start easily.
2. Equipped with multi-wing, single air vent with the features of huge wind volume, high efficiency and blow dust thoroughly, can satisfy different working requirements.
3. Move flexibly, Operate conveniently

Dust Blower

Used to blow away remained dust and particle before paving the asphalt road surface, it also can be used to clean the large square and other places.



RWCF11

Technique Parameter

Type	RWCF11
Blade diameter	280mm
Blade rotational speed	3600rpm
Air velocity	5000m ³ /h
Blow-off nozzle	Single blow-off nozzle, adjustable
Engine Model	HONDA, GX160
Type	Gasoline engine,air cooled, 4stroke, OHV, single cylinder
Power	5.5hp/3600rpm
Oil tank volume	3.6L
Lubricant L	0.6L
Fuel consumption	313g/kwh
Total length	1100mm
Total width	680mm
Total height	920mm
Packing size	870×750×580mm
Weight	68kg

Characteristic function

- 1.With HONDA power,excellent performance and start easily.
- 2.Equipped with multi-wing, single air vent with the features of huge wind volume, high efficiency and blow dust thoroughly, can satisfy different working requirements.
- 3.Move flexibly,operate conveniently.

Hydraulic Power Pack



Hydraulic power station has many features, stated as below: high work efficiency, low noise, high reliability, economical and practical, small volume, light weight. It supplies convenient and reliable power source in maintaining, rushing to deal with an emergency and doing rush repairs. It is used in many lines such as road, bridge, highway, municipal, gas, running water, petroleum, power, telecom, railway, airport, harbor, fire control, construction etc.

The 13HP items single circuit power units are equipped with a high-speed blower and large air-to-oil cooler to keep the oil temperature under 65degree. The hydraulic system is designed for continuous duty application and meet HTMA Type 1 or Type 2 requirement. Stainless steel pipe frame makes the machine clean and quality.

Engine: HONDA GX390 13HP Gasoline engine

Operating Weight: 178lbs-202lbs

Output flow rate: 6-8gpm/24-30lpm

Output pressure: 2000 psi/140bar

Dimension(L×W×H): 780mm×560mm×600mm

Weight: 80kg

We can offer Honda GX160 5.5HP and Honda GX270 9HP Gasoline engine for more economical choice

Petrol Breaker JF23B



Advantages:

- No Need to replace the internals of the engine head,just handle the handarm to operate it.
- Easy to operate.More time-saving and effortless.Drilling faster and more efficiently.
- Reach the Tip-top level of the same field now,and allow to be replaced with the same kind of the domestic products.

Applications:

Available for drilling,splitting breaking, ramming, shovelling. And widely used in mining,road-construction, quarrying and national defense construction,etc.

With peak and flat Stave chisel,rock drilling and rock breaking.28mm,30mm,32mm,34mm,36mm,38mm,40mm,42mm drilling shaft diameters.
Length from 600mm-6000mm.

MAIN TECHNICAL PARAMETERS

- 1.Operating Weight: Around 27kg
- 2.Overall dimension: 746*315*229mm
- 3.Type of engine:single cylinder,air cooled two strokes
- 4.Cylinder Diameter*Stroke of piston:5 8*70mm
5. Rotating speed of engine: ≥ 2450 r/min
- 6.Displacement of engine plston: 185cm³
- 7.Type of carburetor: hand needle valve,no floating type
- 8.Ignition system: Controllable silicon contactless system
9. Drilling speed:(mean value of five holes) ≥ 250 mm /min
10. Max. drilling depth: ≥ 6 m
- 11.Fuel consumption: 0.122 /m
- 12.Tank capacity: ≥ 1.14 L
13. Mixing ratio of gasoline and lubrication oil (in volumes):12:1
14. End of drill rod dimensions: hexagonal2 2 × 108mm
15. Rotating speed of drill rod: ≥ 200 r/min
16. Clearance of Spark plug :0.5 -0.7mm

Petrol Breaker---JF-23A



JF23A copy from Wacker BH23

Technical Parameters:

Engine Type: 1E45F-3A Two-stroke, single cylinder, air-cooling

Displacement:cc (80Max.)

Output Power and RPM:2.0kw / 4400r/min

Fuel Consumption (g/kw.h) ≤480

Impact Number:1300 below/min

Impact energy: 55 J/below

Clutch Revolution :2500 r/min

Work Revolution :4250 r/min

Product Dimension (L*W*H):840mm*470mm*350mm

Packing size (L*W*H):880mm*500mm*390mm

Operating Weight :27.5Kgs

Shipping Weight:29 Kgs

Container shipping quantity 174pcs/20' container

Certification: CE,EPA,3C,

Technical adopted: BH-23(Germany)

Guarantee period: 6 months

Spare parts list

1,documents: Instruction, packing list, quality assurance

2,Tools: Wrenches

3,Spares: Gaskets,fule bottle

Eletrical Hammer

Electrical Hammer JEH65B



Input power: 1200/1400W

Idle load speed: 1400r/min

Max drilling dia: ϕ 65mm

G.W/N.W.: 25/23kgs

Qty/20': 720pcs

Packing size :710x315x175mm/1pce

Hitachi technology

Electrical Hammer JEH65C with anti-vibration kit.



Input power: 1240W

Idle load speed: 1400r/min

Max drilling dia: ϕ 65mm

Iron box G.W/N.W.: 23/22kgs

Qty/20': 700pcs

Packing Size:720x180x310mm/1pce

Hitachi technology

Electrical Hammer JEH65D with anti-vibration kit.



Input power:1700W

Idle load speed: 1000r/min

Max drilling dia: ϕ 28mm

Qty/20': 350pcs

G.W/N.W.: 40/38kgs

Packing Size: 800x530x190mm/1pce