

# CONSTRUCTION SOLUTIONS

## SITE UTILITIES



## COMPACTION



hoppt®



## CONCRETE



## SURFACE PREP

 **QUALITY · DEPENDABLE · RELIABLE**

# HOPPT® STORY

Hoppt®, a family-owned Singapore based company founded in 1975 by Mr. Tan Poh Kwang, was Singapore's very first and only manufacturer of light construction equipment. Initially the core business of the company was repairing construction equipment, machining spare parts and manufacturing HOPPT® brand Concrete Vibrators.

The precision and high-quality effort of the Hoppt® team became a primary choice of premium elevator companies like Hitachi, Fujitec and OTIS for manufacturing the elevator traction machines, pulleys and other critical components. Considering the critical quality requirements of elevator parts, the company consistently maintained these same high standards to ensure that the quality was never compromised throughout all the Hoppt® production processes. Hoppt® prides itself in having the best skilled technicians and quality control processes while maintaining the highest workplace and safety standards. This focus of producing superior quality components became the baseline for the wide range of light-to-medium construction equipment now produced by Hoppt® and marketed worldwide. Hoppt® outgrew the Singapore facilities and moved the factory to Shanghai in 1994. This also was outgrown due to the continued rapidly growing production requirements, and the company established the current, much bigger and state-of-the-art production plant in Haimen City, Jiangsu Province of China, on the northern bank of the Yangtze River. This new facility covers an area of almost 40,000 sq. meters (430,000 sq. feet), and employs over 200 employees.

All facets of manufacturing, from engineering, machining, fabrication, powder-coating, assembly, and quality control to finance, purchasing, administration and warehousing are now managed at this new location. Hoppt® completed their factory relocation in March 2012, and with this move Hoppt® management made a conscious decision to upgrade and acquire the latest high-tech machinery to ensure consistent and efficient production of high quality products to a standard competitive with the top players within the construction equipment industry in the United States, Europe, Australia and all around the World.

## Our Vision

To be the leading manufacturer of light-to-medium construction equipment, mould bases, and other industrial products by providing our customers with superior quality products that provide reliable performance along with dependable customer sales and service support.

2 - 11

**SITE-UTILITY**

HYDRAULIC-MAST LIGHT TOWERS (LED)	2 - 3
MANUAL-MAST LIGHT TOWERS	4 - 5
PLUG-IN LIGHT TOWERS	6 - 7
TERRAIN LOADERS	8 - 9
SUBMERSIBLE PUMPS	10 - 11



12 - 37

**COMPACTION**

1.5 TONNE RIDE-ON VIBRATORY ROLLERS	12 - 13
3.0 TONNE RIDE-ON VIBRATORY ROLLERS	14 - 15
HYDROSTATIC DUPLEX ROLLER - DOUBLE AMPLITUDE	16 - 17
WALK-BEHIND DUAL-DIRECTIONAL VIBRATORY ROLLERS	18 - 22
SINGLE-DRUM DUAL-DIRECTIONAL VIBRATORY ROLLER	23
TAMPING RAMMERS	24 - 26
DIESEL TAMPING RAMMERS	27
VIBRATORY REVERSIBLE PLATE COMPACTORS	28 - 31
VIBRATORY FORWARD PLATE COMPACTORS	32 - 35
VIBRATORY PAVEMENT COMPACTORS	36 - 37



38 - 49

**CONCRETING**

RIDE-ON POWER TROWELS	38 - 41
WALK-BEHIND POWER TROWELS	42 - 45
HAND-HELD PORTABLE CONCRETE VIBRATORS	46
CONCRETE SCREEDS	47
CONCRETE VIBRATORS	48 - 49



50 - 61

**CUTTING AND GRINDING**

SOFT CONCRETE CUTTERS	50 - 51
CONCRETE CUTTERS	52 - 55
SURFACE GRINDERS	56 - 57
CUB GRINDERS	58 - 59
CONCRETE SCARIFIERS	60 - 61



62 - 67

**AIR-POWERED**

AIR-POWERED TAMPING RAMMERS	62 - 63
AIR-POWERED FORWARD PLATE COMPACTORS	64 - 65
AIR-POWERED CONCRETE VIBRATORS	66
AIR-POWERED WALK-BEHIND POWER TROWELS	67



# HYDRAULIC-MAST LIGHT TOWERS (LED)

**Hoppt HLT8-1.4LED** offers the latest design and lowest fuel consumption in LED light towers that construction sites, outdoor events and industries worldwide have been requesting for. We have coupled the lowest fuel consumption with the market's most powerful 4 X 350 LED lamps ever before seen. These products provide outstanding value and efficiency for our customers

Powered by :



MODEL	HLT8-1.4LED
<b>STRUCTURE</b>	
MAXIMUM HEIGHT	8 m
RAISING	Hydraulic
ROTATION SECTION	340 degree
MAXIMUM WIND STABILITY	80 km/h
MINIMUM DIMENSION - L x W x H (mm)	2,740 x 1,435 x 2,960
MAXIMUM DIMENSION - L x W x H (mm)	2,740 x 2,675 x 7,960
DRY WEIGHT	750 kg
<b>ENGINE</b>	
HATZ	1B30X-PMG
POWER	5kw
COOLING	AIR
GOV.ENGINE SPEED	MAX. 3200rpm
FUEL	Diesel
STARTING SYSTEM	Electric
OIL SUMP CAPACITY	1.0L
FUEL TANK CAPACITY	125L
CONSUMPTION	263g/kwh
NOISE LEVEL	101Lwa
BATTERY	12v-55Ah
<b>GENERATOR</b>	
SINGLE PHASE VOLTAGE	3.6kVA - 240 V
FREQUENCY	50Hz
COSφ	0.8
MECHANICAL PROTECTION	IP 21
<b>LAMP</b>	
TYPE OF LIGHT	LED
NUMBER & POWER OF LIGHT	4 x 350 w
DEGREE OF PROTECTION	IP 67*
CONSTRUCTOR MATERIAL OF THE BODY	Die-Cast Aluminium
CONSTRUCTOR MATERIAL OF LAMPHOLDER	Die-Cast Aluminium
CABLE GLAND	Plastic
OPTICAL CASE OPENING SYSTEM	Stainless Steel Clips
DIMENSIONS - L x W x H (mm)	404 x 260 x 328



HLT8-1.4LED



### Features and Benefits:

- Centrally placed lifting points and inserts for forklift
- Compact dimensions in transport thanks to its telescopic design
- Epoxy powder paint for hardness and strength, the best against ultraviolet light and corrosion.
- Bigger capacity fuel tank of 125 Litre which allows for longer running time hence increasing productivity.



# MANUAL-MAST LIGHT TOWERS

Hoppt offers this model with 4 x 1000w Metal Halide bulbs that provide a total light power of 350,000 lumens. These projector lamps can perform up to 10,000 hours of use. **HLT8-4K** is manufactured with the highest quality components and finish; compact design, safe, efficient and high-performance. The unit offers a wider area of illumination and greater fuel economy. This is perfect for providing static lighting needed in the following applications: construction, rental companies; construction of mining infrastructure; outdoor events equipped with a manual winch and a telescopic mast which enable a compact design and economy.

MODEL	HLT8-4K
<b>STRUCTURE</b>	
MAXIMUM HEIGHT	8 m
RAISING	Manual
ROTATION SECTION	340 degree
MAXIMUM WIND STABILITY	80 km/h
MINIMUM DIMENSION - L x W x H (mm)	2,650 x 1,300 x 2,460
MAXIMUM DIMENSION - L x W x H (mm)	2,650 x 2,460 x 8,000
DRY WEIGHT	716 kg
<b>ENGINE</b>	
KOHLER®	KDW 1003
NUMBER OF CYLINDERS	3
DISPLACEMENT	1,028 cc
POWER	10 kw
COOLING	Water
GOVERNED ENGINE SPEED	1,800 rpm(60Hz)/1,500 rpm(50Hz)
FUEL	Diesel
STARTING SYSTEM	Electric
OIL SUMP CAPACITY	2.4 litre
FUEL TANK CAPACITY	75 litre
CONSUMPTION	263 g/kwh
NOISE LEVEL	93 Lwa
BATTERY	12 V - 44 Ah
<b>GENERATOR</b>	
SINGLE PHASE VOLTAGE	10 kVA - 240 V
FREQUENCY	60Hz/50Hz
COSφ	0.8
MECHANICAL PROTECTION	IP 23
<b>LAMP</b>	
TYPE OF LIGHT	Metal Halide Floodlight
NUMBER & POWER OF LIGHT	4 x 1,000 w
DEGREE OF PROTECTION	IP 66*
CONSTRUCTOR MATERIAL OF THE BODY	Die-Cast Aluminium
CONSTRUCTOR MATERIAL OF LAMPHOLDER	Ceramic
REFLECTOR	Polished and Anodized Aluminium 99.85
CABLE GLAND	Stainless Steel
OPTICAL CASE OPENING SYSTEM	Stainless Steel Clips
DIMENSIONS - L x W x H (mm)	404 x 260 x 328



HLT8-4K

Powered by : **KOHLER** 

### Features and Benefits:

- Hinged doors, compact design and strong tow frame
- Large back cover with fan provide spacious heat extraction.
- 2 height adjustable galvanized stabilizers ensure stability of the machine and can withstand up to 80 km/hr wind with mast fully assembled.

# PLUG-IN LIGHT TOWERS

The tower light **HLT7-640L** is manufactured for the diverse rental applications and to supply the users with solid lighting equipment that is easy to transport and meets all site requirements. The additional safety functions ensure that the lamps are protected during transport. The most flexible and the most powerful lighting solution on the market, allowing the users to connect the tower light to every type of power supply, including an auxiliary supply, a generator and even directly to the network.

## Features and Benefits

- Ideal for special event management, projects in urban areas, temporary roads, public construction and lighting.
- Durability of LED lamps: more than 20,000 hours.
- Bright coverage area of 3000m<sup>2</sup> (20 lux on average).
- Footboard facilitating the dismantling.
- Compact.
- Economic.
- Perforated lamp armatures permitting wind to blow through without causing pressure to the mast.

MODEL	HLT7-640L
FREQUENCY HZ	50/60
NOMINAL POWER(KW)	0.64
MIN. DIM. (CM)	116×80×220
MAX. DIM. (CM)	195×125×720
DRY WEIGHT (KG)	275
LAMPS POWER (W)	160×4
LAMP TYPE	LED
ILLUMINATED AREA (5 LUX MIN.)	2000m <sup>2</sup>
LUMEN	16000×4
MAST ROTATION	Fix





No Emission  
No Fuel



# TERRAIN LOADERS

HOPPT® Terrain Loaders are designed for quick and easy transportation of materials and equipment for high productivity. Its strong and robust design coupled with an anti-tipping mechanism, enable it to handle loads up to 345kg with ease.

Powered by : **HONDA**  
**E N G I N E S** 

The **HOPPT® HTL350 Terrain Loaders'** Design has many features that benefit the operators.

- Robust design of the skip and discharge system for better balance
- Market leading weight capacity of 345kg
- Perfectly-balanced operating gear and quick releasing handle, making loading and unloading at full load smoother with ease
- Works well with other equipment such as mini-excavators and cement mixers allowing low direct discharge
- A motorized 4-wheel loader drive that can go anywhere a tracked machine can
- Easy interchanging between the bucket and flat tray
- Transmission gear box from TECUMSEH, USA
- Able to climb slope up to an angle of 30°
- 4-speed setting

MODEL	HTL350
MACHINE DIMENSION – L x W x H (mm)	1,792 x 724 x 967
OPERATING WEIGHT – (kg)	162
MAXIMUM SPEED – (km/h)	5.8
BUCKET CAPACITY – (litre)	137
BUCKET CAPACITY – (kg)	345 W
ENGINE	HONDA® GXV160 @ 3.2kW (4.3hp) 4-Stroke Petrol



Comprehensive Control Panel with Easy-to-Read Instructions



Handle with Clutch-Control within Reach for Fast and Easy Manoeuvring



Site Operator Using the HTL350 for Fast and Easy Transportation of Gravel

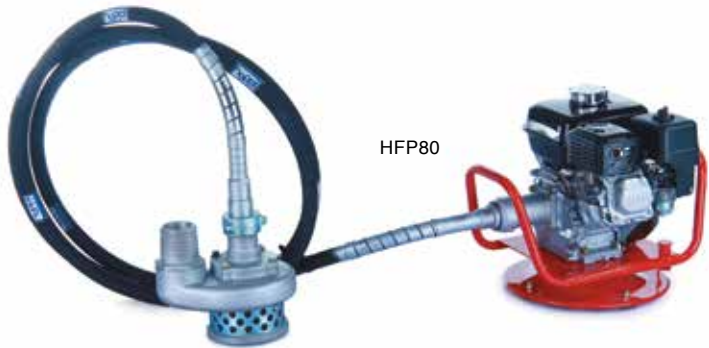
# SUBMERSIBLE PUMPS

Dependable Submersible Pumps you can count on in the toughest applications. Use a submersible pump when you have high suction lift requirements that are beyond what engine-driven pumps can do over 8 meters depth (25 feet). Submersibles are designed to be lowered into the water and will push up the water (instead of drawing or sucking up the water) with the liquid being brought into the unit at the very bottom of the pump.

Powered by :



**HONDA**  
ENGINES 



Options - Handle & Quick-Change Coupling Available

MODEL	HFP80
OPERATING WEIGHT – (kg)	22.5
DISCHARGE DIAMETER – (mm)	76
MAXIMUM HEAD – (m)	17
MAXIMUM CAPACITY – (litre/h)	72,000
FLEXIBLE SHAFT / HOSE LENGTH – (m)	6.0
SHAFT REVOLUTION – (rpm)	3,000 - 5,000

# SUBMERSIBLE PUMPS - SUPER SITE PUMPS

The Super Site Pump HFP85 is able to force out aggregates as large as 28mm. All HOPPT® Submersible Pumps are made compact with an aluminum casting body for durability to provide an economical and energy efficient pump. They deliver high performance and offer trouble-free operations.



MODEL	HFP85
OPERATING WEIGHT – (kg)	26
DISCHARGE DIAMETER – (mm)	50
MAXIMUM HEAD – (m)	20
MAXIMUM CAPACITY – (litre/h)	63,000
FLEXIBLE SHAFT / HOSE LENGTH – (m)	6.0
SHAFT REVOLUTION – (rpm)	3,000 - 5,000

# 1.5 TONNE RIDE-ON VIBRATORY ROLLERS

- **HOPPT® DVR16s** have received very good response and commendations from our customers, since its initial launch in 2012.
- With ease of maintenance, good performance, reliability, versatility, productivity and comfort as our standard design guidelines, we have fulfilled the expectations of our customers.
- All features are ergonomically-engineered with such details that ensure optimum comfort and maximum productivity.

Powered by :  

MODEL	DVR16
<b>MACHINE DIMENSION – L x W x H (mm)</b> Height – Top of the Steering Wheel (mm) Height – Top of ROPS (mm)	2,095 x 980 x 2,568 1,534 2,568
<b>WEIGHT – (kg)</b>	Operating Weight – 1,730 Shipping Weight – 1,790
<b>DRUM WEIGHT – (kg)</b>	Static Front – 376 Static Rear – 376
<b>DRUM SIZE – (mm)</b>	Width (900) Option (1,000), Diameter (560), Shell Thickness (15) Side Clearance (40), Curb Clearance (337), Chamfered Edge Finishing
<b>DRUM WIPER TYPE</b>	Spring-Loaded Self-Adjusting Steel Wiper
<b>VIBRATION FREQUENCY – Hz (vpm)</b>	66.7 (4,200)
<b>VIBRATING SYSTEM</b>	Nominal Amplitude 0.4
<b>VIBRATING DRUMS</b>	Gear Pump – POCLAIN® Hydraulics, FRANCE Motors – CASAPPA®, ITALY Front/Both
<b>CENTRIFUGAL FORCE – (kN)</b>	16
<b>PROPULSION</b>	DRUM DRIVE – Axial Piston Pump with Variable Displacement and 2 Radial Piston Motors from POCLAIN® Hydraulics, FRANCE
<b>SPEED (km/h)</b>	10 – Highest Speed
<b>BRAKES – Gradability (Theoretical)</b>	35° PARKING – SAHR (Spring-Applied Hydraulically Released)
<b>STEERING SYSTEM AND DESIGN</b>	1 Cylinder, Double-Acting Hydraulic System with a Maintenance-Free Centre Pivot Articulation of ± 30° Outside Turning Radius – 3,100 mm
<b>WATER SYSTEM</b>	Pressurised Electric Diaphragm Pump Filters of 100 Mesh Screen @ Nozzle with 80 Mesh In-Line
<b>TANK CAPACITY – (litre)</b>	Water Tank – 110 Fuel Tank – 31 Hydraulic Tank – 30



DVR16





# 3.0 TONNE RIDE-ON VIBRATORY ROLLERS

MODEL	DVR28
<b>MACHINE DIMENSION – L x W x H (mm)</b>	2,594 x 1,322 x 2,852
<b>Height – Top of the Steering Wheel (mm)</b>	1,740
<b>Height – Top of ROPS (mm)</b>	2,852
<b>WEIGHT – (kg)</b>	Operating Weight – 2,780 Shipping Weight – 2,840
<b>DRUM WEIGHT – (kg)</b>	Static Front – 686 Static Rear – 686
<b>DRUM SIZE – (mm)</b>	Width (1,200) Option (1,000), Diameter (700), Shell Thickness (15) Side Clearance (50), Curb Clearance (648), Chamfered Edge Finishing
<b>DRUM WIPER TYPE</b>	Spring-Loaded Self-Adjusting Steel Wiper
<b>VIBRATION FREQUENCY – Hz (vpm)</b>	66 (3,960)
<b>VIBRATING SYSTEM</b>	Nominal Amplitude 0.4
<b>VIBRATING DRUMS</b>	Gear Pump – POCLAIN® Hydraulics, FRANCE Motors – CASAPPA®, ITALY
<b>CENTRIFUGAL FORCE – (kN)</b>	Front/Both 28
<b>PROPULSION</b>	DRUM DRIVE – Axial Piston Pump with Variable Displacement and 2 Radial Piston Motors from POCLAIN® Hydraulics, FRANCE
<b>SPEED (km/h)</b>	10 – Highest Speed
<b>BRAKES – Gradability (Theoretical)</b>	30° PARKING – SAHR (Spring-Applied Hydraulically Released)
<b>STEERING SYSTEM AND DESIGN</b>	1 Cylinder, Double-Acting Hydraulic System with a Maintenance-Free Centre Pivot Articulation of ± 34° Outside Turning Radius – 3,600 mm
<b>WATER SYSTEM</b>	Pressurised Electric Diaphragm Pump Filters of 100 Mesh Screen @ Nozzle with 80 Mesh In-Line
<b>TANK CAPACITY – (litre)</b>	Water Tank – 205 Fuel Tank – 50 Hydraulic Tank – 68



Clearly Laid-Out Operating Panel Configuration for Easy Operation



Engine and Other Components are Spaced Out Appropriately for Ease of Maintenance



High Horse-Power KUBOTA® V1505-T for Maximum Power and Performance: A Naturally-Aspirated Engine Complying to EPA Tier 4, EU Stage III-A Emission Regulations 3-Cylinder Liquid-Cooled Diesel Engine, JAPAN





DVR28



# ROL700-HYDROSTATIC DUPLEX ROLLER-DOUBLE AMPLITUDE

## Fully hydrostatic, dual vibration system

The innovative ROL700 walk behind roller helps you limit your machine investment. A double stage high-amplitude setting provides this walk-behind roller to perform custom built for both work on soils and aggregates. With the flip of a switch your operator can adjust to a low-amplitude setting and have a roller that is a perfect fit in asphalt and bituminous materials. This roller is equipped with the powerful Hatz 1B50 engine with electric start and easy accessible control panel on steering handle. The drive and vibration are fully hydraulic, eliminating V-belt and clutch.

ROL700 features scrapers and a 50-litre water tank with sprinkler system to ensure the machine is ready to handle bituminous surfaces when called upon. This unique Hoppt roller offers perfect clearance on both drum sides, allowing compaction work extremely close to curbstones, retaining walls and other obstacles. No extra time-consuming work on edges and in confined areas is needed. The hydraulic drive ensures variable speed adjustment and smooth starting/ braking action.

Powered by :



## Features and Benefits:

- Two large Poclain hydraulic drive pumps and a vibration pump from Sauer Danfoss
- Air-cooled HATZ diesel engine: powerful and environmentally friendly.
- Hydrostatic drive and vibration system.
- Hydrostatic adjustable excentric weights that are productive in both soil and asphalt applications.
- Hydraulic pump for hydrostatic drive and steering: no V-belt or clutch.
- Ergonomic vibration dampened operator handle, control panel with easy access.
- Hydrostatic control lever and adjusting lever.
- Two removable drum scrapers ensuring automatic cleaning.
- MAXIMUM SAFETY: dead man safety button.
- Hydraulic parking brake, reverse gear limited to 2.5 km/h.
- Adjustable amplitude on asphalt (13 kN) as well as on soil (21 kN).
- Anti corrosive oil tank.

ROL700



MODEL	ROL700
WEIGHT (kg)	770
WORKING WIDTH (mm)	650
LINEAR CHARGE (kg/cm)	5/28
DRIVE	Hydrostatic
DIESEL ENGINE	HATZ 1B50
ENGINE POWER HP (kW)	11,3 (8,5)
FORWARD SPEED (km/h)	4
SPEED REVERSE GEAR (km/h)	2.5
VIBRATION	Hydrostatic
CENTRIFUGAL FORCE TO CHOOSE (kN)	13 / 21
VIBRATION MOTOR BRAND	Sauer Danfoss
VIBRATION FREQUENCY HZ (VPM)	70 (3300)
GRADEABILITY	25 / 45
WITH / WITHOUT VIBRATION (%)	
WATER TANK CAPACITY (L)	50
HYDRAULIC OIL TANK (L)	20
FUEL COMSUMPTION (L/H)	1,2



HOUR METER	Option
PROTECTIVE COVER	Yes
COMPACTION DEPTH* BIG OR SMALL AMPLITUDE	
*According to the nature of the soil (kg/cm)	
SAND/GRAVEL (CM)	0/25
USUAL SOIL (CM)	20/15

# WALK-BEHIND DUAL-DIRECTIONAL VIBRATORY ROLLERS

- HOPPT® offers FIVE models of Walk-Behind Vibratory Rollers.
- Four of which are Double-Drum Dual-Directional Vibratory Rollers and are fitted with DANFOSS® Hydraulic system for easy manoeuvring and maintenance. One is a Single-Drum Model.
- All rollers are ergonomically-engineered with such details that ensure optimum comfort and maximum productivity. All rollers are fitted with either single or twin-exciter and twin eccentric masses, which delivers high centrifugal force.
- All models come in mechanical clutch as standard feature, with electro-magnetic clutch as an option on ROL800.
- Compaction can also be done right up to the edge of the curbside, thus saving time and money for additional work.

Powered by :   **HONDA**  
**ENGINES**  

- **Specially-Designed TWIN-EXCITER System**, creating a very powerful 22.0kn centrifugal force.
- Powered by the German-made HATZ® 1B40 Diesel Engines and the Durable Japan-made KUBOTA® EA330 Diesel Engines that complies with:
- EPA Tier-4 Emissions Regulations Standard Exerting Durable Power with a Three Vortex Combustion System (TVCS), which provides Stable Performance even at high engine rpm and an ideal mixture of air and fuel to ensure low-fuel consumption.
- Therefore, ensuring work goes smoothly and steadily.
- In enclosed areas where petrol is restricted.



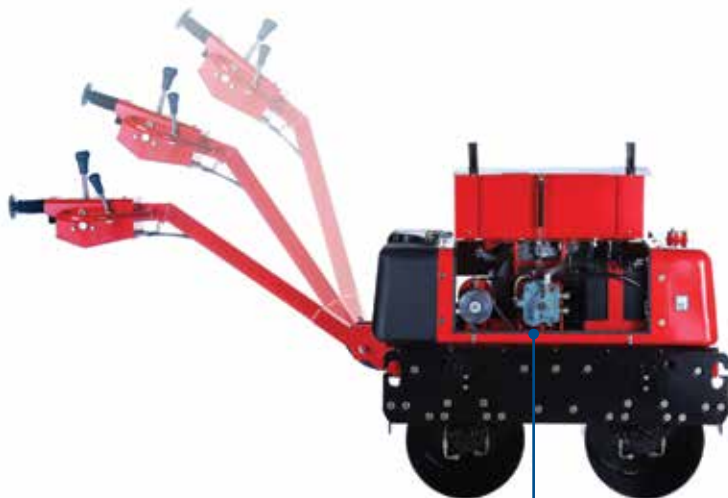
Large Capacity (47 litre)  
Water-Tank



Low-Overhang for Compaction Right Up  
to the Edge of Curbside



Huge Hydraulic Oil Tank (30 litres)  
for Longer Interval of Oil Change



ROL800 with KUBOTA® EA330, Electric-Start



# WALK-BEHIND DUAL-DIRECTIONAL VIBRATORY ROLLERS

In places and job sites whereby petrol engines are not desirable, we at HOPPT® offered the solution by introducing our latest diesel Powered range of equipment specially built to cater for different market needs.



## NORDIC LIGHTS

- HQ located in Sweden
- Designs, manufactures and markets a complete range of high-performance, energy-efficient display lighting fixtures
- 30 years of market presence



## DANFOSS

- Specialise in mobile hydraulics and controls business for more than 50 years since 1961
- Provides a wide-range of products and services are used in areas like cooling food, air-conditioning, heating buildings, controlling electric motors and powering mobile machinery

MODEL	ROL800 (Twin-Exciter)	ROL650
MACHINE DIMENSION – L x W x H (mm)	2,465 x 754 x 1,170	2,385 x 700 x 1,150
OPERATING WEIGHT – (kg)	830	675
DRUM SIZE – D X W (mm)	402 x 700	402 x 650
CENTRIFUGAL FORCE – kgf (kN)	2,243 (22.0)	1,100 (10.8)
VIBRATION FREQUENCY – Hz (vpm)	55 (3,300)	55 (3,300)
MAXIMUM WORKING SPEED – (km/h)	3.6	3.6
GRADEABILITY – ( ° )	25	25
WATER TANK CAPACITY – (litre)	47	47
HYDRAULIC OIL CAPACITY – (litre)	30	30
ENGINE OPTIONS	KUBOTA® EA330 @ 5.15kW (6.9hp) 4-Stroke Diesel (Electric-Start)	KUBOTA® E75 @ 4.8kW (6.5hp) 4-Stroke Diesel (Crank & Electric-Start)
	HATZ® 1B40 @ 7.3kW (9.3hp) 4-Stroke Diesel (Recoil & Electric-Start)	HONDA® GX390 @ 8.7kW (11.7hp) 4-Stroke Petrol (Recoil-Start)
	-	HATZ® 1B40 @ 7.3kW (9.3hp) 4-Stroke Diesel (Recoil & Electric-Start)



ROL800 with HATZ®

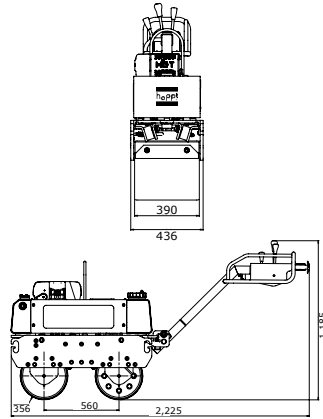


ROL650





ROL450



ROL550

MODEL	ROL550	ROL450
MACHINE DIMENSION – L x W x H (mm)	2,295 x 630 x 1,115	2,225 x 436 x 1,185
OPERATING WEIGHT – (kg)	565	510
DRUM SIZE – D X W (mm)	356 x 605	356 x 390
CENTRIFUGAL FORCE – kgf (kN)	900 (8.8)	2,040 (20)
VIBRATION FREQUENCY – Hz (vpm)	55 (3,300)	43 (2,580)
MAXIMUM WORKING SPEED – (km/h)	3.6	2.7
GRADEABILITY – ( ° )	25	25
WATER TANK CAPACITY – (litre)	35	15
HYDRAULIC OIL CAPACITY – (litre)	21	12
ENGINE OPTIONS	KUBOTA® E75 @ 4.8kW (6.5hp) 4-Stroke Diesel (Crank & Electric-Start) HONDA® GX270 @ 6.6kW (9.0hp) 4 Stroke Petrol (Recoil-Start)	HATZ® 1B20 @ 3.5kW 4-Stroke Diesel (Recoil-Start)



# SINGLE-DRUM DUAL-DIRECTIONAL VIBRATORY ROLLER



COMPACTION

MODEL	ROL500S
MACHINE DIMENSION – L x W x H (mm)	2,025 x 930 x 1,962
OPERATING WEIGHT – (kg)	500
DRUM SIZE – D X W (mm)	575 x 760
CENTRIFUGAL FORCE – kgf (kN)	1,750 (17.2)
VIBRATION FREQUENCY – Hz (vpm)	74 (4,380)
MAXIMUM WORKING SPEED – (km/h)	3.6
GRADEABILITY – ( ° )	25
WATER TANK CAPACITY – (litre)	35
HYDRAULIC OIL CAPACITY – (litre)	-
ENGINE OPTIONS	HONDA® GX270 @ 6.6kW (9.0hp) 4 Stroke Petrol (Recoil-Start)

# TAMPING RAMMERS

Perfectly compacted soil which is a major component for any construction project. It provides a sturdy, impenetrable, and solid base necessary to support footings and foundations. Heavy duty and solid, our Hoppt engine driven rammers are the perfect construction equipment for compacting trenches, foundations, footings, or retaining walls. Our engine driven rammers work well with cohesive or mixed soil material where the high clay contents consist of small particles and low internal friction. Containing minimal moisture, they can be compressed adequately and are impermeable when compacted.



low hand-arm vibration



**HOPPT® RAM60B** and **RAM70C** are the Latest Additions to the Rammer's range: Powered by the **ROBIN® EH09** and **EH12** Petrol engines, specially-engineered for Rammers.

Powered by : **HONDA**  
**ENGINES** 



- They are well-balanced, light-weight and powerful to exert maximum power for the most demanding jobs efficiently. It is also fitted with a Triple Air-Filter System to prevent particulate matter (PM) from entering the engine's cylinder for cleaner fuel to prolong engine life.
- It could also be fitted with a **HONDA® GX100** petrol engine, as an option.
- With a compact and appealing design, they have the same compaction capabilities as other rammers in our range. Many new features are also added to ensure maximum comfort and productivity.



Triple Air-Filters System



Two-In-One Lever and Kill-Switch interlocking with Fuel Cut-Off Mechanism for Easy Reach



Fuel Tanks Made of Durable Material for Resistance Against Abrasions and Punctures



RAM60B



RAM70C





RAM60B



RAM70C



RAM70B

MODEL	RAM60B	RAM70C	RAM70B
MACHINE DIMENSION – L x W x H (mm)	735 x 370 x 1,035	735 x 370 x 1,070	740 x 420 x 1,100
OPERATING WEIGHT – (kg)	69	79	76
SHOE SIZE – L x W (mm)	340 x 275	335 x 285	340 x 280
STROKE – (mm)	50-70	50-80	75
IMPACT FORCE – kgf (kN)	1,390 (14)	1,600 (16)	1,600 (16)
BLOWS PER MINUTE	650-700	650-700	650-700
COMPACTION DEPTH – (mm)	610	610	610
MAXIMUM WORKING SPEED – (m/min)	10-13	10-13	9-12
COMPACTION AREA – (m <sup>2</sup> /h)	260	260	290
FUEL TANK CAPACITY – (litre)	3.5	3.5	3
ENGINE OPTIONS	ROBIN® EH09-2D @ 2.2kW (3.0hp) 4-Stroke Petrol	ROBIN® EH12-2D @ 2.9kW (4.0hp) 4-Stroke Petrol	ROBIN® EH12-2D @ 2.9kW (4.0hp) 4-Stroke Petrol
	HONDA® GX100 @ 2.1kW (2.8hp) 4-Stroke Petrol	HONDA® GX100 @ 2.1kW (2.8hp) 4-Stroke Petrol	-

# DIESEL TAMPING RAMMERS

HOPPT® Diesel Tamping Rammers are built for hazardous job sites, that require a diesel fleet with all the requirements and capabilities for maximum compaction and productivity.

Powered by :



- **HOPPT® RAM85DZ Diesel Tamping Rammers:** Powered by the robust German-made HATZ®1B20 Air-Cooled Single-Cylinder 4-Stroke Direct Injection Diesel Engine with 4.6hp/3.5kW rated power, certified to EPA Tier 4 Final emission regulations standard to ensure reliability and power that offers exceptional compaction performance with lower fuel-consumption and a longer service-life.



MODEL	RAM85DZ
MACHINE DIMENSION – L x W x H (mm)	735 x 410 x 1,090
OPERATING WEIGHT – (kg)	90
SHOE SIZE – L x W (mm)	335 x 285
STROKE – (mm)	82
IMPACT FORCE – kgf (kN)	1,800 (17.7)
BLOWS PER MINUTE	650-700
COMPACTION DEPTH – (mm)	660
MAXIMUM WORKING SPEED – (m/min)	8-11
COMPACTION AREA – (m <sup>2</sup> /h)	300
FUEL TANK CAPACITY – (litre)	3
ENGINE	HATZ® 1B20 @ 3.5kW (4.6hp) 4-Stroke Diesel (Recoil-Start)

# VIBRATORY REVERSIBLE PLATE COMPACTORS

- HOPPT® Range of Reversible Plate Compactors feature the Dual-Directional Compaction Solutions for job sites with various weight-class and different base-plate sizes to choose from.
- The cast iron base-plate is designed to provide excellent stability during operation, and to ensure smooth forward and reverse motion. They come with engine options for all kinds of work conditions to deliver maximum compaction force and productivity.
- HOPPT® Reversible Plate Compactors have excellent compaction force for backfill footings, foundations, trenches. Also, the compaction of base-material for driveways, side-walks and in confined area.

Powered by :   **HONDA**  
**ENGINES** 

- **HOPPT® CPT400D Reversible Plate Compactor:** Powered by the robust German-made HATZ® 1B40 Air-Cooled Single-Cylinder 4-Stroke Direct Injection Diesel Engine with 9.3hp/7.3kW rated power, certified to EPA Tier 4 Final emission regulations standard to ensure reliability and power - offering exceptional compaction performance with lower fuel-consumption and a longer service-life.



CPT150D, CPT200D and CPT300D - New Dual-Start Engine



Central Lifting Hook for Easy Transportation



Extension Plates are Fitted for Wider Trenches and Could be Removed for Narrower Trenches - Offering Greater Flexibility



CPT400D



Ergonomically-Designed Handle with Low Hand-Arm Vibration (HAV) to Ease the Operators' Efforts



Greater Choice of Starting:

- From Recoil to Electric-Start System
- New *STAINLESS STEEL* Bush for Paint Protection



Durable and Strong Strap to Protect the Equipment During Transportation



Engine Options Available - Diesel or Petrol Engines





CPT150



CPT200

MODEL	CPT150	CPT200
MACHINE DIMENSION – L x W x H (mm)	1,207 x 500 x 1,118	1,239 x 600 x 1,112
<b>OPERATING WEIGHT – (kg)</b>		
DIESEL	155	197
PETROL	138	183
PLATE SIZE – L x W (mm)	650 x 500	700 x 600
CENTRIFUGAL FORCE – kgf (kN)	3,059 (30)	3,059 (30)
VIBRATION FREQUENCY – Hz (vpm)	90 (5,400)	90 (5,400)
COMPACTION AREA – (m <sup>2</sup> /h)	650	759
MAXIMUM GRADEABILITY – (°)	25	30
MAXIMUM WORKING SPEED – (m/min)	22	23
ENGINE OPTIONS	HATZ® 1B20 @ 3.5kW (4.6hp) 4-Stroke Diesel (Recoil & Electric-Start)	HATZ® 1B20 @ 3.5kW (4.6hp) 4-Stroke Diesel (Recoil & Electric-Start)
	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	HONDA® GX270 @ 6.3kW (8.5hp) 4-Stroke Petrol



CPT300



CPT400D



MODEL	CPT300	CPT400D
MACHINE DIMENSION – L x W x H (mm)	1,494 x 640 x 1,218	1,671 x 690 x 1,153
<b>OPERATING WEIGHT – (kg)</b>		
DIESEL	320	395
PETROL	300	-
PLATE SIZE – L x W (mm)	800 x 470 (Extended 800 x 640)	900 x 500 (Extended 900 x 690)
CENTRIFUGAL FORCE – kgf (kN)	4,078 (40)	5,099 (50)
VIBRATION FREQUENCY – Hz (vpm)	70 (4,200)	70 (4,200)
COMPACTION AREA – (m <sup>2</sup> /h)	792	912
MAXIMUM GRADEABILITY – (°)	30	30
MAXIMUM WORKING SPEED – (m/min)	22	26
ENGINE OPTIONS	HATZ® 1B30 @ 5.4kW (7.3hp) 4-Stroke Diesel (Recoil & Electric-Start)	HATZ® 1B40 @ 7.3kW (9.3hp) 4-Stroke Diesel (Recoil & Electric-Start)
	HONDA® GX270 @ 6.3kW (8.5hp) 4-Stroke Petrol	

# VIBRATORY FORWARD PLATE COMPACTORS

HOPPT® Forward Plate Compactors feature a compact yet robust design with low hand-arm vibration handle; and offering choices of compacting force, different plate sizes depending on the application and material to compact for your job needs. Especially designed for use in narrow trenches, interlocking blocks, landscaping, footpath construction and maintenance, small to medium scale patchwork, repair and maintenance of sand, gravel and asphalt in restricted area and along obstacles such as curbs

Powered by : **HONDA**  
**ENGINES** 



- **HOPPT® CPT90PII Forward Plate Compactors** offer engine options to satisfy your job needs. From the durable and reliable ROBIN® to the well-renowned HONDA® 4-stroke petrol engines together with other options, you are spoilt for choice for maximum productivity and power.



Folding-Handle Designed for  
Easy Storage and Transportation



CPT90PII with Foldable Handle

- **HOPPT® CPT90C** designed for the compaction of granular and mixed materials with some cohesive content in confined areas such as parking lots, highway and bridge construction, next to structures, curbs, and abutments.

**Features and Benefits:**

- Straight, centre-mounted guide handle offers superior manoeuvrability and can be lowered within centimetre of the surface to operate plate under obstacles and form work.
- Many lifting points and front lift cage offer easier loading and unloading for operator convenience.
- Compact design, easy to use, cast bottom plate.
- Smooth and flexible.
- Throttle mounted on the operating handle.



MODEL	CPT90C
OPERATING MASS (KG)	92
CENTRIFUGAL FORCE (KN)	14
PLATE WIDTH (MM)	450
ENGINE BRAND	HONDA GX160
POWER HP (kW)	5,5 (4,1)
WATER TANK (L)	13
SPEED (M/MIN)	21
AMPLITUDE (MM)	0,89
FREQUENCY (HZ)	95
SOUND PRESSURE LEVEL dB (A)	91
VIBRATIONS* (M/S²)	2,62
SURFACE CAPACITY (M2/H)	685



MODEL	CPT40P	CPT60W	CPT70W	CPT80P
MACHINE DIMENSION – L x W x H (mm)	855 x 330 x 1,000	970 x 360 x 1,050	970 x 420 x 1,050	980 x 450 x 1,089
OPERATING WEIGHT – (kg)	45	67	74	86
PLATE SIZE – L x W (mm)	420 x 330	510 x 360	510 x 420	520 x 450
VIBRATING FREQUENCY – Hz (vpm)	95 (5,700)	94 (5,640)	94 (5,640)	94 (5,640)
CENTRIFUGAL FORCE – kgf (kN)	640 (6.3)	1,070 (10.5)	1,260 (12.4)	1,480 (14.5)
COMPACTION AREA – (m <sup>2</sup> /h)	300 - 360	550 - 600	580 - 650	580 - 650
COMPACTION DEPTH – (mm)	150	200	300	300
MAXIMUM GRADEABILITY – (°)	20	20	20	20
MAXIMUM WORKING SPEED – (m/min)	25	25	25	25
WATER TANK CAPACITY – (litre)	-	6	12	6
ENGINE OPTIONS	HONDA® GX100 @ 2.1kW (2.8hp) 4-Stroke Petrol	ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol	ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol	ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol
	-	-	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol



MODEL	CPT90PII	CPT80B	CPT90B	RBC90
MACHINE DIMENSION – L x W x H (mm)	1,100 x 500 x 993	860 x 440 x 930	946 x 490 x 989	460 x 460 x 950
OPERATING WEIGHT – (kg)	95	86	96	96
PLATE SIZE – L x W (mm)	590 x 500	490 x 440	490 x 490	460 x 460
VIBRATING FREQUENCY – Hz (vpm)	94 (5,640)	94 (5,640)	98 (5,880)	75 (4,500)
CENTRIFUGAL FORCE – kgf (kN)	1,570 (15.4)	1,530 (15.0)	1,660 (16.3)	1,640(16.0)
COMPACTION AREA – (m <sup>2</sup> /h)	620 - 700	520 - 550	530 - 590	500 - 600
COMPACTION DEPTH – (mm)	350	250	300	-
MAXIMUM GRADEABILITY – ( ° )	20	20	20	20
MAXIMUM WORKING SPEED – (m/min)	25	25	25	22
WATER TANK CAPACITY – (litre)	12	-	-	-
ENGINE OPTIONS	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol

# VIBRATORY PAVEMENT COMPACTORS

HOPPT® Pavement Compactors feature a unique Rubber Roll-Bar system that allows for compaction of floor tiles, pavement bricks in landscaping and in areas that needs special prevention from breakages or damages. With the Rubber Roll-Bar system it allows flexibility for individual change of the roll-bar, therefore, saving cost.

Powered by : **HONDA**  
**ENGINES** 



- **HOPPT® PCPT90P Pavement Compactors** offer engine options powered by the durable and reliable ROBIN® to the renowned HONDA® petrol engines, together with other options, to cater for your job needs with maximum productivity and power.



Durable Heavy-Duty Rubber Roll-Bar System to Lessen Damage to Floor Tiles and Bricks



Protective-Covers with a Smudge-Free Look to Protect and Prolong Life-Span of Belts



Easy Access to Throttle Control Levers



Lifting and Handling Point for Easy Transportation

MODEL	PCPT90P
MACHINE DIMENSION – L x W x H (mm)	1,064 x 669 x 1,091
OPERATING WEIGHT – (kg)	123
SHOE SIZE L x W – (mm)	655 x 620
VIBRATING FREQUENCY – Hz (vpm)	94 (5,640)
CENTRIFUGAL FORCE – kgf (kN)	1,050 (10.3)
COMPACTION AREA – (m <sup>2</sup> /h)	600 - 700
ENGINE OPTIONS	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol
	ROBIN® EX20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol
	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol

PCPT90P



# RIDE-ON POWER TROWELS

Hoppt Riders provide the dependability you can count on in the toughest applications to obtain excellent flat concrete floor finishing results. Hoppt riders are constructed of the highest quality materials and workmanship based on years of power trowel design, manufacturing and sales experience. These ride-on trowels are solid, basic, dependable machines that will perform to your expectations. Desirable design and operation features are standard plus your basic accessories such as blades, pans, trolley for easy movement around the job site are all readily available.

Powered by :  

- The **HRT888-M** is the elite ride-on trowel for the true professional with the big jobs requiring the highest production and the tightest tolerances. The **HRT888-M** is turbo diesel powered and built for large-scale panning and finishing still at an economical price.
  - Twin 46" 5-blade spiders for maximum flat floor production
  - Kubota 44 HP Turbo-charged diesel engine
  - Hydraulic joystick powered steering mechanical blade pitch and final drive
  - Super Heavy-Duty gearboxes
  - Adjustable seat with arm rests

MODEL	HRT888-MP
MACHINE DIMENSION – L x W x H (mm)	2,578 x 1,280 x 1,508
OPERATING WEIGHT – (kg)	657
PANNING PATH WIDTH – (mm)	2,413
ROTOR DIAMETER – (mm)	1,168 (5-Bladed Spider)
MAXIMUM ROTOR SPEED – (rpm)	140
STEERING	Powered Joystick
CRUISE CONTROL	Yes
SAFETY SHUTDOWN SWITCH	Foot-Pedal Controlled
APPLICATION	Finishing and Panning
FUEL/RETARDANT TANK CAPACITY –(litre)	23
BATTERY	12 Volts
ENGINE	KUBOTA® V1505-T @ 33.0kW (44.2hp) TURBO-CHARGED 4-Stroke Liquid-Cooled Diesel





HRT888-MP



High Horse-Power KUBOTA®  
V1505-T for Maximum Power and  
Performance:  
A Naturally-Aspirated Engine  
Complying to EPA Tier 4, EU Stage  
III-A Emission Regulations 3-Cylinder  
Liquid-Cooled Diesel Engine, JAPAN



Heavy-Duty Hydraulic Motors and  
Rotors to Withstand the Weight for  
More Control and Power Mechanism  
for Easy Reach



Generation III Hydraulic Joy  
Stick Power Steering for Smooth  
Manoeuvrability

# RIDE-ON POWER TROWELS

Powered by :  

- **HOPPT® HRT338-M:** Powered by the torque and power of the 2-cylinder air-cooled Vanguard® 35hp petrol engine; and a centrifugal clutch, creating an economical heavy-duty double 1.2m (4 feet) diameter rider with the power needed for panning and the speed for finishing.

Powered by :  

- The smallest **Hoppt HRT168-M Rider** incorporates the same high-quality construction and features found on the larger models. **HRT168-M** is suitable for perfect smaller jobs and tight spots.
  - Twin 36" 4-blade spiders designed to fit on those smaller slabs and tight areas.
  - Honda GX-690 gasoline engine
  - Proven & durable heavy-duty gearboxes and 4-bladed rotors
  - Seated Controlled safety shutdown Switch
  - Retardant tank with powered spray nozzles
  - Hoppt manual dual levers steering
  - 4 work lights (front and rear) and built in cup holder

MODEL	HRT338-M	HRT168-M
MACHINE DIMENSION – L x W x H (mm)	2,575 x 1,283 x 1,510	1,969 x 1,033 x 1,409
OPERATING WEIGHT – (kg)	519	333
PANNING PATH WIDTH – (mm)	2,477	1,808
ROTOR DIAMETER – (mm)	1,168 (5-Bladed Spider)	914 (4-Bladed Spider)
MAXIMUM ROTOR SPEED – (rpm)	145	110 - 135
STEERING	Manual – Dual Levers	Manual – Dual Levers
CRUISE CONTROL	No	No
SAFETY SHUTDOWN SWITCH	Foot-Pedal Controlled	Seat-Controlled
APPLICATION	Finishing and Light-Duty Panning	Finishing and Panning
FUEL/RETARDANT TANK CAPACITY –(litre)	23	23
BATTERY	12 Volts	12 Volts
ENGINE	VANGUARD® 35Hp @ 26.0kW (35hp) Air-Cooled V-Twin 4-Stroke Petrol	HONDA® GX690 @ 16.5kW (22.1hp) Air-Cooled V-Twin 4-Stroke Petrol



HRT338-M



HRT168-M

# WALK-BEHIND POWER TROWELS

HOPPT® wide range of Power Trowels are designed with various options to help concrete professionals for their applications.

Powered by : **HONDA**  
**ENGINES** 



- HOPPT® Power Trowels Gearboxes are precision-engineered to transfer maximum torque to the trowel rotor, for a long trouble-free life. The cast-iron GGG spiders, pressure plates and lift levers provide for longer-lasting life. The bushings, trowel arms and spiders are precision-machined to close tolerance. The high strength steel handle provides maximum comfort and control.
- Dependable Concrete Trowels that you can count on in the toughest conditions. After you float and finish the floor you can then eliminate the laborious hand finishing required along the walls and around any columns. Available in 2 sizes Hoppt has taken a “back to the basics” approach with an edger that is simply designed but built to take the rough handling of a construction job site and equipment rental use. Both models feature heavy-duty gearboxes and rotating rings that allow the edger to glide smoothly along the wall.



TOL100GB Power Trowel



TOL60G Edging Trowel



Full-Folding Handle Design-  
First Developed by HOPPT®



MODEL	TOL60G	TOL75G	TOL90GB
MACHINE DIMENSION – L x W x H (mm)	1,510 x 630 x 993	1,520 x 750 x 990	1,920 x 992 x 1,075
OPERATING WEIGHT – (kg)	56	64	77
GUARD RING DIAMETER – (mm)	630	750	992
HANDLE TYPE	Foldable (Full-Fold)	Foldable (Half-Fold)	Straight
BLADE OPERATING SPEED – (rpm)	85 - 138	85 - 138	50 - 150
MAX. BLADE PITCH ANGLE – (°)	15	15	15
FINISHING BLADE SIZE – L x W (mm)	230 x 120	270 x 120	356 x 151
ENGINE OPTIONS	ROBIN® EX13 @ 3.2kW (4.3hp) 4-Stroke Petrol	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol
	ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol	ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol	ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol
	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol
	HATZ® Diesel Engines Available	HATZ® Diesel Engines Available	HATZ® Diesel Engines Available



MODEL	TOL120GB	TOL992GB
MACHINE DIMENSION – L x W x H (mm)	2,020 x 1,200 x 1,076	1,865 x 1,045 x 992
OPERATING WEIGHT – (kg)	95	70 (183)
GUARD RING DIAMETER – (mm)	1,200	992 (39.0)
HANDLE TYPE	Straight	Straight
BLADE OPERATING SPEED – (rpm)	50 - 150	50 - 150
MAXIMUM BLADE PITCH ANGLE – (°)	15	15
FINISHING BLADE SIZE – L x W (mm)	458 x 151	356 x 151 (14 x 6)
ENGINE OPTIONS	ROBIN® EX27 @ 6.6kW (9.0hp) 4-Stroke Petrol	ROBIN® EX20-3C @ 5.0kW (3.7hp) 4-Stroke Gasoline
	ROBIN® EX27 @ 6.6kW (9.0hp) 4-Stroke Petrol	
	HONDA® GX270 @ 6.3kW (8.5hp) 4-Stroke Petrol	HONDA® GX160 @ 5.5kW (4hp) 4-Stroke Gasoline
	HATZ® Diesel Engines Available	



# CONCRETE VIBRATORS - HAND-HELD PORTABLE CONCRETE VIBRATORS

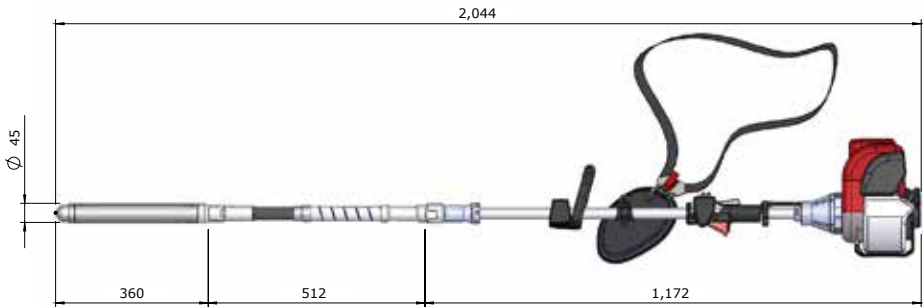
HOPPT® SiteVibe portable concrete vibrators are available in 38 and 45mm sizes with the smaller size being suited to concrete blockwork and EPS forms. The Hoppt SiteVibe comes complete with shoulder harness and padded hip protector. Being powered by a genuine Honda GX35 for reliability and serviceability these units are suitable for the small concreter to the large civil contractor.

## Features and Benefits:

- Genuine Honda GX35
- Shoulder harness & Padded Hip Protector
- High vibrating power
- Long working life
- Wear resistance and reliability
- Easy operations
- Easy maintenance



HOPPT® Hand-Held Portable Concrete Vibrator with Padded Shoulder-Harness



MODEL	PVE38	PVE45
HEAD DIMENSION – DIA (MM)	38	45
VIBRATOR HEAD LENGTH – (MM)	360	360
OPERATING WEIGHT - (KG)	12	12
VIBRATING FREQUENCY – HZ (VPM)	150 (9,000)	150 (9,000)
ENGINE	Honda GX35 @ 1.2kW 4-Stroke Petrol	Honda GX35 @ 1.2kW 4-Stroke Petrol



# CONCRETE SCREEDS

- With **HOPPT® WET SCREED HCS50**, Your Choices Get Better.
- Comes with Choices of 2.4m, 3m, 4m and different customisable lengths and applications.
- Quick-Change of Blades.
- Providing Even-Distribution Across the Whole Blade-Length, Ensuring Integrity of Structure.

Powered by : **HONDA**  
**ENGINES** 



HOPPT® HCS50

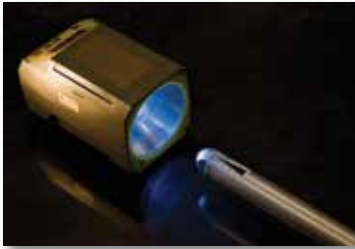
MODEL	HCS50
WEIGHT	18 kg
VIBRATING FREQUENCY	7,000 vpm
FUEL CAPACITY	0.6 litre
FUEL CONSUMPTION	0.6 litre/h
LENGTH X WIDTH	892 mm x 268 mm
BEAM LENGTH	2.4 m, 3 m, 4 m & Different Customised Applications
DRIVE UNIT	HONDA® GX35 @ 1.2kW (1.6hp) 4-Stroke Petrol Engine

# CONCRETE VIBRATORS

HOPPT® VIB38 Range of Concrete Vibrators with flexible shaft are built, using the pendulum principal. The vibration and rotational speed of the vibrator head is properly analysed and synchronised by using a Stroboscope for the correct functioning of the device.

They are designed to work from low, medium to high-slump concrete. Application includes small pours, slabs driveways, stern walls, columns and footings. Offering various diameter sizes of steel vibrator head and flexible hose length to different kinds of coupling; and delivering optimum frequency to cater for different needs in site applications efficiently.

Featuring the Industry's most durable and strongest flexible rubber hose whereby the outer casting is constructed of steel flat wire covered by alternating layers of wire mesh and rubber; you have the **BEST Concrete Vibrator in YOUR HANDS.**



Stroboscope is used to Measure the Vibration Frequency and the Rotational Speed of the Vibrator Head

MODEL	VIB28	VIB38	VIB45	VIB60
HEAD DIMENSION – $\phi$ x L (mm)	28 x 460	38 x 490	45 x 500	60 x 500
OPERATING WEIGHT – (kg)	18	19	20	21
VIBRATING FREQUENCY – Hz (vpm)	163 – 208 (9,800–12,500)	163 – 208 (9,800–12,500)	163 – 208 (9,800–12,500)	163 – 208 (9,800–12,500)
SHAFT REVOLUTION – (rpm)	3,000	3,000	3,000	3,000
FLEXIBLE HOSE/SHAFT LENGTH – (m)	6.0	6.0	6.0	6.0
AMPLITUDE – (mm)	1.1	1.6	2.0	2.4
COUPLING TYPE	HOPPT®/Twin-Claw/Three-Dog	HOPPT®/Twin-Claw/Three-Dog	HOPPT®/Twin-Claw/Three-Dog	HOPPT®/Twin-Claw/Three-Dog
DRIVE UNIT	ENGINE	HONDA® GX160 / ROBIN® EX17 or EY20-3C / HATZ® 1B20		
	ENGINE TYPE	GX160 or EX17 or EY20-3C (4-Stroke Petrol) / 1B20 (4-Stroke Diesel)		
	MAXIMUM POWER OUTPUT - hp (kW)	GX160 @ 4.8 (3.6) / EX17 @ 6.0 (4.2) / EY20-3C @ 5.0 (3.7) / 1B20 @ 4.6 (3.5)		



HOPPT® VIB38 Concrete Vibrator with Standard Turntable Drive Unit



HOPPT® Tumbler-Type Turntable Drive Unit



HOPPT® Premium-Frame Drive Unit

HOPPT® Twin-Claw Coupling



HOPPT® Concrete Vibrators with Various Head Diameter Sizes to Choose from



Three-Dog Coupling for the Australian and Papua New Guinea Markets



HOPPT® Coupling

# SOFT CONCRETE CUTTERS

HOPPT® Soft Concrete Cutter is designed to provide control for random cracking of concrete slabs. The machine allows the saw cut to be done while the concrete is still “green”. The cutter should be used as soon as the concrete can support the weight of the user and machine without leaving any marks or damage to the concrete surface. Usually within one to two hours of finishing and before final setting.

Powered by : **HONDA**  
**ENGINES** 



## Features and Benefits:

- Complete with blade and skid plate
- Folding handle to reduce space during transportation
- Easy access to blade shaft spanners
- Low noise blade housing
- Long working life
- Robust frame construction
- Use **HOPPT® HSCC6.0** to cut at an early stage - within the first one to two hours of finishing and before final setting, before the stresses start to relieve themselves via random cracks.
- Since random-cracking risk is reduced, the working process is shortened.
- Time and cost are saved

MODEL	HSCC6.0	
MACHINE DIMENSION – L x W x H (mm)	1,125 x 490 x 947	
OPERATING WEIGHT – (kg)	35	
MAX CUTTING DEPTH – (mm)	50	
CUTTING WIDTH – (mm)	2.4	
BLADE SIZE – (mm)	150	
ENGINE	ROBIN® EX13 3.2kW (4.3hp)	HONDA® GX120 2.6kW (3.5hp)



HSCC6.0



# CONCRETE CUTTERS

HOPPT® range of Concrete Cutters are engineered for high performance and reliability. From handling small to large jobs that require high production rates; like in airport runways and other applications where productivity is a concern. Whether for cutting old or new concrete and asphalt flooring in parking lots, roadways and driveways; they definitely cater to your application needs with maximum performance and reliability.

Powered by : **HONDA**  
**ENGINES**     

- **HOPPT® HCC20A Concrete Cutter:** Powered by either the ROBIN® EX40 Air-Cooled, 4-Cycle, Single-Cylinder Overhead Cam Petrol engine, the HONDA® GX390 Air-Cooled, 4-Stroke OHV Petrol Engine or HATZ® Air-Cooled 4-Stroke Diesel Engine, you have the best choice in the market. HCC20A comes equipped with a comprehensive console panel with engine throttle, emergency stop control, tachometer and a depth indicator. All models also come with easily accessible control panels.

HOPPT® HCC20A





HCC12



HCC14



HCC16

MODEL	HCC12	HCC14	HCC16
MACHINE DIMENSION – L x W x H (mm)	1,150 x 470 x 1,030	1,160 x 513 x 1,032	1,295 x 565 x 1,080
OPERATING WEIGHT – (kg)	98	111	128
MAXIMUM CUTTING DEPTH – (mm)	100	120	160
BLADE SIZE – (mm)	250 – 300	300 – 350	300 – 450
DEPTH ADJUSTMENT	Handle Rotation	Handle Rotation	Handle Rotation
DRIVE MECHANISM	Manual	Manual	Manual
WATER TANK CAPACITY – (litre)	27	27	37
ENGINE OPTIONS	ROBIN® EX17 @ 4.2kW (6.0hp)	ROBIN® EX27 @ 6.6kW (9.0hp)	ROBIN® EX40 @ 10.3kW (14.0hp)
	4-Stroke Petrol ROBIN® EY20-3C @ 3.7kW (5.0hp)	4-Stroke Petrol ROBIN® EY28C @ 5.5kW (7.5hp)	4-Stroke Petrol HONDA® GX390 @ 8.7kW (11.7hp)
	4-Stroke Petrol HONDA® GX160 @ 3.6kW (4.8hp)	4-Stroke Petrol HONDA® GX270 @ 6.3kW (8.5hp)	4-Stroke Petrol HATZ® 1B40 @ 7.3kW (9.3hp)
	4-Stroke Petrol	4-Stroke Petrol	4-Stroke Diesel



HCC16A



HCC18



HCC16S

MODEL	HCC16A	HCC16S	HCC18
MACHINE DIMENSION – L x W x H (mm)	1,015 x 563 x 958	1,260 X 560 X 970	1,015 x 563 x 958
OPERATING WEIGHT – (kg)	130	128	95
MAXIMUM CUTTING DEPTH – (mm)	150	140 (5.5)	145
BLADE SIZE – (mm)	250 – 400		10
DEPTH ADJUSTMENT	Handle Rotation	300 - 400 (12 - 16)	400 and 450
DRIVE MECHANISM	Manual		46.1
WATER TANK CAPACITY – (litre)	26	38	25
ENGINE OPTIONS	ROBIN® EX40 @ 10.3kW (14.0hp) 4-Stroke Petrol HONDA® GX390 @ 8.7kW (11.7hp) 4-Stroke Petrol YANMAR® L100 @ 7.4kW (10.0hp) 4-Stroke Diesel	ROBIN® EX40 @ 10.3kW (14.0hp) 4-Stroke Petrol HONDA® GX390 @ 8.7kW (11.7hp) 4-Stroke Petrol HATZ® 1B40 @ 7.3kW (9.3hp) 4-Stroke Diesel	HONDA® GX390 @ 9.6kW (13hp) 4-Stroke Petrol





HCC20A



HCC20

MODEL	HCC20	HCC20A
MACHINE DIMENSION – L x W x H (mm)	1,990 x 550 x 1,080	1,557 x 558 x 1,080
OPERATING WEIGHT – (kg)	153	158
MAXIMUM CUTTING DEPTH – (mm)	175	175
BLADE SIZE – (mm)	350 – 500	350 – 500
DEPTH ADJUSTMENT	Handle Rotation	Handle Rotation
DRIVE MECHANISM	Semi-Auto	Manual
WATER TANK CAPACITY – (litre)	45	26
ENGINE OPTIONS	ROBIN® EX40 @ 10.3kW (14.0hp) 4-Stroke Petrol	ROBIN® EX40 @ 10.3kW (14.0hp) 4-Stroke Petrol
	HONDA® GX390 @ 8.7kW (11.7hp) 4-Stroke Petrol	HONDA® GX390 @ 8.7kW (11.7hp) 4-Stroke Petrol
	HATZ® 1B40 @ 7.4kW (10.0hp) 4-Stroke Diesel	HATZ® 1B40 @ 7.4kW (10.0hp) 4-Stroke Diesel

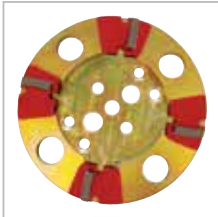
# SURFACE GRINDERS

HOPPT® Surface Grinders are the perfect choices for your grinding needs. From the removals of paint, epoxy, grinding of terrazzo tiles and repairing surface imperfections from epoxy mortars to smoothing of rough, uneven concrete surfaces and many more grinding applications.

HOPPT® Surface Grinders come in Single-Plate and Dual-Plate with choices of petrol engines and electric motors, to select for your job needs.



- HOPPT® HSG-DE Dual-Plate and HSG-SPA Single-Plate Surface Grinders are powered by the reliable ROBIN® and HONDA® petrol engines and you could also choose to have it driven by an electric motor.
- It comes in straight handle for easy handling with several disc choices for your application needs.



10" Grinding Plate and Segment – Ideal for Grinding of Wet or Dry Concrete Surfaces



10" Diamond Grinding Plate – Ideal for Wet or Dry Grinding of Hard, Uneven Surfaces Leaving a Smooth Finish



Grinding Plate and Diamond Segments Welded to a Back Plate to Improve Grinding Speed and Remove Tough Coatings



Grinding Plate and Diamond Segments – Ideal for The Removal of Most Tough Epoxy Coatings

MODEL	HSG-DE	HSG-SPA
MACHINE DIMENSION – L x W x H (mm)	1,172 x 680 x 990	1,096 x 595 x 1,040
OPERATING WEIGHT – (kg)	130	103
WORKING WIDTH – (mm)	552	296
WORKING SPEED – (rpm)	177	360
WORKING CAPABILITY – (m <sup>2</sup> /h)	35-50	20-25
ENGINE OPTIONS	TECO®-AEEF Electric Motor 110/240V @ 2.5kW (3.5hp)	HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Petrol

HSG-DE - Dual-Plate Surface Grinder with Electric Motor



HSG-SPA - Single-Plate Surface Grinder with Petrol Engine



# CUB GRINDERS

The Hoppt Electric floor grinder features an internal safety cut out system to enable engine overload protection and has a removable shroud system to allow grinding as close as possible to a wall or other floor protrusion. It also features a dust extraction port and water connection. Wheels can be extended and the handle can be folded for easy transportation. Level adjustment on rear wheels allow the user to maintain a flat surface.

## Features and Benefits:

- Internal overload protection
- Folding handle to reduce space during transportation
- Level adjustment
- Handle height adjustment
- Water connection
- Dust extraction port

MODEL	HA-FSGSEA
MACHINE DIMENSION – L x W x H (mm)	1260 x 320 x 890
OPERATING WEIGHT – (kg)	47
DISC SIZE (MM)	250
DISC TYPE	Standard 10" Plate or Alpha Shoe
ENGINE RPM	440
ENGINE	AC 220v – 240v, Single Phase, 2.2kw (3hp)



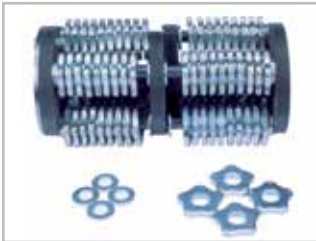
HA-FSG-SEA

# CONCRETE SCARIFIERS

HOPPT® Concrete Scarifiers are designed for the planing and levelling works on concrete surfaces. You are able to select from three engines and electric motor options



- HOPPT® SPM-1 Concrete Scarifier are used for the breaking up of land surface deposits faster and more aggressively than others. With the use of the pummeling action of Tungsten-Carbide Cutters, with either 5-point and 6-point, that rotate at high speed, it is faster to chip away at the concrete surface.
- Select 6-Point Tungsten Carbide Cutters for An Even Better Efficiency.



- Tungsten-Carbide Cutters for Long-Lasting and Fast Milling of Concrete, Asphalt or Coatings (Available in 5 or 6-Point Options)
- 6-Point Tungsten-Carbide Cutters would Mill Faster



**Vacuum Outlet** for the Insertion of Vacuum Hose from Industrial Vacuum Cleaner to Suck Out Debris, Thus Keeping Work Area Clean While Working



Engine Options and Electric Motors for Your Selection

MODEL	SPM-1	SPM-2
MACHINE DIMENSION – L x W x H (mm)	900 x 420 x 1,110	1,465 x 585 x 965
OPERATING WEIGHT – (kg)	66	195
MAXIMUM CUTTING DEPTH – (mm)	3	8
WORKING WIDTH – (mm)	203	290
ENGINE OPTIONS	ROBIN® EX17 @ 4.2kW (6.0hp) 4-Stroke Petrol  ROBIN® EY20-3C @ 3.7kW (5.0hp) 4-Stroke Petrol  HONDA® GX160 @ 3.6kW (4.8hp) 4-Stroke Gasoline	HONDA® GX390 @ 8.7kW (11.7hp) 4-Stroke Gasoline
POWER SOURCE	TECO®-AEEF Electric Motor 110/220V @ 1.5kW (2.0hp)	-



SPM-1



SPM-2

# AIR-POWERED TAMPING RAMMERS

Looking for an alternative power source to operate your rammers? Hoppt provides the solution with our air motor-powered rammers. Perfect for those applications where a spark-operated motor is not desirable and it provides a clean low-maintenance version of one of a construction site's staple pieces of equipment. Requiring only 60 CFM of air the air-powered rammer can operate easily off of your job site air compressor.



- Examples of applications where an air-powered rammer would be desirable:
  - Inside of buildings where engine exhaust will be a problem
  - Down in deep trenches where engine exhaust can accumulate
  - Use in oil refineries and mining where spark-operated equipment may not be desirable
  - Use in place of an electric rammer and not worry about electric cable length or voltage line loss – and much safer!
- To service between uses requires only a quick wash and checking of the rammer bottom oil reservoir – that's it!
- No engine to service which also eliminates many of your typical rammer service issues.

MODEL	RAM50AX	RAM70AX
MACHINE DIMENSION – L x W x H (mm)	733 x 390 x 1,022	770 x 410 x 1,067
OPERATING WEIGHT – (kg)	55	78
SHOE SIZE – L x W (mm)	340 x 275	335 x 285
STROKE – (mm)	70	80
IMPACT FORCE – kgf (kN)	1,000 (10)	1,600 (16)
BLOWS PER MINUTE	600 - 650	630 - 680
COMPACTION AREA – (m <sup>2</sup> / hr)	260	300
POWER TYPE	Air	Air
AIR CONSUMPTION	60 cfm	60 cfm





HOPPT® RAM70AX Air-Powered Tamping Rammers



# AIR-POWERED FORWARD PLATE COMPACTORS

Hoppt announces our air motor-powered vibratory plates. There is an increasing need for alternative power for gasoline and diesel equipment. Gasoline engines emit dangerous fumes that could jeopardize the health of the equipment operator. Hoppt's air motor-powered vibratory plates are perfect for those applications where an internal combustion engine is not desirable and it provides a clean low-maintenance power trowel. There is no regular servicing required of the air motor and requires only 60 CFM of air from your job site air compressor.



- Examples of applications where an air-powered rammer would be desirable:
  - Inside of buildings where engine exhaust will be a problem
  - Use in oil refineries and mining where spark-operated equipment may not be desirable
  - Take advantage of the air compressors on your job and not have to stop and refuel.
- To service between users requires only clean-up and occasional checking of the vibratory eccentric oil reservoir – that's it! The air motor eliminates many of your typical plate service issues.

MODEL	CPT70AX	CPT90AX
MACHINE DIMENSION – L x W x H (mm)	745 x 420 x 1,009	819 x 500 x 1,022
OPERATING WEIGHT – (kg)	73	95
PLATE SIZE – L x W (mm)	520 x 420	590 x 480
VIBRATION FREQUENCY – Hz (vpm)	97 (5,820)	97 (5,820)
CENTRIFUGAL FORCE – kgf (kN)	1,193 (11.7)	1,560 (15.3)
COMPACTION AREA – (m <sup>2</sup> / hr)	582 - 650	620 - 700
MAXIMUM WORKING SPEED – (m/min)	25	25
MAXIMUM GRADEABILITY – (°)	20	20
WATER TANK CAPACITY – (litre)	6	6
POWER TYPE	Air	Air
AIR CONSUMPTION	60 cfm	60 cfm



HOPPT® CPT70AX Air-Powered Forward Plate Compactors



FOLDABLE Wheels for Greater Mobility

# AIR-POWERED CONCRETE VIBRATORS

All our Air-Powered equipment are powered by special air kits and have the same characteristics as the petrol or diesel engines in their respective range.



HOPPT® Air-Powered (Pneumatic) Concrete Vibrators

MODEL	HAV25	HAV35	HAV45	HAV55	HAV65	HAV75
VIB. HEAD DIAMETER – (mm)	28	35	45	55	65	75
VIB. HEAD WEIGHT – (kg)	0.7	1.5	2.8	4.5	7.9	8.9
VIB. HEAD LENGTH – (mm)	254	267	316	344	365	398
AMPLITUDE – (mm)	0.5	0.6	0.6	0.8	0.9	1.2
FREQUENCY – (rpm)	21,000	19,000	18,000	18,000	17,500	16,000
AIR CONSUMPTION – (m <sup>3</sup> /min)	0.36	0.46	0.7	1.8	1.0	1.3
HOSE LENGTH – (m)	4	4	4	4	4	4

Conversion: 1 cfm = 0.028317 m<sup>3</sup>/min

# AIR-POWERED WALK-BEHIND POWER TROWELS



HOPPT® TOL90AX Air-Powered Power Trowels

MODEL	TOL90AX
MACHINE DIMENSION – L x W x H (mm)	1,944 x 992 x 1,120
OPERATING WEIGHT – (kg)	77
GUARD RING DIMENSION – (mm)	992
HANDLE TYPE – (mm)	STRAIGHT
GEARBOX	HEAVY-DUTY
MAXIMUM BLADE PITCH ANGLE – (°)	15
BLADE OPERATING SPEED – (rpm)	50 – 150
POWER TYPE	Air
AIR CONSUMPTION	80 cfm

# BEST SELLERS EQUIPMENT



## SITE UTILITY



## CONCRETING



## COMPACTION



## CUTTERS AND GRINDERS





### **Uni-corp (Singapore) Pte. Ltd.**

20 Ang Mo Kio Industrial Park 2A  
#03-02 AMK Techlink,  
SINGAPORE 567761

Tel +65 6756 7688  
Fax +65 6756 7088  
Email [cesales@uni-corp.com](mailto:cesales@uni-corp.com)  
[www.hoppt.com](http://www.hoppt.com)  
[www.uni-corp.com](http://www.uni-corp.com)

### **PT. Commino Sakti**

Jl. Agung Niaga III, Blok G3  
No. 49, Sunter Agung -  
Jakarta Utara 14350 Indonesia

Tel +62 (21) 6401 210 / 6401 211  
Fax +62 (21) 6400 950  
Mobile +62 816 934 518  
Email [marketing@comminidosakti.com](mailto:marketing@comminidosakti.com)  
[www.comminidosakti.com](http://www.comminidosakti.com)

### **Hoppt Australia Pty. Ltd.**

Unit 2, 12 Progress Circuit  
Prestons, NSW, 2170  
AUSTRALIA

Tel +61 8090 5999  
Fax +61 2 8521 6567  
Email [sales@hoppt.com.au](mailto:sales@hoppt.com.au)  
[www.hoppt.com.au](http://www.hoppt.com.au)

### **JETA Industria E Comercio Ltda.**

R. Dona Matilde, 439, Vila Lalaú  
Jaragua do Sul,  
SC - Brazil, CEP 89256-280

Tel +55 (47) 3084 3119  
Fax +55 (47) 3084 3100  
Mobile +55 (47) 9220 4027  
Email [jeferson@jeta.ind.br](mailto:jeferson@jeta.ind.br)  
[www.jeta.ind.br](http://www.jeta.ind.br)



### **Hoppt (Haimen) Mechanism Manufacture Co., Ltd**

Address: No. 888, Qi Zheng Road  
Qilin Town, Haimen City  
Jiangsu, PRC 226125

Tel +86 513 8270 1555  
Fax +86 513 8270 1588

