



By owning a MASTERPAC, you'll hear a lot of compliments about how great it looks.

Your machine will likely stay that way, thanks to its user-friendly design.



VIBRATORS & SCREEDS



PVP Series



PBP Series



PVE25 Series



PVE38 Series



PMD Series



PCD Series

PENDULUM CONCRETE POKER VIBRATORS

MASTERPAC internal concrete vibrators PVP series, using the pendulum principle.3000 rpm of the drive unit translates via the flexible shaft into 12,000 vibrations per minute in the poker head.

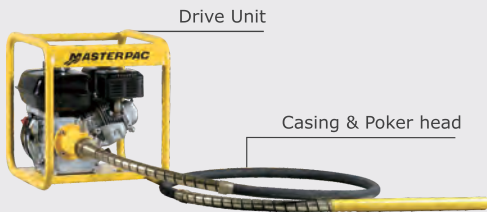


Features

- High frequency vibration allows efficient compaction of low slump concrete mixes. Compaction improves the strength and finish of concrete by driving out entrapped air.
- The low speed of both the vibrator and vibrator drive unit results in longer service life.
- Quick change vibrator coupling for easy operation.

Drive Unit

| Model | Units | PDRH PDSH | PDRR PDSR | PDRY PDSY |
|-------------|---------|-------------|------------|------------|
| Engine Type | - | Honda GX160 | Robin EX17 | Yanmar L48 |
| Power | kw (hp) | 3.6 (4.9) | 2.9 (4.0) | 3.5 (4.7) |
| Weight | kg (lb) | 21 (46) | 21 (46) | 34 (75) |



PDR-Turnable Round Table

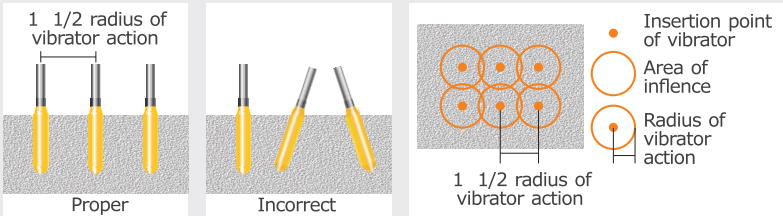


PDS-Square Frame

Casing & Poker Head

| Model | Units | PVP32 | PVP38 | PVP45 | PVP50 |
|------------------------------|----------|--|-----------------------|-----------------------|-----------------------|
| Vibrator Head DiaxLength | mm (in) | 32 x 340 (1.3 x 13.4) | 38 x 375 (1.5 x 14.7) | 45 x 395 (1.7 x 15.5) | 50 x 415 (1.9 x 16.3) |
| Vibrator Amplitude | mm (in) | 1 (0.039) | 1.2 (0.047) | 1.25 (0.049) | 1.3 (0.051) |
| Frequency | vpm (Hz) | 12000 (200) | 12000 (200) | 12000 (200) | 12000 (200) |
| Revolution of Flexible Shaft | rpm | 3000 | | | |
| Rubber Hose Length | m (ft) | Standard 6 (19.7), Available from 4 (13.1) to 8 (26.2) | | | |
| Weight | kg (lb) | 11 (24) | 12 (26) | 13 (29) | 16 (35) |

Usage tips & suggestions



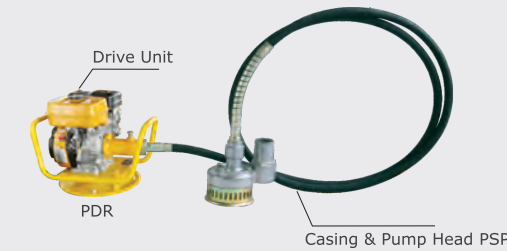
- Insert vibrator head into concrete at regular intervals and slowly withdraw after a short delay at the deepest point.
- Distance between immersion points: approx. 10 times the diameter of the internal vibrator.
- Select distance between immersion points so that the concrete areas that are affected by the vibration overlap.

Submersible Pump (Flexible Shaft Pump)

Casing & Pump Head

| Model | Units | PSP - 2 | PSP - 3 |
|---------------------|------------------|--------------|--------------|
| Discharge Dia | mm (in) | 50 (1.97) | 75 (2.95) |
| Max. lift | m (in) | 15 (49.2) | 18 (59) |
| Max. Capacity | L (US Gal) / min | 1000 (264.2) | 1300 (343.4) |
| Revolution | rpm | 3000 | 3000 |
| Rubber Hose Length | m (ft) | *5 (*16.4) | *5 (*16.4) |
| Weight w / o Engine | kg (lb) | 21 (46) | 22 (49) |

*Our standard length of flexible hose for the pump is 5m, 4 - 9m length is available.



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 designed to offer trouble free operation.

The pump can be driven by the engines through the flexible shaft inserted in the hose. Our pump and vibrator have the same connections. Recommended drive units are our PDR and PDS series.

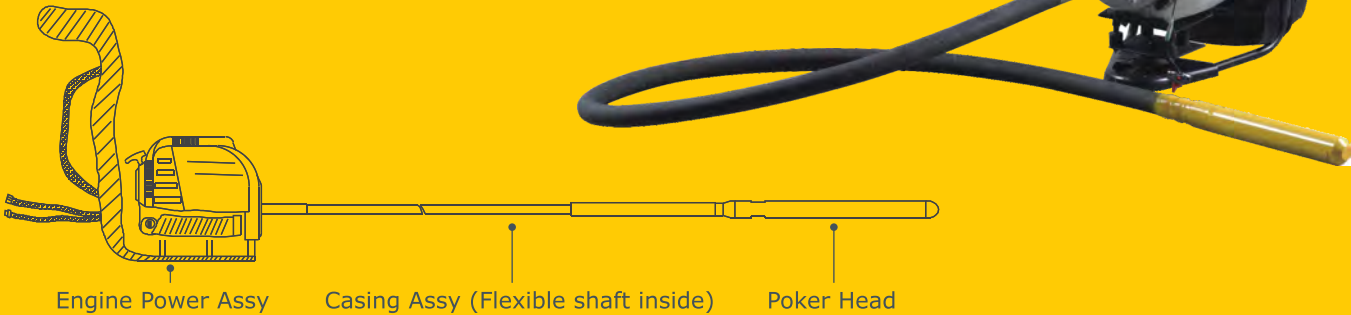
Engine & Vibrator Coupling Unit-Typical Connection

| BALLTYPE COUPLING | | PIN TYPE COUPLING | | DYNAPAC COUPLING | |
|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|
| | | | | | |
| BT (Engine Coupling) | BT (Engine Shaft) | PT (Engine Coupling) | PT (Engine Shaft) | DY (Engine Coupling) | DY (Engine Shaft) |
| BT (Hose Coupling) | | PT (Hose Coupling) | | DY (Hose Coupling) | |
| | | | | | |

ECCENTRIC CONCRETE VIBRATORS

Backpack Gasoline Concrete Vibrator

Powered by Honda 4 stroke gas engine with comfortable back pack,PBP portable vibrator provides operators an easy to use unit. No need for electricity supply or separate drive unit.

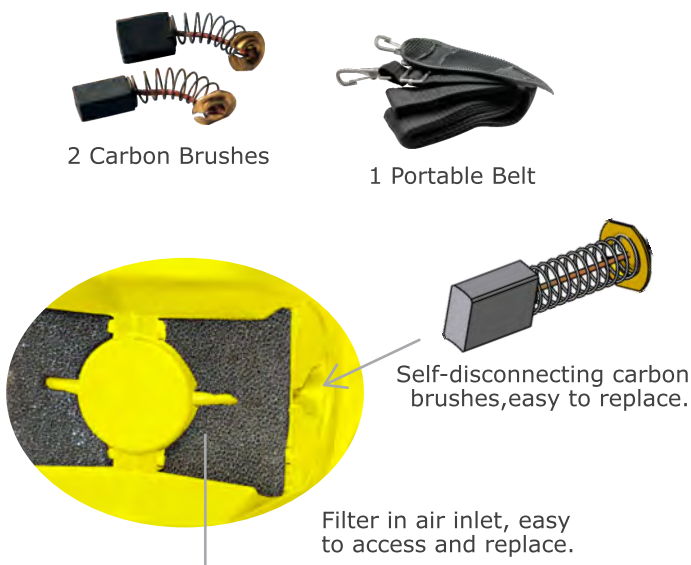


Portable Eccentric Concrete Vibrator

Masterpac vibrator is ideally suited for on-site vibration of concrete for foundations,walls, columns and slab work; also for in-plant vibration during the production of pipes, slabs, beams, double T's, columns and walls.

Features

- Heavy-duty design provides for high durability on the jobsite.
- Strong plastic housing with double insulation and water-proof protection.
- Oversized motor, with reinforced cable prevents bending.
- Dust and waterproof on-off switch eliminates burnout and damage.
- IP44 protection against splashes and access.
- Lightweight, but rugged unit preferred by operators.
- Motor airflow from rear to front prevents dust buildup that would otherwise cause motor damage.
- Self-disconnecting carbon brushes, easy to replace.
- Filterin airinlet, easy to access and replace.



Features

- 4 stroke Honda engine, No oil / gasoline mixture, low noise and low emission.
- Optimal frequency to relieve air and voids in concrete mix.
- Comfortable and lightweight backpack.
- Engine base is swivel-designed both for right-handed and left-handed users.

Engine Power Assy

| Model | Units | PBP |
|------------------------------|---------|---------------|
| Engine Type | - | Honda GX35 |
| Power | kw (hp) | 1.0 (1.4) |
| Weight | kg (lb) | 7.5 (16.5) |
| Connection to Flexible Shaft | - | Square Socket |

Casing Assy (flexible shaft inside)

| Model | Length | Weight | Corresponding to |
|----------|-----------|------------|------------------|
| Units | m (ft) | kg (lb) | |
| VBFB2615 | 1.5 (4.9) | 2.25 (4.9) | PVK32 |
| VBFB2625 | 2.5 (8.2) | 2.80 (6.2) | |
| VBFB3215 | 1.5 (4.9) | 3.55 (7.8) | PVK38 |
| VBFB3225 | 2.5 (8.2) | 4.40 (9.7) | |

Poker Head

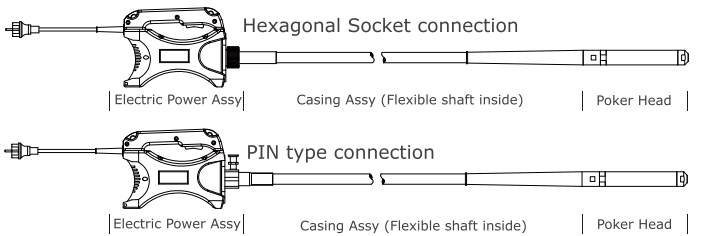
| Model | Units | PVK32 | PVK38 |
|------------------------------|---------|----------------------|----------------------|
| Dia x Length | mm (in) | 32 x 250 (1.3 x 9.8) | 38 x 250 (1.5 x 9.8) |
| Weight | kg (lb) | 0.95 (2.09) | 1.55 (3.42) |
| Centrifugal Force | kN | 0.8 | 1 |
| Vibrator Amplitude | mm (in) | 1 (0.039) | 1.2 (0.047) |
| Revolution of Flexible Shaft | rpm | 6500-7000 | |

Electric Power Assy



| Model | Units | PVE25 |
|------------------------------|----------|------------------------|
| Power Input | kw (hp) | 2.3 (3.1) |
| Current | A | 13 / 10 |
| Voltage | Volts | 115 / 230~ |
| Frequency | vpm (Hz) | 3000 / 3600 (50 / 60) |
| Phase | - | Single |
| Unloaded speed | rpm | 17500 |
| Weight | kg (lb) | 5.5 (12) |
| Connection to Flexible Shaft | - | Hexagonal Socket / Pin |

Casing Assy & Poker Head



Casing Assy (flexible shaft inside)

| Model | Length | Weight | Correspon- dent to |
|----------|----------|-------------|---------------------|
| Units | m (ft) | kg (lb) | |
| VEFB2710 | 1 (3.3) | 2.2 (4.9) | PVK38/ PVK45/ PVK50 |
| VEFB2720 | 2 (6.6) | 3.8 (8.4) | |
| VEFB2730 | 3 (9.8) | 5.5 (12.1) | |
| VEFB2740 | 4 (13.1) | 7.1 (15.7) | |
| VEFB2750 | 5 (16.4) | 8.7 (19.2) | |
| VEFB2760 | 6 (19.7) | 10.4 (22.9) | |

Poker Head

| Model | Units | PVK38 | PVK45 | PVK45 |
|------------------------------|----------|-------------------------|---------------------|-----------------------|
| Dia x Length | mm (in) | 38 x 248 (1.5 x 9.8) | 45 x 381 (1.8 x 15) | 50 x 395 (2.0 x 15.4) |
| Weight | kg (lb) | 7.1 (15.7) | 8.8 (19.4) | 9.6 (21.2) |
| Centrifugal Force | kN | 1.38 | 3.1 | 3.7 |
| Vibrator Amplitude | mm (in) | 1 (0.04) | 1.4 (0.06) | 1.5 (0.06) |
| Frequency | vpm (Hz) | 12000 - 13000 (200-217) | | |
| Revolution of Flexible Shaft | rpm | 12000-13000 | | |

ECCENTRIC CONCRETE VIBRATORS

Portable Petrol Concrete Vibrator

Features

- This portable vibrator offers a solution for vibrating concrete with an easy to use portable unit.
- To vibrate slabs,footings,footpaths,stairways etc.
- Light and balanced for easy operating.
- Honda four-stroke engine provides hassle free operation, and no need for electricity supply nor separate drive unit.
- A throttle control built into the handle and convenient on/off switch.
- Wearable carry strap for user comfort and complete control.

PVE45



Vibrator heads in 3 sizes



Less-vibration Carry Strap for user comfort and complete control.

Technical Specification

| Model | Engine Type | Power | Casing Dia x Length | Vibrator Head Dia x Length | Frequency | Amplitude | Weight |
|-------|-------------|-----------|------------------------|----------------------------|------------|------------|-------------|
| Units | | kw (hp) | mm x m (ft) | mm (in) | vpm (Hz) | mm (in) | kg (lb) |
| PVE38 | Honda GX35 | 1.0 (1.4) | 27 x 0.63 (1.1 x 24.7) | 38 x 350 (1.5 x 9.8) | 9000 (150) | 1.2 (0.05) | 9.1 (20.1) |
| PVE45 | Honda GX35 | 1.0 (1.4) | 27 x 0.63 (1.1 x 24.7) | 45 x 385 (1.8 x 15.2) | 9000 (150) | 1.6 (0.06) | 10.3 (22.7) |
| PVE50 | Honda GX35 | 1.0 (1.4) | 27 x 0.63 (1.1 x 24.7) | 50 x 400 (2.0 x 15.7) | 9000 (150) | 2 (0.08) | 11.2 (24.7) |

VIBRATING SCREED PMD SERIES

Vibrating screed, oscillation mechanism to allow working in both directions, producing a very accurate level without the need of guiding rails. It is designed to reduce time spent in leveling and finishing of large areas of concrete. The vibration of the blade improves the consolidation of the concrete and reduces time spent "bull floating" the concrete surface.

Features

- The blade made from hollow section aluminum extrusion with convex profiled sole, is specially designed for the pushing and pulling of concrete.
- Blade angle is easily controlled (for forward / backward movement) by a blade pitch control.
- Clip together handle offers a maximum reach of 5.4 meters with 3 extension sections.
- 4 different working widths: 5ft / 1.5m, 6.6ft / 2.0m, 8.2ft / 2.5m, 9.8ft / 3.0m.
- Available with 4 stroke petrol engine.
- Ergonomic design reduces physical effort and fatigue.
- Low cost to purchase and maintain.
- Easy cleaning and transportation.

Clip together handle offers a maximum reach of 5.4 meters with 3 extension sections

Blade angle is easily controlled by a blade pitch control

The blade produced from hollow section aluminum extrusion with convex profiled sole



The blade is easy to change.



Turning the handle to the right, to make the blade inclines forward, pushing and spreading the concrete.

How to extend clip together handle?



01



02



03

Technical Specification

| Model | Units | PMDH |
|---------------|---------|---------------------|
| Engine Type | - | Honda GX25 |
| Power | kw (hp) | 0.72 (1.0) |
| Weight | kg (lb) | 10 (22) |
| Handle Length | m (ft) | 1.8 (6) to 5.4 (18) |

| Screed Blade Model | Units | PMB - 1 | PMB - 2 | PMB - 3 | PMB - 4 |
|--------------------|---------|------------|------------|-------------|-------------|
| Length | M (ft) | 1.5 (5) | 2.0 (6.6) | 2.5 (8.2) | 3.0 (9.8) |
| Weight | kg (lb) | 6.2 (13.7) | 8.3 (18.3) | 10.3 (22.7) | 12.4 (27.3) |

SURFACE FINISHING SCREEDS

PCD SERIES

Simple Operation & Low Maintenance Design.
Powered by a gas engine, provides uniform vibration over the entire blade length and enhances concrete compaction, making it possible to level up to 4 times more concrete than the traditional method, and do it more accurately. The unit's light weight of only 12kg makes it one of lightest portable units on the market.

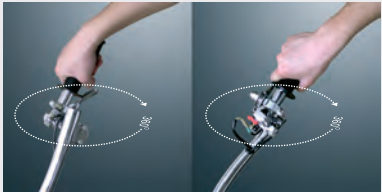


The blade is easily changed within 2 minutes, Masterpac blades are available in length from 4ft. (1.2m) to 16ft. (4.9m).

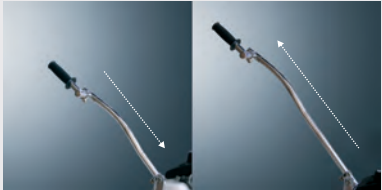
vertical & horizontal position

Features

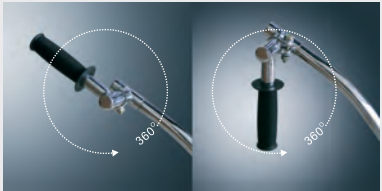
- Specially designed, hardened aluminum blade ensuring a smoother finish than conventional screeds.
- Heavy rubber mounts to reduce the vibration level on the handle.
- Height adjustable handle in vertical & horizontal position (optional).
- The rounded ends of the blade make it easy to go around obstacles.
- The tilt-up stand keeps the engine out of concrete or off the ground when not in use.
- One piece casting body easily connects 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 / 4.3m, 16ft / 4.9m.
- Easily changed blades, less than 2 minutes.



Horizontal Position



Height



Vertical Inclination

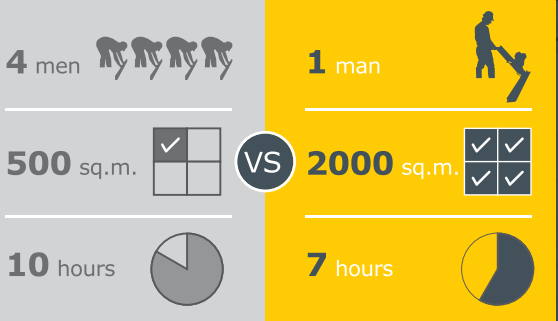


How much you can save with MASTERPAC Screed

Comparison for screeding a 2000 sq.m. concrete slab

| METHOD | CONVENTIONAL | SCREEDEASY |
|-------------------|--------------|------------|
| Labor required | 4 men | 1 man |
| Screeding per man | 500 sq.m. | 2000 sq.m. |
| Time required | 10 hours | 7 hours |

You save more than 75% in comparison with the conventional method, EVEN save more than 50% in price compared to other similar machines in the market.



One piece cast body easily connects to engine

The tilt-up stand keeps the engine out of concrete or off the ground when not in use

The rounded ends of the blade make it easy to go around obstacles

Specially design, hardened aluminum blade

Technical Specification

| Model | Units | PCDH |
|-------------|---------|------------|
| Engine Type | - | Honda GX35 |
| Power | kw (hp) | 1.0 (1.4) |
| Weight | kg (lb) | 15 (33.0) |

| Blade Model | Units | PCB4 | PCB6 | PCB8 | PCB10 | PCB12 | PCB14 | PCB16 |
|-------------|---------|------------|------------|-------------|-------------|-------------|--------------|--------------|
| Blade Size | m (ft) | 1.2 (4) | 1.8 (6) | 2.4 (8) | 3.0 (10) | 3.7 (12) | 4.3 (14) | 4.9 (16) |
| Weight | kg (lb) | 2.90 (6.4) | 4.36 (9.4) | 5.81 (12.8) | 7.27 (16.0) | 8.72 (19.2) | 10.16 (22.4) | 11.61 (25.6) |



PRT73



PRT364



PRT465



**POWER
TROWELS**

EDGING POWER TROWELS

PMT24 / PMT30 SERIES

Low maintenance & Long-life design.
Engineered for the concrete professional for
troweling small surfaces, edges and corners.

Ergonomic belly-cushion

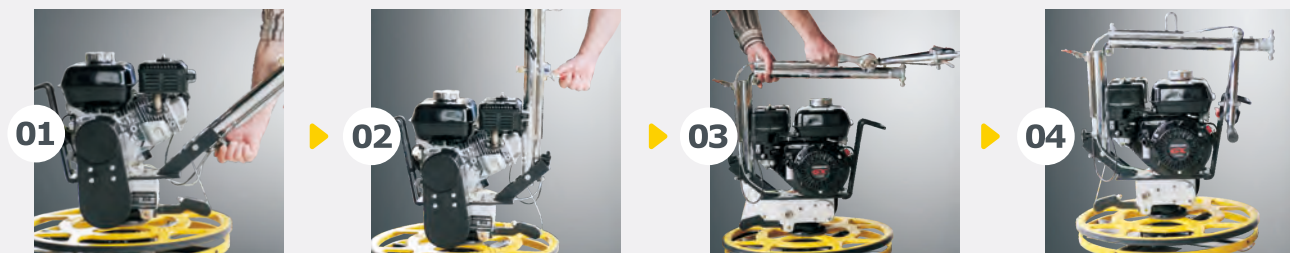
Dead-man switch assures operator's safety and easy control

Over-built cast
aluminum gearbox

Chrome plated foldable handle

Closed design of guard
ensures safety operation

Quick folding - less than 2 minutes

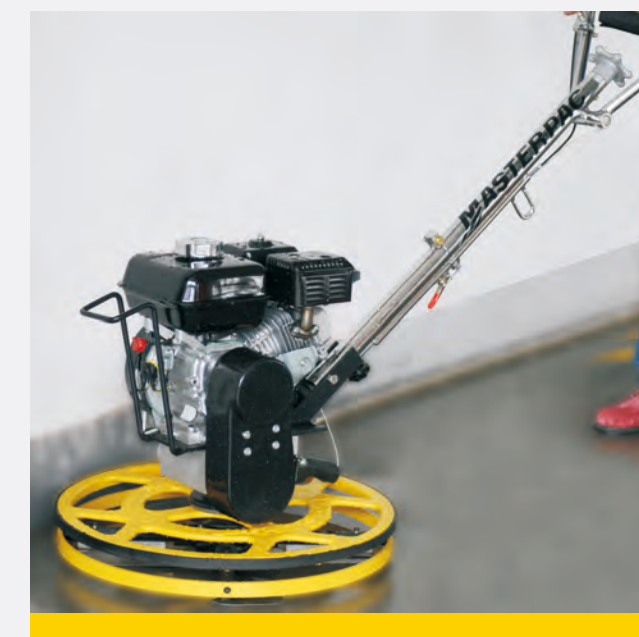


Features

- Independent rotating flywheel allows operating close to walls and edges.
- Precision bearings ensure consistent operation of flywheel.
- Heavy-duty bronze worm gear for extra long-life.
- Over-built cast aluminum gearbox assures long service interval.
- Spider assembly features include precision alignment, serviceability, and resistance to application induced bending or wearing.
- Chrome plated foldable handle for easy transportation and storage.
- Ergonomic belly-cushion provides comfort for operator (allows to conveniently push the trowel).
- Dead-man switch assures operator's safety and easy control.
- Twist knob control ensures precise blade adjustment,
- Closed design of guard ensures safe operation.
- Optional blue blade is with stronger material than standard blades and, combined with its ability to flex slightly, performance is improved and blade life prolonged.
- Optional plastic blade leaves no burnish marks on the floor.



Independent rotating
flywheel allows operating
close to walls and edges.



WALK - BEHIND POWER TROWELS

PMT28 / PMT36 / PMT42 / PMT46 SERIES

Low maintenance & Long-life design.
Ideal 28", 36", 42" & 46" diameters troweling machines are designed for all type of flooring applications for the concrete professional and can be used with either combination blades or finishing blades.

Dead-man switch assures operator's safety and easy control

Ergonomically designed belly-cushion

Chrome plated height adjustable handle

Over-built cast aluminum gearbox

Safety designed guard ring according to EU standard

Lifting tube allows trowel to be transported on the job-site with only two people.

Features

- Heavy-weight assures a superior finish.
- Perfectly balanced design for easy and comfortable operation.
- Heavy-duty bronze worm gear for extra long-life.
- Over-built cast aluminum gearbox delivers the torque needed for panning as well as the high speeds needed for finishing.
- Spider assembly features include precision alignment, serviceability, and resistance to application induced bending or wear.
- Gear box oil gauge for easy reading of oil level.
- Chrome plated height adjustable handle provides comfort and easy control for operator.
- Lifting tube allows trowel to be transported on the job-site with only two people.
- Twist knob control ensures precise blade adjustment.
- Safety designed guard ring according to EU standard.
- Ergonomically designed belly-cushion provides comfort for operator.
- Dead-man switch assures operator's safety and easy control.
- Stabilizer ring reduces blade chatter.
- Optional blue blade is thicker than ordinary blades and, combined with its ability to flex slightly, performance is improved and blade life prolonged.
- Optional plastic blade leaves no burnish marks on the floor.

Option



Chrome plated long handle is available as option.



Lifting eyelet another method for easy transportation.



Optional trolley wheel for easy transportation.

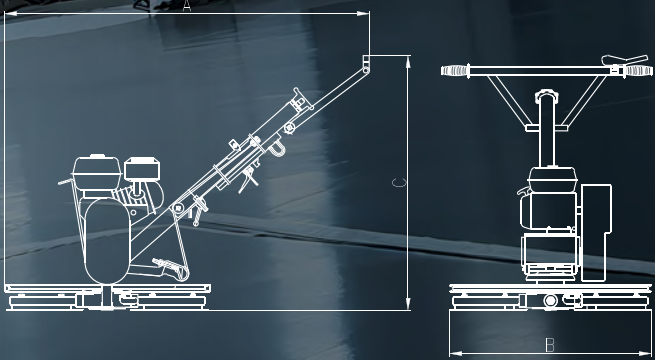
POWER TROWELS

PMT24 / PMT30 / PMT28 / PMT36 / PMT42 / PMT46 SERIES

Technical Specification



| Model | Units | PMT24H | PMT24R | PMT30H | PMT30R | PMT28 | PMT36H | PMT36R | PMT36Y | PMT42H | PMT42R | PMT46H | PMT46R |
|-------------|---------|-------------|------------|-------------|------------|-------------|-------------|------------|------------|-------------|------------|-------------|------------|
| Engine Type | - | Honda GX160 | Robin EX17 | Honda GX160 | Robin EX17 | Honda GX25 | Honda GX160 | Robin EX17 | Yanmar L48 | Honda GX270 | Robin EX27 | Honda GX270 | Robin EX27 |
| Power | kw (hp) | 3.6 (4.9) | 2.9 (4.0) | 3.6 (4.9) | 2.9 (4.0) | 0.72 (1.0) | 3.6 (4.9) | 2.9 (4.0) | 3.5 (4.7) | 6.3 (8.6) | 5.1 (7.0) | 6.3 (8.6) | 5.1 (7.0) |
| Weight | kg (lb) | 56 (124) | 57 (126) | 60 (132) | 62 (137) | 16.7 (36.8) | 81 (179) | 83 (183) | 93 (205) | 104 (229) | 100 (221) | 107 (236) | 103 (227) |
| Blade speed | rpm | 109 - 156 | 109 - 156 | 109 - 156 | 109 - 156 | 0 - 70 | 117 - 167 | 117 - 167 | 117 - 167 | 117 - 167 | 117 - 167 | 117 - 167 | 117 - 167 |
| Rotor Dia. | mm (in) | 610 (24) | 610 (24) | 760 (30) | 760 (30) | 760 (30) | 910 (36) | 910 (36) | 910 (36) | 1060 (42) | 1060 (42) | 1170 (46) | 1170 (46) |



Working Size (mm / in)

| Model | A | B | C |
|--------------|-----------|-----------|-----------|
| PMT24 Series | 1500 / 59 | 700 / 28 | 900 / 35 |
| PMT30 Series | 1580 / 62 | 760 / 30 | 900 / 35 |
| PMT28 Series | 2430 / 95 | 760 / 30 | 970 / 38 |
| PMT36 Series | 1890 / 74 | 960 / 38 | 900 / 39 |
| PMT42 Series | 2030 / 80 | 1160 / 46 | 1000 / 39 |
| PMT46 Series | 2060 / 81 | 1220 / 48 | 1000 / 39 |

PRT73

Side mounted fuel tank and water tank with big volume for long working time.

Tool kit in convenient location easy for operator

Rugged frame is made of harden steel for severest site conditions.



Seat is adjustable Front-To-Back,

Light is adjustable for different direction.

PRT364



PRT73



Fine hand control for blade pitch ensures precise blade adjustment.



Lifting tube allows trowel to be transported on the job-site with only 4 people.



Super heavy-duty gearbox and spider assembly stands up to the most grueling job.

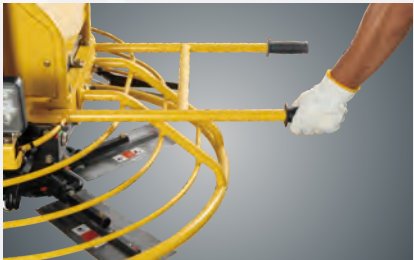
PRT364



Foldable wheel controls make a convenient and ergonomic adjustment on the blade pitch.



Detachable side frame makes an easy maintenance.



Lifting tube allows transportation with only 4 people on jobsite.

RIDE-ON POWER TROWELS PRT73 / PRT364



Technical Specification

| Model | Units | PRT73 | PRT364 |
|-----------------------------------|------------|--------------------------------------|-----------------------------------|
| Engine Type | - | Honda GX690 | |
| Power | Kw (hp) | 15.5 (21.1) | |
| Rotor Dia | mm (in) | 910 (36) | |
| Working Dia | mm (in) | 1860 (73) | 1890 (74) |
| Blade Speed | rpm | 130 - 150 | 140 (max) |
| Capacity of Water Tank/ Fuel Tank | L (US gal) | 17 (4.4) | 14 (3.7) |
| Overlapping | - | Available with finishing blades only | |
| Weight | Kg (lb) | 280 (617) | 320 (705) |
| Dimension (L x W x H) | mm (in) | 1940 x 950 x 1040 (76 x 37 x 41) | 1975 x 1000 x 1315 (78 x 39 x 52) |

RIDE-ON POWER TROWELS

PRT464 / PRT465

Easy to turn adjusting handle

Buzzer sounds if keys left on

4 or 5 bladed spider with State of the art designed gearbox!

Comfortable seat with full adjustment to turn and move

Easy to read hour meter

4 Bright LED lights front and back, fully adjustable

Lifting hole for easy on and off transport

Technical Specification

| Model | Units | PRT464 | PRT465 |
|------------------------------------|------------|------------------------------------|--------------------|
| Blade Spider | - | 8 - Bladed Spider | 10 - Bladed Spider |
| Weight | Kg (lb) | 420 (926) | 425 (937) |
| Engine Type | - | VANGUARD | |
| Power | Kw (hp) | 25.7 (35) | |
| Rotor Dia | mm (in) | 1168 (46) | |
| Working Dia | mm (in) | 2440 (96) | |
| Blade Speed, Max | rpm | 140 | |
| Capacity of Water Tank / Fuel Tank | L (US gal) | 18 (4.8) | |
| Dimension (L x W x H) | mm (in) | 2540 x 1290 x 1430 (100 x 51 x 56) | |

TROWEL BLADE & PAN

Standard Blade

MASTERPAC offers a complete line of finishing blades and combination blades for your edge, walk-behind or ride-on power trowel. We use high quality steel and high strength rivets to maximize blade life. All blades fit most other brands of power trowels.



Plastic Blade Set (4pcs)

Plastic blades made from a high-density plastic, made to float and finish any application where leaving burnish marks is a concern. Blade life comparable to steel blades, Provides a hard, polished finish.



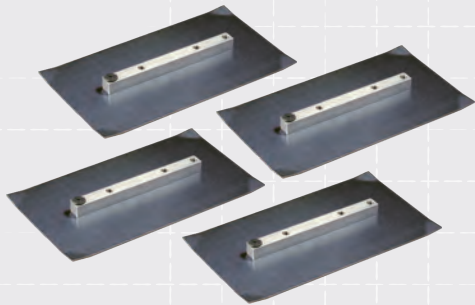
Available in combination-blade styles only.

Super - Blue Blade Set (4pcs)

MASTERPAC Super-Blue™ blade was designed to provide a perfect balance between longer blade life and maximum operating smoothness,with the versatility to be used on ride-on, edge, and walk-behind power trowels.

The Super-Blue™ is made with stronger material than standard blades and, combined with its ability to flex slightly, performance is improved and blade life prolonged.

Available in finish and combination-blade styles only.



Float Pan

Super-flat and Flat configurations are available for walk-behind and ride-on trowels. Easy movement from wet to dry areas.

Shake-on topping are easily applied.



Technical Specification

| | Standard | Super-Blue™ | Thickness mm | Dimension | Remark | Correspondent to |
|---------------------------|----------|-------------|--------------|-----------|------------|----------------------------|
| Finishing Blade | 54601084 | 54601065 | 2.0 | 6"×10.5" | 4 pcs | PMT30 Series |
| | 54601076 | 54601057 | 1.6 | 6"×14" | 4 pcs | PMT36 Series /PRT73/PRT364 |
| | 54601075 | 54601148 | 2.0 | | 4 pcs | |
| | 54601160 | 54601062 | 1.6 | 6"×16" | 4 pcs | PMT42 Series |
| | 54601079 | 54601061 | 2.0 | 6"×18" | 4 pcs | PMT46 Series/PRT464 |
| | 54601110 | 54601063 | 1.6 | | 4 pcs | |
| | 54601080 | 54601073 | 2.0 | | 4 pcs | PRT465 |
| | 40302122 | — | 1.6 | | 5 pcs | |
| | 40302139 | 40302140 | 2.0 | | 5 pcs | |
| Combination Blade | 54601092 | 54601068 | 1.2 | 4.75"×9" | 4 pcs | PMT24 Series |
| | 54601114 | 54601070 | 2.0 | 6"×10.5" | 4 pcs | PMT30 Series |
| | 54601115 | 54601069 | 2.0 | 8"×14" | 4 pcs | PMT36 Series/PRT73/PRT364 |
| | 54601111 | 54601072 | 2.0 | 8"×16" | 4 pcs | PMT42 Series |
| | 54601116 | 54601066 | 2.0 | 8"×18" | 4 pcs | PMT46 Series/PRT464 |
| | 40302141 | 40302142 | 2.0 | 8"×18" | 5 pcs | PRT465 |
| Plastic Combination Blade | 69903001 | — | 12.0 | 4.75"×9" | 4 pcs | PMT24 Series |
| | 69903002 | — | 12.0 | 6"×10.5" | 4 pcs | PMT30 Series |
| | 69903003 | — | 12.0 | 8"×14" | 4 pcs | PMT36 Series/PRT73/PRT364 |
| | 69903004 | — | 12.0 | 8"×16" | 4 pcs | PMT42 Series |
| | 69903005 | — | 12.0 | 8"×18" | 4 pcs | PMT46 Series/PRT464 |
| Float Pan | 40302096 | — | 2.5 | 25" | 4 buckles | PMT46 Series/PRT464 |
| | 40302095 | — | 2.5 | 31" | 4 buckles | PMT30 Series |
| | 40302097 | — | 2.5 | 37" | 4 buckles | PMT36 Series |
| | 40302094 | — | 3.0 | 37" | 4 buckles | |
| | 40302104 | — | 3.0 | 37" | 8 buckles | PRT73/PRT364 |
| | 40302099 | — | 3.0 | 43" | 4 buckles | PMT42 Series |
| | 40302098 | — | 3.0 | 47" | 4 buckles | PMT46 Series |
| | 40302134 | — | 3.0 | 47" | 8 buckles | PRT464 |
| | 40302130 | — | 3.0 | 47" | 10 buckles | PRT465 |
| | | | | | | |

FLOOR SAWS



Diamond Blade



PFG10 Series



PMF14 Series



PMF18 Series



PMF20 Series

GREEN CONCRETE SAWS

PFG10 SERIES

The compact designed, lightweight, multipurpose saw allowing for control joints cutting in green concrete, decorative cutting and light slab demolition.

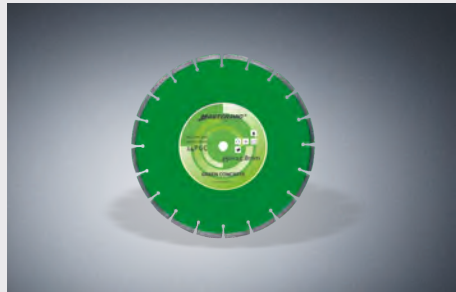
Easy crank for raising / lowering cutting depth

Vacuum nozzle hook-up on blade guard

Adjustable handle height

Tough polyurethane wheels assembled with sealed ball bearings

10" blade capacity for a 3"depth of cut



Suggested dry cutting diamond blade with undercut protection for Green Concrete.



Rear pointer drops into cut to ensure straight cutting.

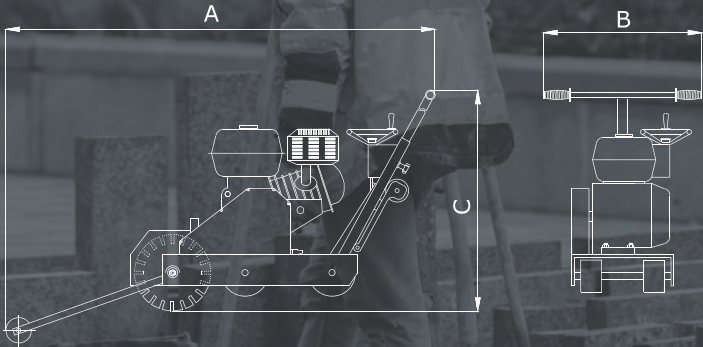


Easy crank for raising lowering cutting depth.

Working Size (mm)

PFG10

- A = 1665
- B = 340
- C = 920



Features

- Prevent random cracking and premature joint failure.
- Lightweight yet heavy-duty construction.
- 10" blade capacity for a 3 "depth of cut.
- VACUUM NOZZLE hook-up on blade guard.
- Suitable for control joint cutting in green concrete and decorative cutting in cured concrete,light slab demolition in cured concrete and asphalt.
- Saws right to the edge of walls and columns.
- Center blade mount design for straight line cutting.
- REAR POINTER drops into cut to ensure straight cutting.
- Adjustable handle height for operator comfort.
- Tough polyurethane wheels assembled with sealed ball bearings for absorbing vibration and riding smoothly on all surfaces.
- Standard 5/8 " blade arbor.
- EASY CRANK for raising / lowering cutting depth.

Technical Specification



| Model | Units | PFG10H | PFG10R |
|------------------------|---------|-----------------|------------|
| Engine Type | - | Honda GX200 | Robin EX17 |
| Power | kw (hp) | 4.1 (5.6) | 2.9 (4.0) |
| Max.Cutting Depth | mm (in) | 82.6 (3.3) | 82.6 (3.3) |
| Max.Blade Dia. | mm (in) | 254 (10) | 254 (10) |
| Weight | kg (lb) | 50 (110) | 49 (108) |
| Depth Adjustment | - | Handle Rotation | |
| Driving | - | Manual Push | |
| Arbor Dia / Blade Bore | mm (in) | 25.4 (1) | |

FLOOR SAWS

PMF14 / PMF18 SERIES

Designed for strength, durability and performance. Whether cutting concrete or asphalt, the reinforced steel box frame design adds strength necessary to reduce vibrations while sawing. Minimizing vibrations enhance the performance of the blade and extend the life of the saw. Consist of the most popular sizes and configurations for the professional.

Easy crank for raising / lowering cutting depth

Comfortable grip handles

Water system provides an optimum flow and volume of water to the blade

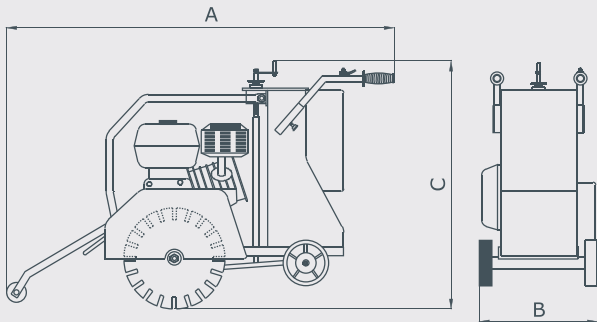
Rugged adjustable pointer wheel assembly, adaptable for left and right hand cutting, is durable and accurate



Strong protection frame

Working Size (mm)

| Model | A | B | C |
|--------------|------|-----|-----|
| PMF14 Series | 1560 | 480 | 950 |
| PMF18 Series | 1460 | 585 | 950 |



Features

- Dual blade flanges & reversible guard enable right and left hand cutting.
- Rugged adjustable pointer wheel assembly, adaptable for left and right hand cutting, is durable and accurate.
- Strong protected frame for easy transportation and to protect engine.
- Super-rigid box frame ensures straight cuts while resisting warping and vibration--prolongs saw life; extends blade life.
- Quality shaft bearings for long service life.
- Easy crank for raising/lowering cutting depth.
- Comfortable grip handles.
- 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.

Technical Specification

| Model | Units | PMF14H | PMF14R |
|------------------------|------------|-----------------|------------|
| Engine Type | - | Honda GX200 | Robin EX17 |
| Power | kw (hp) | 4.1 (5.6) | 2.9 (4.0) |
| Weight | kg (lb) | 77 (169) | 76 (167) |
| Max. Cutting Depth | mm (in) | 110 (4.3) | |
| Max.Blade Dia | mm (in) | 35 (14) | |
| Depth Adjustment | - | Handle Rotation | |
| Driving | - | Manual Push | |
| Water Tank Capacity | L (US gal) | 28 (7.4) | |
| Arbor Dia / Blade Bore | mm (in) | 25.4 (1) | |

| Model | Units | PMF18H | PMF18R |
|-----------------------|------------|-----------------|------------|
| Engine Type | - | Honda GX390 | Robin EX40 |
| Power | kw (hp) | 8.7 (11.8) | 10.3 (14) |
| Weight | kg (lb) | 138 (304) | 138 (304) |
| Max.Cutting Depth | mm (in) | 140 (5.5) | |
| Max. Blade Dia | mm (in) | 45 (18) | |
| Depth Adjustment | - | Handle Rotation | |
| Driving | - | Manual Push | |
| Water Tank Capacity | L (US gal) | 35 (9.3) | |
| Arbor Dia/ Blade Bore | mm (in) | 25.4 (1) | |



SWIVEL CUTTING floor saw PMF14 with special depth adjustment system brings unique sense of cutting.



Dual blade flanges & reversible guard enable right and left hand cutting.



Integrated meter for accurate cutting.

FLOOR SAWS

NEW PMF16 / PMF20 SERIES

The new FS 400 series floor saws are true multi-purpose concrete saws, available with engine alternatives from 9 to 11 hp. They are compact and developed with a clear focus on ergonomics, making them ideal for small to mid-sized jobs.

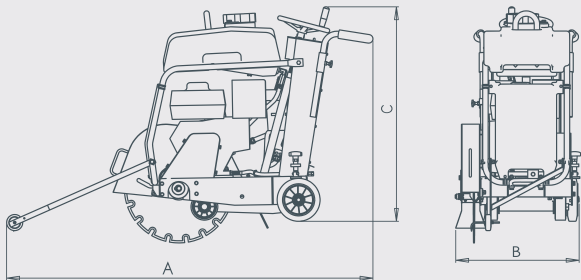
Convenient wheel for raising or lowering the cutting depth



Rugged adjustable pointer wheel assembly is durable and accurate, helping ensure straight cut.

Working Size (mm)

| Model | A | B | C |
|--------------|------|-----|------|
| PMF16 Series | 1516 | 568 | 1000 |
| PMF20 Series | 1696 | 632 | 1001 |



Up-mounted water tank makes the center of gravity above the blade shaft and therefore enhanced cutting efficiency.

Cyclone air filter to better protect the gasoline engine

Features

- Dual blade flanges & reversible guard enable right and left hand cutting. (PMF20)
- Rugged adjustable pointer wheel assembly is durable and accurate, helping ensure straight cut.
- Compact and highly maneuverable in operating and transporting.
- Up-mounted water tank makes the center of gravity above the blade shaft and therefore enhances the efficiency of cutting.
- Cyclone air filter to better protect the gasoline engine in dusty and severe working conditions, increasing the saw's life and reducing the maintenance.
- Convenient wheel for raising or lowering the cutting depth.
- Brake system makes it easy to stop the saw and ensures working safety.
- Manual (recoil) and key start (battery) ensure smooth operation even with a dead battery (PMF20Y).
- Optional hour meter useful in planning periodic maintenance.



Dual blade flanges & reversible guard enable right and left hand cutting. (PMF20)



Brake system makes it easy to stop the saw and ensures working safety.



Large volume water tank can be easily mounted and improves cutting performance

Technical Specification







| Model | Units | PMF16H |
|------------------------|------------|-----------------|
| Engine Type | - | GX270QC9 |
| Power | kw (hp) | 6.3 (8.6) |
| Weight | kg (lb) | 106 (234) |
| Max. Cutting Depth | mm (in) | 135 (5.3) |
| Max.Blade Dia | mm (in) | 400 (16) |
| Depth Adjustment | - | Handle Rotation |
| Driving | - | Manual Push |
| Water Tank Capacity | L (US gal) | 31 (8.2) |
| Arbor Dia / Blade Bore | mm (in) | 25.4 (1) |

| Model | Units | PMF20H |
|------------------------|------------|-----------------|
| Engine Type | - | GX390QC9 |
| Power | kw (hp) | 8.7 (11.8) |
| Weight | kg (lb) | 125 (276) |
| Max. Cutting Depth | mm (in) | 184 (7.2) |
| Max.Blade Dia | mm (in) | 500 (20) |
| Depth Adjustment | - | Handle Rotation |
| Driving | - | Manual Push |
| Water Tank Capacity | L (US gal) | 31 (8.2) |
| Arbor Dia / Blade Bore | mm (in) | 25.4 (1) |

| Model | Units | PMF20Y |
|------------------------|------------|-----------------|
| Engine Type | - | Yanmar L100N |
| Power | kw (hp) | 7.4 (10) |
| Weight | kg (lb) | 184 (405) |
| Max. Cutting Depth | mm (in) | 184 (7.2) |
| Max. Blade Dia | mm (in) | 500 (20) |
| Depth Adjustment | - | Handle Rotation |
| Driving | - | Manual Push |
| Water Tank Capacity | L (US gal) | 31 (8.2) |
| Arbor Dia / Blade Bore | mm (in) | 25.4 (1) |

DIAMOND BLADES

MASTERPAC offers a wide range of blades for aspects of flat saw requirements. A full range of diamond blades are available and supplied on all relevant products. Details on request.

| DIAMOND BLADES | Laser Welded Diamond Saw Blade For Flat Sawing Equipment | | | | Hot Press Turbo with Ribs Dia- mond Saw Blade | Turbo Wave Sintered Dia- mond Blades |
|----------------------|---|--|---|---|--|---|
| | ASPHALT | GENERAL PURPOSE | CONCRETE | BRICK | GREEN CONCRETE | |
| | <div></div> <div>Black Abrasive material such as asphalt, some asphalt over concrete, lime sandstone, abrasive blocks, green concrete and other highly abrasive applications. Arbor Dia / Blade Bore 25.4 mm (1")</div> | <div></div> <div>Yellow Fits wide range of products such as medium agregate cocrete, general masonry products, stock paving tiles and hard sandstones. Arbor Dia / Blade Bore 25.4 mm (1")</div> | <div></div> <div>White Hard non-abrasive material such as concrete, Very hard concrete, class A engineering bricks, 65-100 Newton clay pavers, hard flint aggregate concretes. Reinforced concrete lintels, curbs and hard paving slabs. Hard clayroof tiles, hard slate. Arbor Dia / Blade Bore 25.4 mm (1")</div> | <div></div> <div>Red Normal bricks & tiles, fire bricks Arbor Dia / Blade Bore 25.4 mm (1")</div> | <div></div> <div>Green Special undercut protection to provide ultimate blank-protection from undercutting. Arbor Dia/Blade Bore 25.4 mm (1")</div> | <div></div> <div>Arbor Dia / Blade Bore 25.4 mm (1")</div> |
| Diameter | 300MM 12" 350MM 14" 400MM 16" 450MM 18" 500MM 20" 600MM 24" 700MM 28" 800MM 32" 900MM 36" | 300MM 12" 350MM 14" 400MM 16" 450MM 18" 500MM 20" 600MM 24" 700MM 28" 800MM 32" 900MM 36" | 300MM 12" 350MM 14" 400MM 16" 450MM 18" 500MM 20" 600MM 24" 700MM 28" 800MM 32" 900MM 36" | 300MM 12" 350MM 14" 400MM 16" | 125MM 5" 180MM 7" 230MM 9" 250MM 10" 300MM 12" | 115MM 4.5" 125MM 5" 150MM 6" 180MM 7" 230MM 9" |
| Part No. | 12PAP 14PAP 16PAP 18PAP 20PAP 24PAP 28PAP 32PAP 36PAP | 12PGP 14PGP 16PGP 18PGP 20PGP 24PGP 28PGP 32PGP 36PGP | 12PCP 14PCP 16PCP 18PCP 20PCP 24PCP 28PCP 32PCP 36PCP | 12PBP 14PBP 16PBP | 5PGC 7PGC 9PGC 10PGC 12PGC | 4.5PTW 5PTW 6PTW 7PTW 9PTW |
| Segment Dimension | 40 × 3.0 × 10 40 × 3.2 × 10 40 × 3.4 × 10 40 × 3.6 × 10 40 × 3.6 × 10 40 × 4.2 × 10 40 × 4.5 × 10 40 × 4.5 × 10 40 × 4.8 × 10 | 40 × 3.0 × 10 40 × 3.2 × 10 40 × 3.4 × 10 40 × 3.6 × 10 40 × 3.6 × 10 40 × 4.2 × 10 40 × 4.5 × 10 40 × 4.5 × 10 40 × 4.8 × 10 | 40 × 3.0 × 10 40 × 3.2 × 10 40 × 3.4 × 10 40 × 3.6 × 10 40 × 3.6 × 10 40 × 4.2 × 10 40 × 4.5 × 10 40 × 4.5 × 10 40 × 4.8 × 10 | 40 × 3.0 × 10 40 × 3.2 × 10 40 × 3.4 × 10 | 33 × 2.2 × 7 36 × 2.6 × 7 39 × 3.0 × 7 43 × 3.0 × 7 41 × 3.0 × 7 | - |
| Segment Number | 20 24 28 32 36 40 48 54 60 | 20 24 28 32 36 40 48 54 60 | 20 24 28 32 36 40 48 54 60 | 20 24 28 | 10 14 16 16 20 | - |
| Bore (MM) | - | - | - | - | - | 22.23 22.23 22.23 22.23 22.23 |

HYDRAULIC TOOLS SERIES

Hydraulic Power Pack

Features

- Power on demand, even better fuel economy, reduces exhaust emissions.
- Oil level sight gauge.
- Tough steel cover, stronger protection.
- Wheels and folding handle, easy on site transport.
- Extra heavy duty steel sub frame, less damage from knocks and drops.
- Available to shift the hydraulic oil flow on PHP13 / 3020.



PHP13 / 3020

PHP9 / 20

Technical Specification

| Model | Power | Power | Flow | Pressure | Weight | Dimension (L x W x H) |
|--------------|-------------|------------|---------------------|----------|----------|------------------------------------|
| Units | | kw (hp) | L (US gal) / min | bar | kg (lb) | mm (in) |
| PHP9 / 20 | Honda GX270 | 6.3 (8.6) | 20 (5.3) | 138 | 65 (43) | 690 x 520 x 610 (27 x 20 x 24) |
| PHP13 / 20 | Honda GX390 | 8.7 (11.8) | 20 (5.3) | 138 | 75 (65) | 690 x 520 x 610 (27 x 20 x 24) |
| PHP13 / 3020 | Honda GX390 | 8.7 (11.8) | 30 (7.9) / 20 (5.3) | 138 | 90 (198) | 810 x 625 x 620 (32 x 24.6 x 24.4) |

Hydraulic Breaker

Masterpac breakers are designed to accept higher than normal back pressure, they are well suited to operate from hydraulic take-off points on construction equipment such as excavator, skid loaders and road rollers.Where necessary, oil flow and pressure compatibility can be achieved with a simple control valve device.

Anti-VIB Breakers (PAV Series)

Always choose a Low Vibration Breaker to reduce operators exposure to Hand-Arm Vibration. Masterpac Anti-VIB breakers maintain performance while minimize vibration transmission.

Features

- Low vibration handle mechanism, reducing the risk of HAVS.
- To suit different tools for all applications.
- High blow energy and frequency gives high productivity.
- Unique return blow action allows the operator to power the tool free.
- Progressive starting "feathering" action allows the user to accurately place the tool and mark out before engaging full power.
- Less expensive and more powerful than pneumatic tools.
- Economical to operate and simple to maintain.
- Masterpac breakers can be used safely with alternative power sources such as excavators, skid steer loaders and road rollers.



PAV20/20

Technical Specification

| Model | Blow rate | Flow | Pressure | Weight | Steel size |
|----------------------------|-----------|------------------|----------|---------|----------------------|
| Units | bpm | L (US gal) / min | bar | kg (lb) | mm (in) |
| PB20 / 20 Standard Handle | 1600 | 20 (5.3) | 98 - 138 | 20 (44) | 25 x 108 (1.0 x 4.3) |
| PB25 / 20 Standard Handle | 1400 | 20 (5.3) | 98 - 138 | 25 (55) | 32 x 160 (1.3 x 6.3) |
| PAV20 / 20 Anti-VIB Handle | 1600 | 20 (5.3) | 98 - 138 | 27 (59) | 25 x 108 (1.0 x 4.3) |
| PAV25 / 20 Anti-VIB Handle | 1400 | 20 (5.3) | 98 - 138 | 32 (70) | 32 x 160 (1.3 x 6.3) |

Hydraulic Circular Saw

Features

- Professional and convenient cutting on slab, concrete, asphalt or metal.
- Designed cart allows operator to walk behind and achieve deeper cutting on road.
- Large volume water tank on cart for cooling and dust reduction.



PCH14

Technical Specification

| Model | Units | PCH14 |
|-------------------|------------------|-------------------------|
| Speed | rpm | 4500 |
| Flow Range | L (US gal) / min | 26 - 30 (6.9 - 7.9) |
| Pressure | bar | 105 - 145 |
| Weight | kg (lb) | 9 (19.8) |
| Max.Blade Dia. | mm (in) | 356 (14) |
| Max.Cutting Depth | mm (in) | 110 (4.3) |
| Dimension (L x W) | mm (in) | 656 x 262 (25.8 x 10.3) |



Circular Saw Cart

Hydraulic Trash Pump

Free from electric power, a hydraulic trash pump is ideal for user's safety. Masterpac's high-performance pump can handle the removal of water containing solids up to 30%. It is perfect in the pumping works of water, sand slurries, gravel and sludge in various demands.

Features

- Lightweight and compact design for easy transportation.
- Pumping solids up to 100mm in diameter.
- Damage free even in idle state.
- High-quality components such as polyurethane pump casing and impeller guarantee a longer service life.



PSPH-3

| Model | Units | PSPH - 3 |
|-------------------|------------------|---------------------|
| Flow Range | L (US gal) / min | 26 - 35 (6.9 - 9.3) |
| Pressure | bar | 105 - 140 |
| Output | L (US gal) / min | 1700 (449.1) |
| Outlet | mm (in) | 75 (3) |
| Max.lift | mm (ft) | 30000 (98.4) |
| Speed | rpm | 3600 |
| Weight | kg (lb) | 14.5 (32) |
| Dimension (L x W) | mm (in) | 450 x 315 (18 x 12) |



High-quality hose as standard