

Produced by T-FLEX INDUSTRIES LTD



PROFESSIONAL RESPONSIBLE SHARING



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FOR BETTER VIBRATION



# PENDULUM VIBRATORS

## PREMIUM VIBRATOR: 360 Hours working time

- ◆ Counterpart of world-top-level material used;
- ◆ 100% inspection to key parts, key size, key production step and finished products;
- ◆ 360 Hours working time could be ensured after actual testing.

### PHILLO BRAND PENDULUM VIBRATORS

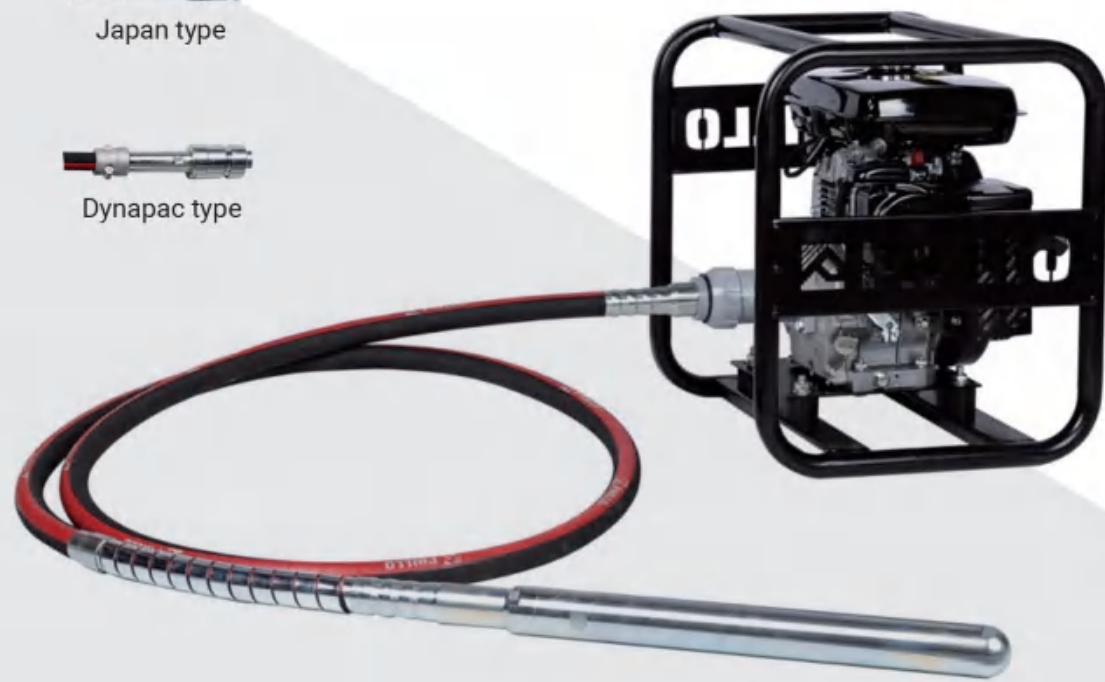
No.	Model No	Diameter (mm)	Length (mm)	Hose OD (mm)	Flexible D (mm)	Dynapac type	Japanese type
1	PC28	28	450	25	8	PC28D	PC28J
2	PC32	32	470	30	10	PC32D	PC32J
3	PC38	38	470	30	10	PC38D	PC38J
4	PC45	45	470	30	10	PC45D	PC45J
5	PC60	60	486	30	10	PC60D	PC60J



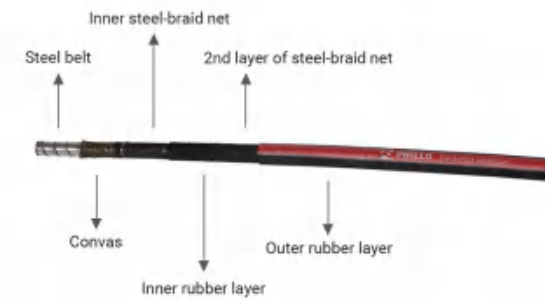
Japan type



Dynapac type



Strongest rubber hose



Poker head with counter spring inside



### Key advantage:

- ◆ Japan/Dynapac/Turkey/Russia/China types available;
- ◆ Poker head Dia 28mm, 32mm, 38mm, 45mm, 60mm available;
- ◆ Poker head With counter spring inside ( CJ series) or Without counter spring inside ( C series) available ;
- ◆ Long work reach (3m ~ 12m) in worksite;
- ◆ Powered by Original petrol/diesel engines Honda, Robin and other Good-quality China-made engines;
- ◆ Powered by electrical motors with CE certificate



# ECCENTRIC VIBRATORS

## High-frequency, Better vibration performance

- ◆ Higher vibration speed around 10000~12000R.P.M;
- ◆ With larger excitation force, produce better vibration effect;
- ◆ High-temperature & Oil resistant flexible shaft and rubber hose used to ensure reliable use life;
- ◆ Poker head & Hose assembly designed could be compatible with other brands;
- ◆ Powered by Honda engine or motor with CE certificate

No.	Model No	Poker head dia* length (mm)	Flexible shaft dia (mm)	Rubber hose dia (mm)	Rubber hose length (m)
1	ZPN26	26*391	8	21	1m~9m could be customized
2	ZPN35	35*410	9.15	27	
3	ZPN45	45*387	9.15	27	
4	ZPN45-2	45*421	9.15	27	
5	ZPN55	57*410	9.15	27	
6	ZPN65	65*385	9.15	27	



- ◆ Motors of 3Hp and 4Hp available;
- ◆ Germany, Spain and Israel and other types of couplings available;
- ◆ Motors with CE certificate.



No.	MODEL	Voltage V	Power	Picture
1	ZPM3HP	230V/50-60HZ	3HP/2.3KW	
2	ZPM3HP-II	110V/50-60HZ		
3	ZPM4HP	230V/50-60HZ	4HP/3KW	
4	ZPM4HP-II	110V/50-60HZ		

# EASY-TAKE CONCRETE VIBRATORS!

## Electric Motor Powered Handheld vibrators

- ◆ Poker head 28mm~60mm and length during 1m~3.6m available;
- ◆ Pendulum type design, more economical;
- ◆ Powered by the 0.8kw ~ 1.5kw electric motor (around 4000Rpm) with CE certificate;
- ◆ Lightweight and higher-mobility;
- ◆ Ergonomic handle design for easy operation and consistent use.

No.	Model No.	Poker head dia* length (mm)	Flexible shaft dia (mm)	Rubber hose dia (mm)	Rubber hose length (m)	Amplitude(mm) Total value	Vibration Hz (V.P.M)
1	ZSN25	28*380	8	25	0.6~3.6 COULD BE CUSTOMIZED	1.4	200-260 (12000-15600)
2	ZSN32	32*470	10	30		1.5	
3	ZSN35	35*380	10	30		1.6	
4	ZSN38	38*470	10	30		1.7	
5	ZSN45	45*470	10	30		2	
6	ZSN50	50*450	13	36		2.2	
7	ZSN60	60*473	13	36		2.4	



## GX35 powered Backpack vibrators

- ◆ Eccentric type poker head and vibrators, with higher vibration performance (around 8000 ~10000Rpm);
- ◆ Powered by the Honda GX35 ( 4-stroke) original engine;
- ◆ With backpack frame, easy to take and lower labor fatigue;
- ◆ Lightweight and higher-mobility allow whole day use;
- ◆ Nice helper to DIY construction.



MODEL	BP26/35/45	
Drive unit	Honda GX35/Other optional economic engine	
Fuel type	Petrol	
Vibrator head diameter&Length	mm	26*391
	mm	35*410
	mm	45*385
Hose Length	mm	2/3
Hose outer diameter	mm	21/27/27
Flex shaft core diameter	mm	8/9.15/9.15
Frequency vpm	vpm	10,000
Optional polyurethane tipped	Yes	

# EASY-TAKE CONCRETE VIBRATORS!

## GX35 powered Portable vibrators

- ◆ Eccentric type poker head and vibrators, with higher vibration performance (around 8000 ~10000Rpm);
- ◆ Powered by the Honda GX35 ( 4-stroke) original engine;
- ◆ With portable belt and knob, easy to take and lower labor fatigue;
- ◆ Lightweight and higher-mobility allow whole day use;
- ◆ Nice helper to DIY construction.



MODEL		XK35/45
Vibrator head diameter&Length	mm	35*410
		45*385
Hose Length	mm	550
Hose outer diameter	mm	27
Flex shaft core diameter	mm	9.15
Weight	kg	13
Frequency	vpm	10,000
Optional polyurethane tipped		Yes
Drive unit		Honda GX35/Other optional economic engine
Fuel type		Petrol

## Li-Ion vibrators-Low speed Pendulum handheld type

- ◆ Powered by low speed 0.8Kw brush-less motor( around 4000Rpm);
- ◆ Poker head 35mm, length 1m, 1.5m available;
- ◆ Pendulum vibrator designed to be more economical;
- ◆ Last for 80 minutes on a single charge;
- ◆ 1 pc Makita old type 18V/4Ah~8Ah battery suggested;



## Li-Ion vibrators-High speed Eccentric handheld type

- ◆ Powered by high speed Lithium Brush-less motor(around 13000Rpm)18V;
- ◆ Poker head 28mm, 32mm, length 0.8m, 1.2m, 1.5m, 2.4m available;
- ◆ Eccentric vibrator designed to be more efficient;
- ◆ Last for 90 minutes with 0.8m vibrator, for 48 minutes with 1.5m vibrator on a single charge;
- ◆ 1 pc Makita old type 18V/4Ah~8Ah battery suggested;



# EASY-TAKE CONCRETE VIBRATORS!

## Li-Ion vibrators- High speed Eccentric Portable type

- ◆ Powered by high speed Lithium Brush-less motor 1.5Kw (6600/8640 Rpm) 36V;
- ◆ Poker head 35mm, 45mm, length 2m available;
- ◆ Last for 30 minutes with 2m vibrator;
- ◆ 2 pcs Makita old type 18V/4Ah~8Ah battery suggested.



**POWERED BY RECYCLE CLEAN ENERGY  
PROTECT EARTH WHEN BUILD ON EARTH**

## SUBMERSIBLE FLEX DRIVE PUMP

- ◆ Outlet size 2" or 3" could be ordered;
- ◆ 2, 3 or 4 bearings could be ordered to strength the durability;
- ◆ Bigger flow capacity and higher lift;
- ◆ Complete aluminum pump housing makes product lighter and better rust-proof performance;
- ◆ Heavy duty coke resistant cast iron impeller;
- ◆ Bearing case of pump head is designed to get high durability and easy maintenance;
- ◆ Hardened bigger steel wear plates;
- ◆ Thicker metal filter with bigger plate.



Item	Model No.	TF P50	TF P80
Pump specification	Outlet size (mm)	50.8(2")	76.2(3")
	Max lift (m)	16	15
	Max flow capacity (m³/h)	43	55
	Body material	Aluminum	
Hose & Flexible shaft specification	Hose outer diameter(mm)	32/36	
	Hose inner diameter (mm)	18/20	
	Flexible shaft diameter(mm)	13	
	Length (m)	4~15	
Drive unit	Honda GX160 Petrol/ Robin EY20 Petrol/ Yanmar L48N Diesel/ Other economical engines optional		

# WATER PUMP

Powered by a heavy-duty combustion engine, PHILLO water pumps are designed for professionals who require consistent, powerful dewatering and irrigation where electrical power is unavailable or impractical. The compact design and lightweight construction, make it easy to transport and deploy on any job site, from agricultural fields to construction trenches.



Model	PZ50-Q	PZ80-Q
Flow	35m <sup>3</sup> /h	60m <sup>3</sup> /h
Suction Length	8m	8m
Lift	30m	28m
Discharge Capacity	169ml	169ml
Engine	EX17	EX17
Water Outlet Diameter	50mm	80mm
Net Weight	22kg	24kg
Package Size(L*W*H)	500*380*425mm	530*380*445mm

- ◆ **Reliable Power:** Driven by the proven EX17 4-stroke gasoline engine for dependable, off-grid operation.
- ◆ **High Performance:** Strong 8m suction lift & high up to 60m<sup>3</sup>/h flow to handle tough water transfer jobs.
- ◆ **Built Tough:** Heavy-duty, powder-coated steel frame ensures durability on any job site.
- ◆ **Easy to Move:** Lightweight design ensures one-person portability and quick deployment.
- ◆ **Full Protection:** Integrated frame guards components, and automatic low-oil shutdown give good protection.

# CONCRETE VIBRATOR ENGINES

Gasoline or diesel engines are used widely in construction site. PHILLO supplies reliable robust engines with strong support frames.

Model No.	DP1	DP2	DP3	DP4	DP5	DD4Y	DD5K
Fuel type	Petrol					Diesel	
Engine brand	Robin	Robin	Honda	Honda	Loncin	Yanmar	KAMA
Model	EY20	EX17	GX160	GX200	G200F	L48N	KM173
Power @3000rpm hp	3	3.5	4.0	4.8	4.6	3.8	4.5
Power @3000rpm kw	2.24	2.6	3.0	3.6	3.4	2.8	3.3
Fuel tank capacity L	3.8	3.2	3.1	3.1	3.6	2.4	2.5
Startup mode	Recoil start					Recoil start	



- ◆ **Heavy-duty construction**  
Both units feature solid frame protection with a protective plate to shield the engine.
- ◆ **Quick-release coupling**  
Quick-release design makes it easy to connect/disconnect pokers.
- ◆ **Reduced noise and vibration**  
Engine is mounted on rubber element to isolate vibration.
- ◆ **Quality engines**  
Yanmar diesel engines provide reliable performance. The Honda engine includes an oil alert for easy maintenance.
- ◆ **Efficient**  
Modern engines with low fuel consumption.

# HIGH FREQUENCY VIBRATOR

High-frequency vibrator is a recommended premium construction tool used to compact and consolidate concrete efficiently, ensuring optimal strength and durability by eliminating air pockets and enhancing material density.

Designed for professionals who demand flawless results, PHILLO brand vibrators ensures **stronger, denser, and longer-lasting concrete structures.**



- ◆ **ROBUST CONSTRUCTION**
- ◆ **HIGH-FREQUENCY OPERATION**
- ◆ **CONTINUOUS OPERATION**

## PHC- INTERNAL VIBRATORS WITH BUILT-IN CONVERTER

- ◆ **Lightweight and Flexible:** Easy to handle and maneuver, reducing operator fatigue.
- ◆ **Consistent Performance:** Maintains maximum centrifugal force for high and consistent compaction.
- ◆ **Advanced Protection:** Built-in safeguards against short circuits, overheating, over-voltage, and over-current.

Model No.	Head Diameter (mm)	Head Length (mm)	Head Weight (kg)	Total Weight (kg)	CF (N)	Rated current* (A)	Rated power (230V) (kw)	Action diameter* (cm)	Amplitude (mm)	Noise level (dB A)	Compaction power* (m3/h)	INPUT NOMINAL FREQUENCY (V-Hz-r/min)	Poker head protection	
PHC38	38	404	2.4	14.5	1700	1.5	0.5	45	1.8	70	20	230V (3PH) 200HZ 12000R/MIN	IP 68	
PHC50	50	468	5.2	20	3760	2.7	0.9	70	2.1	76	40			
PHC59	59	498	8.2	22.8	5640	3	1.1	90	2.4	79	45			
PHC65	65	484	9.4	24.8	7330	4.5	1.3	110	2.6	79	50			
<b>Converter info</b>		INPUT POWER			INPUT FREQUENCY			INPUT CURRENT						
		230V+10% - 15% 1PH			50/60HZ ±5%			5.5A						

### FEATURES

<b>DUTY CYCLE</b>	Continuous S1
<b>INPUT</b>	230V or 115V ± 10% 50/60 Hz -1 ph
<b>NOMINAL FREQUENCY</b>	12.000 vpm
<b>INSULATION CLASS</b>	F (T° max = 155 °C)
<b>PROTECTION CLASS</b>	Head protection IP68 Converter protection IP66 The inverter is protected against overcurrent, overvoltage, excess temperature and short circuit. A LED light shows the presence of a fault*
<b>WORKING TEMPERATURE</b>	From -20 °C to +40 °C
<b>HEAD</b>	Equipped with 4 ball bearings greased for life Hardening treatment(PHC38), chrome plating (PHC50, PHC59, PHC65)
<b>SWITCH BUILT-IN</b>	Complete with reinforced gasket
<b>PROTECTION HOSE</b>	6 SBR rubber hose with textile reinforcement
<b>SUPPLY CABLE</b>	10 m neoprene electric cable HO7RN-F with SCHUKO 220V 2P+1T 16A plug
<b>CONVERTER</b>	Sturdy cast aluminium box Ergonomic and lightweight (3 Kg)
<b>INVERTER</b>	Tropicalised and protected against vibration, moisture and shocks with a special resin

## PH- HF INTERNAL VIBRATOR



### SPECIFICATION LIST

Model No.	Head Diameter (mm)	Head Length (mm)	Head Weight (kg)	Total Weight (kg)	CF (N)	Rated current* (A)	Rated power (230V) (kw)	Action diameter* (cm)	Amplitude (mm)	Noise level (dB A)	Compaction power* (m3/h)
PH38	38	404	2.4	10.6	1700	8	0.5	45	1.8	70	20
PH50B	50	468	5.2	16.4	3760	15	0.9	70	2.1	76	40
PH59B	59	498	8.2	19.6	5640	17	1.1	90	2.4	79	45
PH65B	65	484	9.4	22.4	7330	24	1.3	110	2.6	79	50

### FEATURES

<b>DUTY CYCLE</b>	Continuous S1
<b>INPUT</b>	42V - 3ph - 200Hz
<b>NOMINAL FREQUENCY</b>	12,000 rpm
<b>INSULATION CLASS</b>	F (T* max = 155 °C)
<b>THERMAL SWITCHES</b>	Inside the stator. Max T °C = 150 °C
<b>WORKING TEMPERATURE</b>	From -20 °C to +40 °C
<b>HEAD</b>	Protection class IP68
<b>SWITCH BOX</b>	Sturdy cast aluminum box IP66 protection Designed for continuous use and resistant to wear and tear
<b>OPERATING HOSE</b>	OPERATING HOSE 6 m rubber hose with inner textile reinforcement
<b>SUPPLY CABLE</b>	6 m SBR rubber hose with inner textile reinforcement 10 m neoprene electric cable HO7RN-F with 3 pin plug (42V - 3 phase, IP44)

## PU- FREQUENCY AND VOLTAGE CONVERTER



### SPECIFICATION LIST

Model No.	Frame (Type)	Outlets (N°)	Supply electric cable (m)	Weight (kg)	Input			Output		
					Voltage and Frequency (V)	Current (A)	Power (kw)	Voltage and Frequency (V)	Current (A)	Power (kw)
PUM800-1	HANDLE	1	3.5	17	230V 1PH 50HZ	2.5	0.5	42V±10% 3PH 200HZ	11	0.8
PUM1000-1	HANDLE	1	3.5	25		6	1.1		14	1
PUM1800-2	FRAME	2	3.5	34		10	1.8		25	1.8
PU1800-2	FRAME	2	3.5	33	400V 3PH 50HZ	5	2.8		25	1.8
PU2600-3	WHEELED	3	3.5	41		6	3.3		36	2.6
PU4000-3	WHEELED	3	5	50		9	5		55	4
PU4000-4	WHEELED	4	5	50		9	5	55	4	
PU6200-4	WHEELED	4	5	56	12	6.6	85	6.2		

### COMPATIBILITY TABLE

VIBRATOR-CONVERTER ADAPTION LIST	Model No.	Outlets (N°)	Supply electric cable (m)	Weight (kg)	Input Voltage and Frequency (V)	Input Current (A)	Input Power (kw)	Output Voltage and Frequency (V)	Output Current (A)	Output Power (kw)
	PUM800-1	1	3.5	17	230V	2.5	0.5	42V±10%	11	0.8
	PUM1000-1	1	3.5	25	230V	6	1.1	42V±10%	14	1
	PUM1800-2	2	3.5	34	230V	10	1.8	42V±10%	25	1.8
	PU1800-2	2	3.5	33	400V	5	2.8	42V±10%	25	1.8
	PU2600-3	3	3.5	41	400V	6	3.3	42V±10%	36	2.6
	PU4000-3	3	5	50	400V	9	5	42V±10%	55	4
	PU4000-4	4	5	50	400V	9	5	42V±10%	55	4
	PU6200-4	4	5	56	400V	12	6.6	42V±10%	85	6.2

### FEATURES

<b>DUTY CYCLE</b>	Continuous S1
<b>INSULATION CLASS</b>	F (T* Max = 155 °C)
<b>PROTECTION</b>	Overload protection
<b>WORKING TEMPERATURE</b>	From -20 °C to +40 °C
<b>CONNECTION BOX</b>	Polyamide (nylon + 30% fibre glass), complete with switch and sockets (42V three phase, IP44 protection)
<b>SUPPLY CABLE</b>	Neoprene electric cable HO7RN-F with plug
<b>DESIGN</b>	Smooth and robust cast aluminium body Forced ventilation

# PLATE COMPACTOR

Engineered for high-impact performance, PHILLO Plate compactor uses powerful engine to vibrate heavy base plate, forcefully consolidating soil, gravel, and sand.

Compact, powerful, and durable, PHILLO Plate Compactor is designed to handle the most challenging compaction work.



- ◆ Powerful engine supplies stable longer uselife;
- ◆ Ductile iron base plate provides better durability;
- ◆ Open plate provides self-cleaning;
- ◆ Engine frame for protection;
- ◆ Sealed belt cover to prevent sand and soil in;
- ◆ Radius base plate for easy access to corners and option rubber plate for bricks paving;
- ◆ Throttle control on operating handle for easy operation;
- ◆ Professional an tough key parts ensure uselie >300H.



## WALK BEHIND TYPE

Model	PCT90D	PCT106D	PCT90	PCT106	PCT115D
Operation weight(kgs)	90	101	90	103	114
Engine model	YANMARL48N KAMA173F	YANMARL48N KAMA173F	Honda GX160	Honda GX160	YANMAR L48N KAMA173F
Net Power	3.1kw/4.2HP 3.7kw/5.0HP	3.1kw/4.2HP 3.7kw/5.0HP	3.6kw/4.8HP	3.6kw/4.8HP	3.1kw/4.2HP 3.7kw/5.0HP
Frequency(vpm)	6000	6000	6000	5880	5880
Impact force	15Kn	16Kn	15Kn	20Kn	21Kn
Shoe Size	530*500mm	530*500mm	530*500mm	590*500mm	590*500mm
Working speed	25m/min	25m/min	25m/min	25m/min	25m/min
Limited Gradient %	35	35	35	36.4	36.4
Compacting depth cm	30	30	30	30	30
Area capacity( m <sup>2</sup> /h)	750	750	750	750	750
Water tank	Optional for set with KAMA	Optional for set with KAMA	Optional	Optional	/
Bottom mat	Optional	Optional	Optional	Optional	Optional

## HYDRAULIC REVERSIBLE TYPE

Model	PCT140-H	PCT155D-H
Operation weight(kgs)	140	155
Engine model	Honda GX160	KAMA173F
Net Power	3.6kw/4.8HP	3.7kw/5.0HP
Frequency(vpm)	5700	5700
Impact force	25KN	26KN
Shoe Size	700*400mm	700*400mm
Working speed	24m/min	24m/min
Limited Gradient %	36.4	36.4
Compacting depth cm	30	30
Area capacity( m <sup>2</sup> /h)	576	576
Water tank	/	/
Bottom mat	/	/

# TAMPING RAMMER

Designed for deep, vertical compaction, our PHILLO Rammers deliver a powerful, focused blow to consolidate cohesive soils like clay and silt.



Model	PR70A	PR70B	PR85D
Net weight (Kgs)	72	78	85
Base material	Nodular Casting Iron covered by rubber		
Engine model	HONDA GX100	Robin EH-12D	YANMAR L48N/KAMA173F
Net Power	2.1kw/2.8HP	2.1kw/2.8HP	3.1kw/4.2HP 3.7kw/5.0HP
Speed (R.p.m.)	4000	3600	3600
Jumping stroke(MM)	40-80	40-80	40-80
Impact Force Kn	17	18	19
Plate Size	280*335mm	280*335mm	280*335mm
Impact number (per min)	600-700	600-700	600-700
Fuel tank	2.2L	2.2L	2.8L
Packing Size(L*W*H)	1080*410*750 (mm)	1080*410*750 (mm)	1240*540*850(mm)

- ◆ Powerful engine supplies stable longer uselife;
- ◆ Copper-clad iron worm and worm wheel, Die-cast aluminum gear housing, Professional bearing and belt, Complete finishing process ensured longer durability;
- ◆ Easy-operated safety switch helps operate safe and fast start and stop;
- ◆ Seamless tube operating handle and guard ring provide tough support and nice surface;
- ◆ Professional an tough key parts ensure uselife >300H.

# CONCRETE SCREED

A Concrete Power Screed is a mechanized screeding tool designed to strike off and consolidate wet concrete quickly and accurately.

PHILLO supplies the reliable screed with technically advantaged features.

Model	PS25
Net weight (Without blade)	15.2KGS
Engine model	HONDA GX35 or counterpart
Rated power/speed (Kw/r/min)	1.0/7000
Vibration frequency (Hz)	108
Flat thickness (mm)	20-30
Leveling speed ( m/min)	5
Gross weight (Without blade)	25.4KGS
Blade length (m/ft)	1.22(4); 1.83(6); 2.44(8); 3.05(10); 3.66(12); 4.27(14); 4.88(16)
Blade material	Aluminum



- ◆ **Power & Reliability:** Professional engine ( GX35) delivers consistent, high-frequency vibration for optimal consolidation;
- ◆ **Light & Tough Design:** Aircraft-grade aluminum beams are incredibly strong yet easy to handle;
- ◆ **Built for Efficiency:** Strike-off and consolidate in one fast pass. Dramatically speeds up work versus manual methods;
- ◆ **Operator-Friendly:** Excellent balance, smooth form-riding, and simple controls reduce fatigue on long pours;
- ◆ **Versatile & Adaptable:** Modular design adjusts to various widths. Handles a wide range of concrete mixes.

# POWER TROWEL

**Power Trowel is the essential machine for achieving a professional-grade finish on concrete slabs.**

Built with a robust gear-driven or rotor-stator system, ensuring consistent power delivery to the blades for a uniform finish without swirl marks. PHILLO Trowel's precision adjustment controls allow operators to achieve everything from a standard finish to a high-gloss burnish with perfect control.



Model	PT 600	PT 950	PT 1200
Net weight	70KGS	94KGS	128KGS
Engine model	HONDAGX160	HONDAGX160	HONDAGX390
Displacement	163cc	163cc	389cc
Rated power/speed (Kw/r/min)	3.6/3600	3.6/3600	8.7/3600
Fuel tank capacity	3.1L	3.1L	6.1L
Number of blade (mm)	4	4	4
Diameter of blade (mm)	590	900	1120
Diameter of pan (mm)	600	950	1168
Speed of trowel (r/min)	70-160	70-160	60-130
Adjustable angle of wiping disc (°)	0-15	0-15	0-15
Blade size(inch)	24	36	48
Blade size(mm)	230*120*1.6	350*200*2	450*200*2

- ◆ Powerful engine supplies stable longer uselife;
- ◆ Copper-clad iron worm and worm wheel, Die-cast aluminum gear housing, Professional bearing and belt, Complete finishing process ensured longer durability;
- ◆ Easy-operated safety switch helps operate safe and fast start and stop;
- ◆ Seamless tube operating handle and guard ring provide tough support and nice surface;
- ◆ Professional an tough key parts ensure uselife >300H.

# CONCRETE CUTTER

Concrete cutter, is a powerful cutting machine designed specifically for making precise cuts in concrete, asphalt, and other hard materials. Featured with diamond-edged blades, combined with advanced technique, PHILLO Concrete Cutter delivers superior cutting performance through even the toughest surface.



PCC500D

PCC350

Model	PCC500D	PCC350	PCC500-1	PCC500-2
Engine Model	Diesel Kama 188F	Loncin G200F /Honda GX160	Loncin G420F/ Honda GX390	Loncin G420F/ Honda GX390
Rated Power	7Kw/9.5HP	4.1Kw/5.5HP 3.6Kw/4.8HP	9Kw/12HP 8.7Kw/11.7HP	9Kw/12HP 8.7Kw/11.7HP
Fuel tank capacity	5.5L	3.6L/3.1L	6.5L/6.1L	6.5L/6.1L
Work Revolution (r.min)	3750	3750	3750	3750
Blade Diameter (mm)	450mm-500mm (18inch-20inch)	250mm-350mm (10inch-14inch)	450mm-500mm (18inch-20inch)	450mm-500mm (18inch-20inch)
Blade fitting hole Diameter (mm)	25.4/50	25.4/50	25.4/50	25.4/50
Max cutting depth (mm)	180	90	190	180
Depth Adjustment Mechanism	Handwheel rotation	Handwheel rotation	Handwheel rotation	Handwheel rotation
Water tank Capacity L	24	14	40	39
Drive Mechanism	/	/	Gear type	Chain type
Net weight(kgs)	130	72	158	150



PCC500-1

PCC500-2

- ◆ **Powerful Performance:** High-torque engine deliver consistent torque to power through reinforced concrete and asphalt
- ◆ **Precision Depth Control:** Easy-adjust blade guards and clear depth scales ensure accurate, consistent cutting depth for joints, trenches, and demolition.
- ◆ **Maneuverability:** Walk-behind design for easy navigation with ergonomic handle for operator comfort
- ◆ **Cutting Versatility:** Ideal for asphalt, concrete, and roadways; Adjustable cutting depth for various applications
- ◆ **Durability Built-In:** Reinforced steel frames, sealed components, and high-quality shafts withstand rigorous job-site demands.
- ◆ **Safety First:** Blade guard for operator protection
- ◆ **Ergonomic Operation:** Vibration-dampening handles and balanced designs maximize control and minimize operator fatigue during long cuts.

# CONCRETE MIXER

A concrete mixer is the essential workhorse that transforms raw cement, sand, gravel, and water into a uniform, workable concrete mix, forming the literal foundation for construction projects. It ensures consistent quality, efficiency, and strength in everything from simple sidewalks to towering structures.

**PHILLO brand Concrete Mixer** is an essential equipment for small to medium-scale construction, renovation, and DIY projects, with its reliable mechanism structure, robust engine and high quality concrete output.

Model	PCM350D	PCM350	PCM350-1	PCM260D	PCM260	PCM260-1
Engine Type	Diesel, KAMA 178F	Petrol, Robin EX17	Petrol, Honda GX160	Diesel, KAMA 178F	Petrol, Robin EX17	Petrol, Honda GX160
Power kw(hp)	4.0(5.5)	2.9(4.0)	3.6(4.9)	4.0(5.5)	2.9(4.0)	3.6(4.9)
Operation Mass kg(lb)	383(856)	365(818)	365(818)	357(800)	339(759)	339(759)
Drum mouth mm		455			455	
Drum Max Dia mm		752			752	
Drum Height mm		900			726	
Mixed Batch Output L		260			170	
Drum Volume L		350			260	
Drum rotation speed Rpm		28			28	
Dimension mm		1960*900*1200			1960*900*1200	



- ◆ **Durable Mixing Drum:** Heavy-gauge steel with internal blades ensures a fast, homogeneous mix of concrete;
- ◆ **Easy Tilting Discharge:** The controlled tilting mechanism allows quick, clean emptying into wheelbarrows or forms;
- ◆ **Stable, Rugged Frame:** Built to withstand harsh site conditions and provide steady operation;
- ◆ **High Maneuverability:** Equipped by DOT standard tires-wheels, easy to transport, move and use.
- ◆ **Branded engines:** Perfect for remote locations, large outdoor sites, and heavy-duty continuous use.