

# **HISAKI**<sup>®</sup> CONSTRUCTION EQUIPMENT CATALOGUE

CONCRETE CUTTER | PLATE COMPACTOR | CEMENT PREPARATION | CONCRETE VIBRATOR | POWER TROWEL  
BAR BENDER & BAR CUTTER | SUBMERSIBLE PUMP | TAMPING RAMMER | CONCRETE SCARIFIER



INTRODUCING

## Jinhui Industries Sdn Bhd

Jinhui Industries Sdn Bhd (JHI) is a wholly owned subsidiary of Sin Yuan Enterprise Sdn Bhd, and belongs to the Sin Yuan Group specializing in the distribution of various light industrial, construction, food machinery, agriculture machinery and equipment.

The history of JHI can be traced back to 1976 when the founders of the Company started their business as a small machinery retailer. In line with

the business growth, JHI was set up to manufacture construction equipment that is widely used for infrastructure projects. The Company commenced operation in 1994 and has been accredited for the ISO9001 certification for Quality Management since 2000.

Prior to March 2002, JHI's principal activities comprise the manufacture of light machinery and equipment. Its products were distributed via its related company, Sin Yuan Machinery Sdn Bhd. The Company's main manufacturing products include plate compactor, concrete cutter, power trowel, concrete vibrator, submersible pump, bar bender, bar cutter, portable hoist, concrete manual fed mixer, concrete mini mixer, and generators.

Effective from March 2002, in tandem with the Group's business plans to

streamline its distribution activities, JHI took over the distribution business of construction equipment and pneumatic tools. Hence, other than its own manufactured products, JHI also imports equipment from Japan and Europe for onward distribution in Malaysia.

Currently, JHI has the largest local distribution network in Malaysia for light construction machinery and the main export markets are Middle East, Europe, Africa, South America and Asia. With the company vision of becoming the world-leading manufacturer of quality and value-for-money machineries, the Company has gained strong reputation for product quality and reliability both locally and internationally.



**HISAKI®**

# CONCRETE CUTTER



- The series comprises from MC351 plastic tank cutter to YRC20 steel tank cutter, providing a wide range of products to meet customer needs
- Built in tank and water sprinkler to disperse heat from the cutting blade during operation to prolong diamond blade usage.
- Adjustable handle from ergonomic design and for easy storage.
- Rigid cutter frame and precise blade shaft alignment to ensure perpendicular input cut angle, resist warping and vibration to prolong diamond blade usage.
- Complete with bearing lock and throttle lever.
- The MC660 cutter is designed with self propel system for consistent moving speed.
- Able to fit 660mm (26") diamond blade with a maximum cutting depth of 280mm (11")
- Protection guard with built-in lifting hook protects against the engine from accidental job-site damage.
- Heavy duty rubber wheels made from natural rubber limits body vibration towards cutting surface to prolong diamond blade usage.

# CONCRETE CUTTER

**HISAKI**<sup>®</sup>



## YRC16

Capacity Depth (mm)	<b>70 ~ 120</b>
Blade Size (mm)	<b>305 ~ 406</b>
Arbor Size (mm)	<b>27</b>
Blade Rotation (rpm)	<b>2500 ~ 3600</b>
Power (hp)	<b>9 ~ 13, Gasoline Engine / Diesel Engine</b>
Weight (kg)	<b>125</b>



## YRC20

Capacity Depth (mm)	<b>117~170</b>
Blade Size (mm)	<b>406 ~ 508</b>
Arbor Size (mm)	<b>27</b>
Blade Rotation (rpm)	<b>2500 ~ 3600</b>
Power (hp)	<b>13 ~ 14, Gasoline Engine / Diesel Engine</b>
Weight (kg)	<b>139</b>

Note: Various types of blade are available. Available in 14", 16", 18" and 20".



## MC450

Capacity Depth (mm)	<b>90~160</b>
Blade Size (mm)	<b>356 ~ 457</b>
Arbor Size (mm)	<b>27</b>
Blade Rotation (rpm)	<b>2500 ~ 3600</b>
Power (hp)	<b>9 ~ 13, Gasoline Engine / Diesel Engine</b>
Weight (kg)	<b>135</b>



## MC660

Capacity Depth (mm)	<b>180~280</b>
Blade Size (mm)	<b>508 ~ 660</b>
Arbor Size (mm)	<b>27</b>
Blade Rotation (rpm)	<b>2200 ~ 3600</b>
Power (hp)	<b>20, Gasoline Engine / Diesel Engine</b>
Weight (kg)	<b>188</b>

# CEMENT PREPARATION



## YMM350

- Designed for ergonomical usage and small job sites.
- Mild steel base mixer drum with two welded mixing blades.
- Heavy duty reducer assembly for longer durability.
- Alternate design to be powered by either electric motor or gasoline engines.

Capacity - Unmixed **125 lit (3-1/2 cuft)**

- Mixed **95 lit (2-1/2 cuft)**

Engine **5 hp, 4 Stroke Gasoline**

Electric Motor **1 hp 220V / 50 Hz**



## YM7T

- Heavy duty cast iron drum bottom with mild steel drum upper body and blades for longer durability.
- Large 360° swiveling drum and three detachable mixing blades for excellent mixing results and easy discharge.
- Gear and tilt assembly made from cast iron parts for longer durability.
- Alternate design to be powered by either electric motor, diesel or gasoline engines.

Mixing Drum **Cast iron with mild steel pot and blades**

Capacity Unmixed **10 cu.ft. or 300 litres**

Mixed **7 cu.ft. or 210 litres**



## YPH300

- Heavy duty hoist roller assembly for effective lifting and longer durability.
- Detachable hoist stand for easy storage.
- Thick side plates for rigid frame structure, reducing vibration during lifting.
- Two piece slip resistant fiber log for better lifting grip and longer durability.

Capacity **300lbs**

Wire Rope **6mm x 20mm**

Engine **5hp, 4 stroke Gasoline**

Electric Motor **2 hp 220V / 50 Hz**

# POWER TROWEL

**HISAKI®**



## YPT34 and YPT40

- Handy holder for water bottle or accessories.
- Ergonomic handles offers easily adjustable control.
- Engine safety stop switch located at the top of the shaft.
- Extra long shaft to provide balanced trowel control with fully adjustable handle for operator height compatibility.
- Low profile heavy duty lifting bar.
- Long life gear box developed exclusively and features cooling fins and heavy duty gears, worm drive and bearings.
- Advanced blade drive design provides long life, maintains accuracy and is easy to clean.
- Solidly constructed guard ring protects the operator when trowel is in use.
- Blade access gate allows ample room for easy blade changes and cleaning.

## YPT910

- Complete with 36" combination trowel blade and guard ring.
- Cast iron gearbox to increase durability.
- Heavy-weight design to ensure perfect finish.
- Long shaft to provide excellent balance and great stability.
- Optional accessory : Trowel pan for better finishing

Dimensions (mm) **Height 810, Width 1010**

Trowel Dia. (mm) **910**

Blade Size (mm) **(W) 205 (L) 343 4-Blades**

Trowel Speed (rpm) **50-100**

Engine **Gasoline 5 hp / 3600 rpm**

Weight (kg) **78**

	YPT34	YPT36	YPT40
Dimensions (mm)	<b>Height 980, Width 930</b>	<b>Height 980, Width 980</b>	<b>Height 980, Width 1080</b>
Trowel Dia. (mm)	<b>860</b>	<b>915</b>	<b>1020</b>
Blade Size (mm)	<b>(W) 195 (L) 325 4-Blades</b>	<b>(W) 195 (L) 353 4-Blades</b>	<b>(W) 195 (L) 405 4-Blades</b>
Trowel Speed (rpm)	<b>50-70</b>	<b>50-70</b>	<b>50-70</b>
Engine	<b>Gasoline 5 hp / 3600 rpm</b>	<b>Gasoline 5 hp / 3600 rpm</b>	<b>Gasoline 5 hp / 3600 rpm</b>
Weight (kg)	<b>70</b>		

# PLATE COMPACTOR



- The series comprises from SRP60 single plate base compactor to YP120 box type base compactor, providing a wide range of products to meet customer needs.
- Wear-resistant compaction steel base provides long lasting durability and better compaction finish.
- Durable rotor assembly and clutch pulley assembly saves maintenance cost.
- Heavy duty rubber mountings and rubber absorbers made from natural rubber limits vibration towards handle to better protect engine and operator.
- Strong steel belt cover to protect dirt out of the belt and hingher safety.

## Optional Accessories

- Wheel Transportation** » Detachable trolley wheel assembly available for easy transportation and storage.
- Water tank** » Detachable water tank with integrated sprinkler system allows the operator to adjust the flow of spray water to ease compaction process.
- Protection Guard** » Detachable protection guard protects against the engine from accidental job-site damage.

# PLATE COMPACTOR

**HISAKI**®



## SRP60

Plate Size (mm)	<b>360 x 529</b>
Vibrating Frequency (vpm)	<b>5600</b>
Centrifugal Force (kgf)	<b>1050</b>
Power (hp)	<b>3.5 ~ 5, 4 Stroke Gasoline</b>
Weight (kg)	<b>65</b>



## YP90

Plate Size (mm)	<b>530 x 425</b>
Vibrating Frequency (vpm)	<b>6100</b>
Centrifugal Force (kgf)	<b>1550</b>
Power (hp)	<b>5, 4 Stroke Gasoline</b>
Weight (kg)	<b>80</b>



## SYP90

Plate Size (mm)	<b>610 x 436</b>
Vibrating Frequency (vpm)	<b>6100</b>
Centrifugal Force (kgf)	<b>1600</b>
Power (hp)	<b>5, 4 Stroke Gasoline</b>
Weight (kg)	<b>90</b>



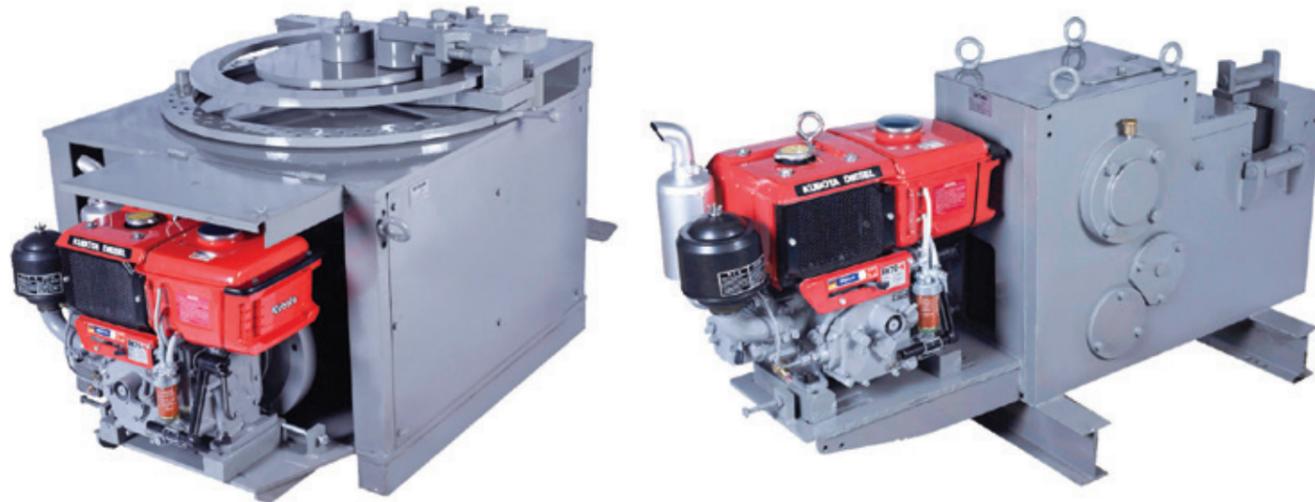
## YP120

Plate Size (mm)	<b>555 x 535</b>
Vibrating Frequency (vpm)	<b>6100</b>
Centrifugal Force (kgf)	<b>2100</b>
Power (hp)	<b>5, 4 Stroke Gasoline</b>
Weight (kg)	<b>110</b>

Note: Custom made machine to couple with Diesel engine is also available.

# BAR BENDER & BAR CUTTER

# SUBMERSIBLE PUMP



## Bar Bender

- High bending capacity of more than 10 times compared to manual bending.
- Simple operation by only feeding bar and pedaling a treadle.
- Bending angle is always constant and accurate by use of fulcrum roller.
- Different sizes fulcrum rollers provided.
- Economical, heavy duty made and simple maintenance.
- Can be powered by electric motor or diesel engine to make operation possible in any construction site.
- The bending of steel bar can be preset and change from 0° to 180° with the limit pin.
- The bending head of the machine can reset gradually and automatically after steel bar is bent.

## Bar Cutter

- Simple operation by only pedaling on a clutch release treadle.
- The cutting blade made of special steel with longer cutting life.
- Excellent cutting performance with less trouble.
- fitted with cast iron wheels making machine movable at the site.
- Can be powered by electric motor or diesel engine to make operation possible in any construction site.

	YBC33	YBB33	HBC42	HBB42
Max. Bar Dia. (mm)	32	32	42	42
Continuous Bar Dia. (mm)	28	28	38	38
Diesel Engine (hp)	5	6	10	12
Dimension L x W x H (mm)	1480 x 875 x 775	1320 x 1030 x 875	1828 x 736 x 838	1549 x 1143 x 939
Weight (kg)	750	860	850	970
Steel Bar Tensile Strength	450 N/mm <sup>2</sup>	450 N/mm <sup>2</sup>	450 N/mm <sup>2</sup>	450 N/mm <sup>2</sup>



	HP80	JHIP2	JHIP3
Diameter (mm)	76	50	76
Max. Capacity	1200/min	500/min	1100/min
Max. Head (m)	17	13	17
Revolution (rpm)	3000~3600	3000~3600	3000~3600
Vibrator Length (m)	4, 5, 6	4, 5, 6	4, 5, 6
Size (mm)	76	50	76
Head Assembly	4 pcs bearing	3 pcs bearing	3 pcs bearing
Oil Seal	4 oil seal	2 oil seal	2 oil seal
Outer Casing Spring	3	-	-
Connector Type	Pin & Horn Coupling	Pin & Horn Coupling	Pin & Horn Coupling

# CONCRETE VIBRATOR

# CONCRETE VIBRATOR

**HISAKI®**



## HK SERIES

- High carbon steel vibrator shaft for longer durability.
- Spanner flats on removable parts makes servicing quick and easy.
- Protective spiral at head end to minimize damage to the vibrator.
- High tension spring coupling design between inner cable and vibrator shaft provides better vibration and longer life.
- Three piece superior quality bearing used to withstand high loadings.

Description	<b>Extra Superior Quality Vibrator</b>
Connector Type	<b>Pin &amp; Horn Coupling</b>
Vibrator Length (m)	<b>4, 5, 6</b>
Size (mm)	<b>28, 32, 38, 45, 60</b>
Head Assembly	<b>3 pcs bearing</b>
Inner Anti Vibrator Spring	<b>3</b>
Outer Casing Spring	<b>3</b>
Extra Section For Spring Assembly	<b>3</b>

## JHI SERIES

- High carbon steel vibrator shaft for longer durability.
- Spanner flats on removable parts makes servicing quick and easy.
- Single piece quality bearing used to withstand loadings.

Description	<b>Economic Vibrator</b>
Connector Type	<b>Pin &amp; Horn Coupling</b>
Vibrator Length (m)	<b>4, 5, 6</b>
Size (mm)	<b>38, 45, 50</b>
Head Assembly	<b>1 pc bearing</b>

## Concrete Vibrator Drive-Unit



Electric Motor



DRTP » Gasoline & Diesel Engine



DU5 » Gasoline & Diesel Engine



DUF » Gasoline & Diesel Engine

## Type of Coupling



HORN Type



PIN Type

# TAMPING RAMMER



## YTR81

- Heavy duty shock absorber to absorb kickback.
- Heavy shock absorber to reduce hard-arm vibration and improve operator's comfort.
- Oil bath lubrication system.
- With yellow bellow.
- Rammer shoe made of steel plate with wooden insert offers economical usage. Steel made fuel tank to prevent easy damaged.
- Protective top frame cover eliminates possible damage to the engine.

Weight (kg)	<b>81</b>
Shoe Size L x W	<b>324 x 300</b>
Vibrating Frequency (vpm)	<b>645 – 695</b>
Vibration Stroke (mm)	<b>50 – 80</b>
Impact Force (kgf)	<b>1680</b>
Engine	<b>Gasoline 5 hp / 3600 rpm</b>
Max. Output (hp/rpm)	<b>4.0/4000</b>

## YTR82

- Strong casting body to increase durability.
- Heavy duty shock absorber to absorb kickback.
- Heavy shock absorber to reduce hard-arm vibration and improve operator's comfort.
- Grease lubrication system.
- Rammer shoe made of steel plate with wooden insert offers economical usage.
- With yellow bellow.
- Steel made fuel tank to prevent easy damaged.
- Protective top frame cover eliminates possible damage to the engine.

Weight (kg)	<b>90</b>
Shoe Size L x W	<b>330 x 300</b>
Vibrating Frequency (vpm)	<b>570 ~ 600</b>
Vibration Stroke (mm)	<b>45 ~ 55</b>
Impact Force (kgf)	<b>1200</b>
Engine	<b>Robin EH12, 4 Stroke</b>
Max. Output (hp/rpm)	<b>4.0/4000</b>

# CONCRETE SCARIFIER

**HISAKI®**



## YCS200

- Machine can be set to a cutting depth and retain this depth after lifting or cornering, just by pulling up a quick lift lever, enabling the operator to resume work quickly and effortlessly.
- Adjustable handle for different operator height and easy storage.
- High carbon steel drive shaft and quality sealed bearings to ensure longer life.
- Accurate cutting depth adjustable with fine-tuning adjustment knob.
- Front mounted lifting handle and engine lifting bar provided for easy and safe handling.
- Anti vibration mounting to ensure operator's comfort.
- Powder coated finish for lasting appearance.
- Dust control outlet to minimize emission of dust particles during operation.
- Controls situated on handle for easy access.

Working Width (mm)	<b>200</b>
Max. Cutting Depth (mm)	<b>3</b>
Dimension L x W x H (mm)	<b>905 x 400 x 1105</b>
Cutter Speed (rpm)	<b>2,600</b>
TCT Cutter Quantity (pc)	<b>76</b>
Washer Quantity (pc)	<b>84</b>



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