



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)



## 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.

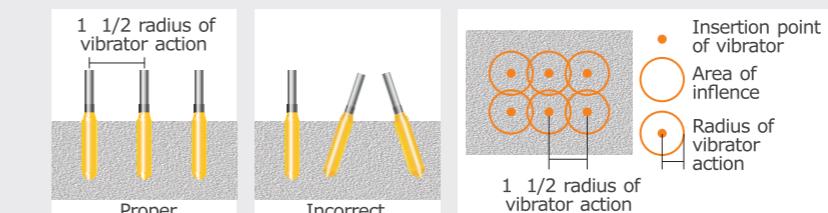
The high performance pump is designed to offer trouble free operation.

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.

## Casing & Poker Head

Model	Units	PVP32	PVP38	PVP45	PVP50
Vibrator Head Dia x Length	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.

## Engine & Vibrator Coupling Unit-Typical Connection

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

# ECENTRIC CONCRETE VIBRATORS

## Backpack Gasoline Concrete Vibrator

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

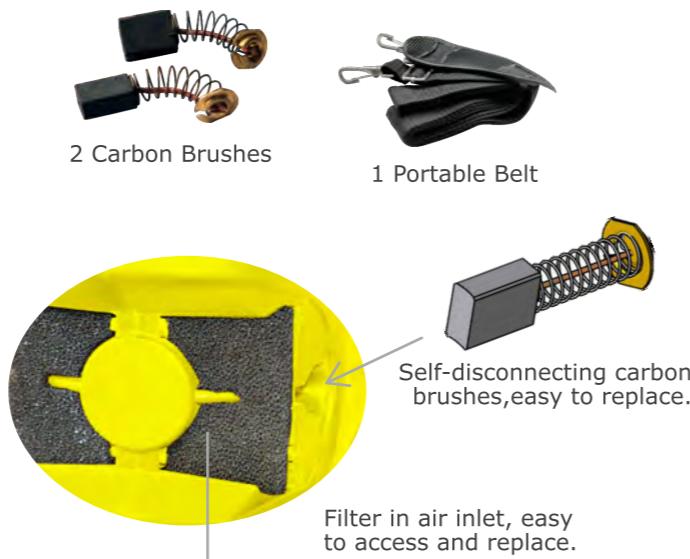


## Portable Eccentric Concrete Vibrator

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.
- Filter in air inlet, 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)	PVK32
VBF2615	1.5 (4.9)	2.25 (4.9)	
VBF2625	2.5 (8.2)	2.80 (6.2)	
VBF3215	1.5 (4.9)	3.55 (7.8)	PVK38
VBF3225	2.5 (8.2)	4.40 (9.7)	

### Poker Head

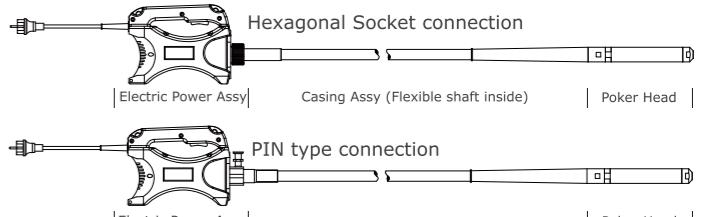
Model	Units	PVK32	PVK38
Dia x Length	mm (in)	32 x 250 (1.3 x 9.8)	38 x 250 (1.5 x 9.8)
Weight	kg (lb)	0.95 (2.09)	1.55 (3.42)
Centrifugal Force	kN	0.8	1
Vibrator Amplitude	mm (in)	1 (0.039)	1.2 (0.047)
Revolution of Flexible Shaft	rpm	6500-7000	

### 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	Correspondent to
Units	m (ft)	kg (lb)	PVK38/PVK45/PVK50
VEF2710	1 (3.3)	2.2 (4.9)	
VEF2720	2 (6.6)	3.8 (8.4)	
VEF2730	3 (9.8)	5.5 (12.1)	
VEF2740	4 (13.1)	7.1 (15.7)	
VEF2750	5 (16.4)	8.7 (19.2)	

### 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**



### 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.



The blade is easy to change.



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

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



### How to extend clip together handle?



### 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)			
Screeed 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.



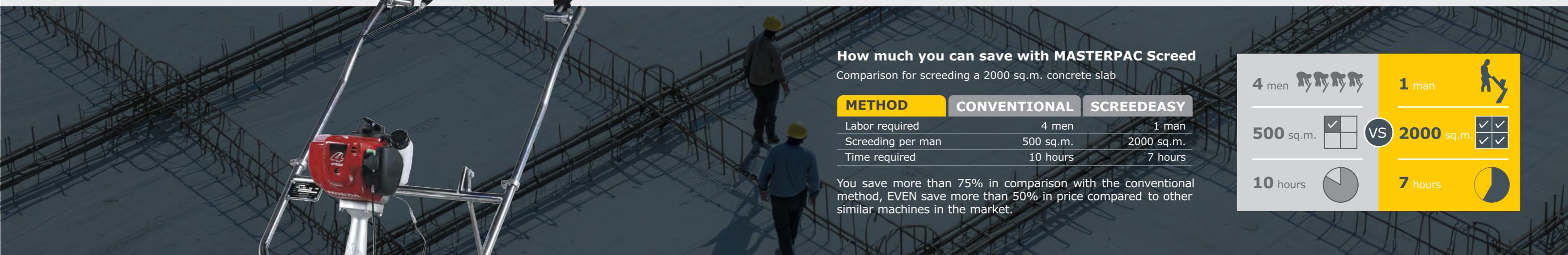
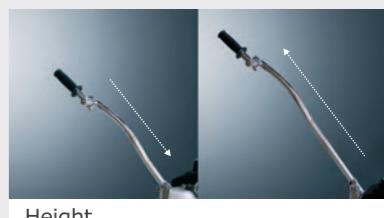
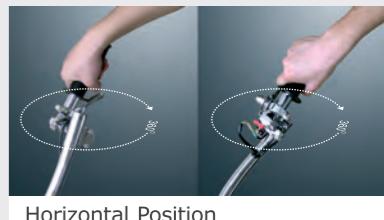
The blade is easily changed within 2 minutes, Masterpac blades are available in length from 4ft. (1.2m) to 16ft. (4.9m).

### 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.



### How much you can save with MASTERPAC Screed

Comparison for screeding a 2000 sq.m. concrete slab

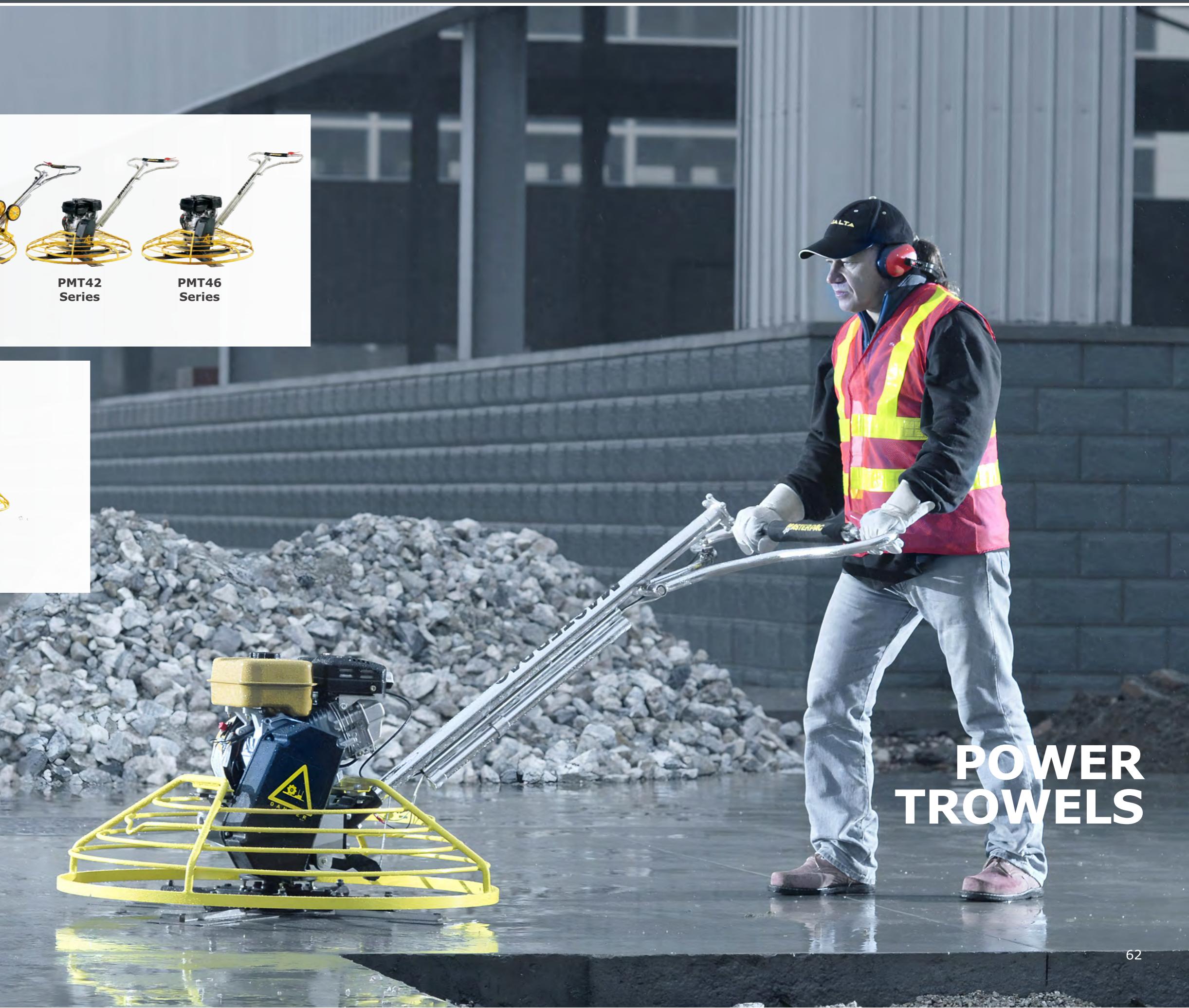
METHOD	CONVENTIONAL	SCREED EASY
Labor required	4 men	1 man
Screeding per man	500 sq.m.	2000 sq.m.
Time required	10 hours	7 hours

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.



## Technical Specification

Model	Units	PCD						
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)



# 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**

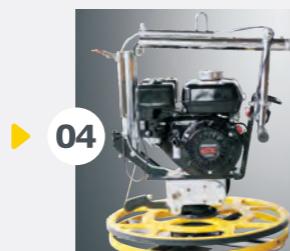
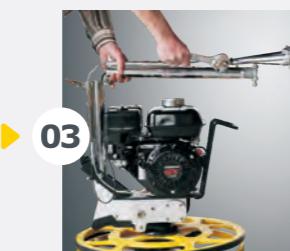
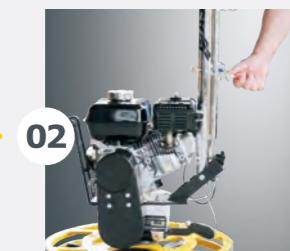
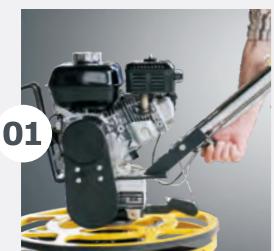
**Dead-man switch assures operator's safety and easy control**

**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.

## 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



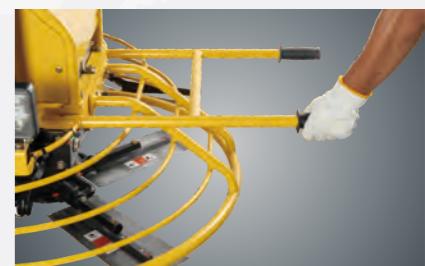
## PRT364



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	Not Available
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 key is left on

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

## Technical Specification

Model	Units	PRT464	PRT465
Blade Spider	MASTERPAC	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)	



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

# 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.

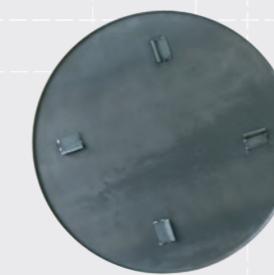
Available in finish and combination-blade styles only.



## 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.

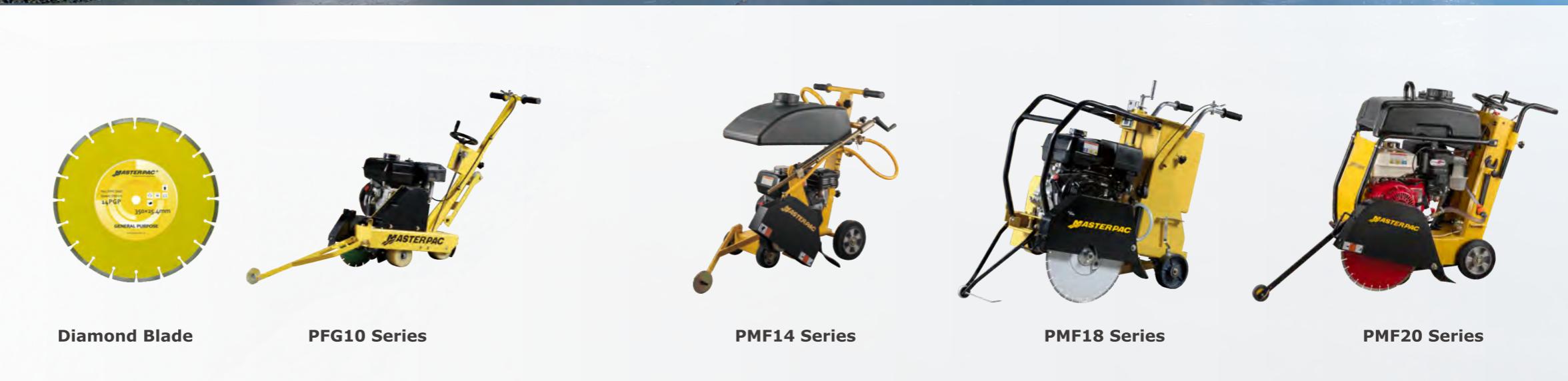


## Technical Specification

	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		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		4 pcs	
	54601110	54601063	1.6		4 pcs	PMT46 Series/PRT464
	54601080	54601073	2.0	6"×18"	4 pcs	
	40302122	--	1.6		5 pcs	
	40302139	40302140	2.0		5 pcs	
	54601092	54601068	1.2	4.75"×9"	4 pcs	PMT24 Series
Combination Blade	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	
	54601116	54601066	2.0	8"×18"	4 pcs	PMT46 Series/PRT464
	40302141	40302142	2.0	8"×18"	5 pcs	
	69903001	--	12.0	4.75"×9"	4 pcs	PMT24 Series
Plastic Combination Blade	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	
	69903005	--	12.0	8"×18"	4 pcs	PMT46 Series/PRT464
	40302096	--	2.5	25"	4 buckles	
Float Pan	40302095	--	2.5	31"	4 buckles	PMT46 Series/PRT464
	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	
	40302134	--	3.0	47"	8 buckles	PMT46 Series
	40302130	--	3.0	47"	10 buckles	



# FLOOR SAWS



Diamond Blade

PFG10 Series

PMF14 Series

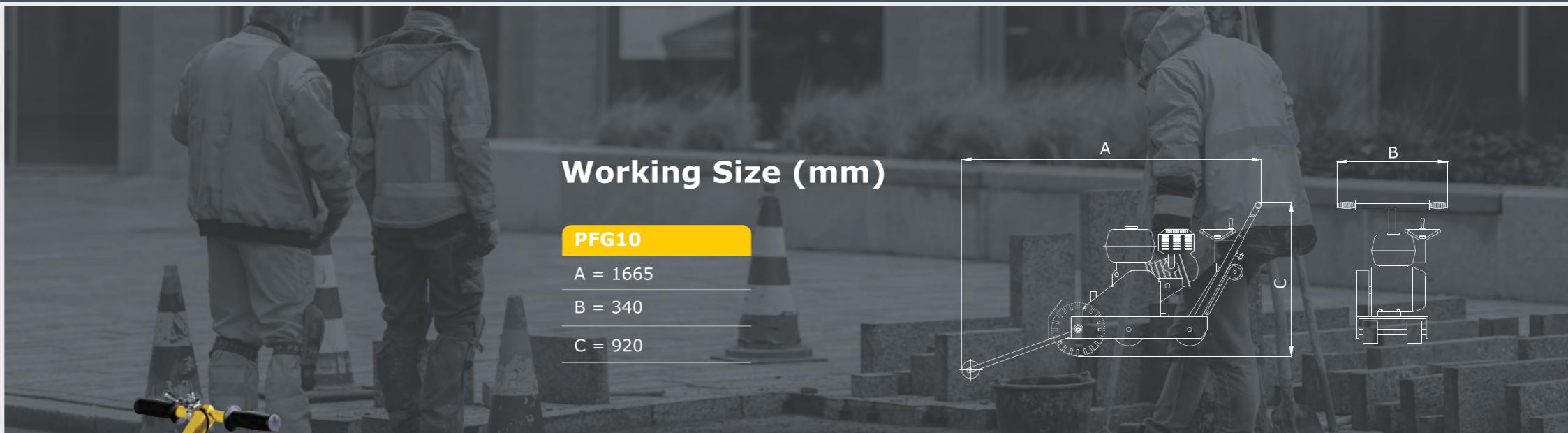
PMF18 Series

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.



### 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  $\frac{5}{8}$  " blade arbor.
- EASY CRANK for raising / lowering cutting depth.



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.

### Technical Specification



<b>Model</b>	<b>Units</b>	<b>PFG10H</b>	<b>PFG10R</b>
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**

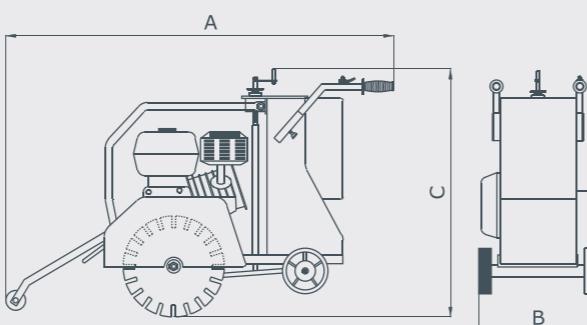
**Water system provides an optimum flow and volume of water to the blade**

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



### Working Size (mm)

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



### Features

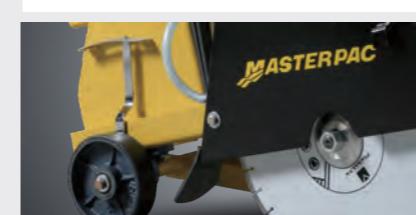
- Dual blade flanges & reversible guard enable right and left hand cutting.
- Rugged adjustable pointer wheel assembly, adaptable for left and right hand cutting, is durable and accurate.
- Strong protected frame for easy transportation and to protect engine.
- Super-rigid box frame ensures straight 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.



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.

### 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)	

# 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.



### 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.

**Convenient wheel for raising or lowering the cutting depth**



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

**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**



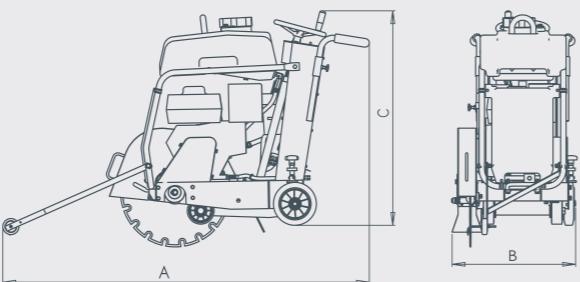
Dual blade flanges & reversible guard enable right and left hand cutting. (PMF20)



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

### Working Size (mm)

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



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.

Laser Welded Diamond Saw Blade For Flat Sawing Equipment					Hot Press Turbo with Ribs Diamond Saw Blade	Turbo Wave Sintered Diamond Blades
ASPHALT	GENERAL PURPOSE	CONCRETE	BRICK	GREEN CONCRETE		
						
<b>Black</b> 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")	<b>Yellow</b> Fits wide range of products such as medium aggregate concrete, general masonry products, stock paving tiles and hard sandstones. Arbor Dia / Blade Bore 25.4 mm (1")	<b>White</b> 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 clay roof tiles, hard slate. Arbor Dia / Blade Bore 25.4 mm (1")	<b>Red</b> Normal bricks & tiles, fire bricks Arbor Dia / Blade Bore 25.4 mm (1")	<b>Green</b> Special undercut protection to provide ultimate blank-protection from undercutting. Arbor Dia/Blade Bore 25.4 mm (1")		Arbor Dia / Blade Bore 25.4 mm (1")
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" 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"	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 18PBP 20PBP	5PGC 7PGC 9PGC 10PGC 12PGC	4.5PTW 5PTW 6PTW 7PTW 9PTW	
Segment Dimension 40 x 3.0 x 10 40 x 3.2 x 10 40 x 3.4 x 10 40 x 3.6 x 10 40 x 3.6 x 10 40 x 4.2 x 10 40 x 4.5 x 10 40 x 4.5 x 10 40 x 4.8 x 10	40 x 3.0 x 10 40 x 3.2 x 10 40 x 3.4 x 10 40 x 3.6 x 10 40 x 3.6 x 10 40 x 4.2 x 10 40 x 4.5 x 10 40 x 4.5 x 10 40 x 4.8 x 10	40 x 3.0 x 10 40 x 3.2 x 10 40 x 3.4 x 10 40 x 3.6 x 10 40 x 3.6 x 10 40 x 4.2 x 10 40 x 4.5 x 10 40 x 4.5 x 10 40 x 4.8 x 10	40 x 3.0 x 10 40 x 3.2 x 10 40 x 3.4 x 10 40 x 3.6 x 10 40 x 3.6 x 10 40 x 4.2 x 10 40 x 4.5 x 10 40 x 4.5 x 10 40 x 4.8 x 10	40 x 3.0 x 10 40 x 3.2 x 10 40 x 3.4 x 10 40 x 3.6 x 10 40 x 3.6 x 10 40 x 4.2 x 10 40 x 4.5 x 10 40 x 4.5 x 10 40 x 4.8 x 10	33 x 2.2 x 7 36 x 2.6 x 7 39 x 3.0 x 7 43 x 3.0 x 7 41 x 3.0 x 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 32 36 40 48 54 60	20 24 28 32 36 40 48 54 60	10 14 16 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.



PAV20/20

# 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

# 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)



PSPH-3

# 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.



High-quality hose as standard

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)