

COPAZ

Small & Light-Duty Construction Equipment



COPAZ MACHINERY CO., LTD.

Head & Sales Office. 120-10, Guna-Ro, Wolgot-Myeon, Gimpo City, Gyeonggi-Do, South Korea (Postal Code: 10025)

Tel. +82 31 997 6066, 997-6067 / Fax. +82 31 997 6069

Email. info@copaz.co.kr / copaz.export@gmail.com

Website. www.copaz.co.kr / www.copazco.co.kr

COPAZ

Small & Light-Duty Construction Equipment



Vibrating Roller
Tamping Rammer
Plate Compactor
Power Trowel
Concrete Vibrator



Concrete Cutter
Rebar Cutter
Rebar Bender
Floor Planer
Floor Grinder
Beam Screed



WE ENDLESSLY MAKE AN EFFORT HOW TO MAKE
BETTER CONSTRUCTION MACHINES
FOR ASPHALT & CONCRETE WORK

COPAZ

Small & Light-Duty Construction Equipment

WE ENDLESSLY MAKE AN EFFORT HOW TO MAKE
BETTER CONSTRUCTION EQUIPMENT
FOR ASPHALT & CONCRETE WORK

CONTENTS

01. Vibrating Roller
02. Tamping Rammer
03. Plate Compactor
04. Beam Screed
05. Power Trowel
06. Concrete Vibrator
07. Concrete & Asphalt Cutter
08. Rebar Cutter
09. Rebar Bender
10. Floor Grinder
11. Floor Planer

COMPANY INFORMATION

COPAZ MACHINERY CO., LTD. engages in manufacturing various light construction equipment in South Korea such as vibrating roller, tamping rammer, plate compactor, power trowel, concrete vibrator, concrete & asphalt cutter and etc. It also can be available to produce some new products according to supply of drawings and samples with years of experience and technical capacity, and a perfect management system.

Our products have been exporting over the world and win a good reputation and credibility in domestic and overseas countries. In order to catch up with the development of the international market, we keep on strengthening our competitive ability and our quality management system.

To be honesty, credibility and assuring quality is the basic principle we insist on. Your requirement and comment is the power to push us to progress and develop on the service.

Management Philosophy

Technology Development

We strive to challenge infinite possibilities with spirit of ceaseless technology development and move forward to become a leading company contributing to our customers and national interests with technology recognized to have world's top competitive power.

Best Quality

Technology development and strategy for product differentiation through superb quality are the growth products of Copaz Equipment. We do our best to supply our customers with the best products superior to imported goods in the quality and price in the age of limitless competition.

Customer Impression

We put top priority on the customer's competitiveness and interest, carefully listen to the voices from small customers and realize the best technology service and customer value based management in reward for the trust of customers extended to us.

Quality Assurance _ Quality Control

>> Quality Management Activities

Quality Control of Step1

1. Checking country of origin
2. Checking test reports for each of material.
3. Checking physical inspection of production.
4. Accuracy inspection with measuring instruments.

Quality Control of Step2

1. Checking test report for each of parts.
2. Physical inspection of parts
3. Accuracy inspection with measuring instruments.
 - Quality of production.
 - Quality of plating.
 - Quality of heat-treatment.
 - Quality of polishing.
 - Quality of painting.

Final Quality Control

1. Physical inspection of assembly in all product.
2. Accuracy inspection with check list.
3. Field testing in random
4. Issuing warranty card.
5. Packing.

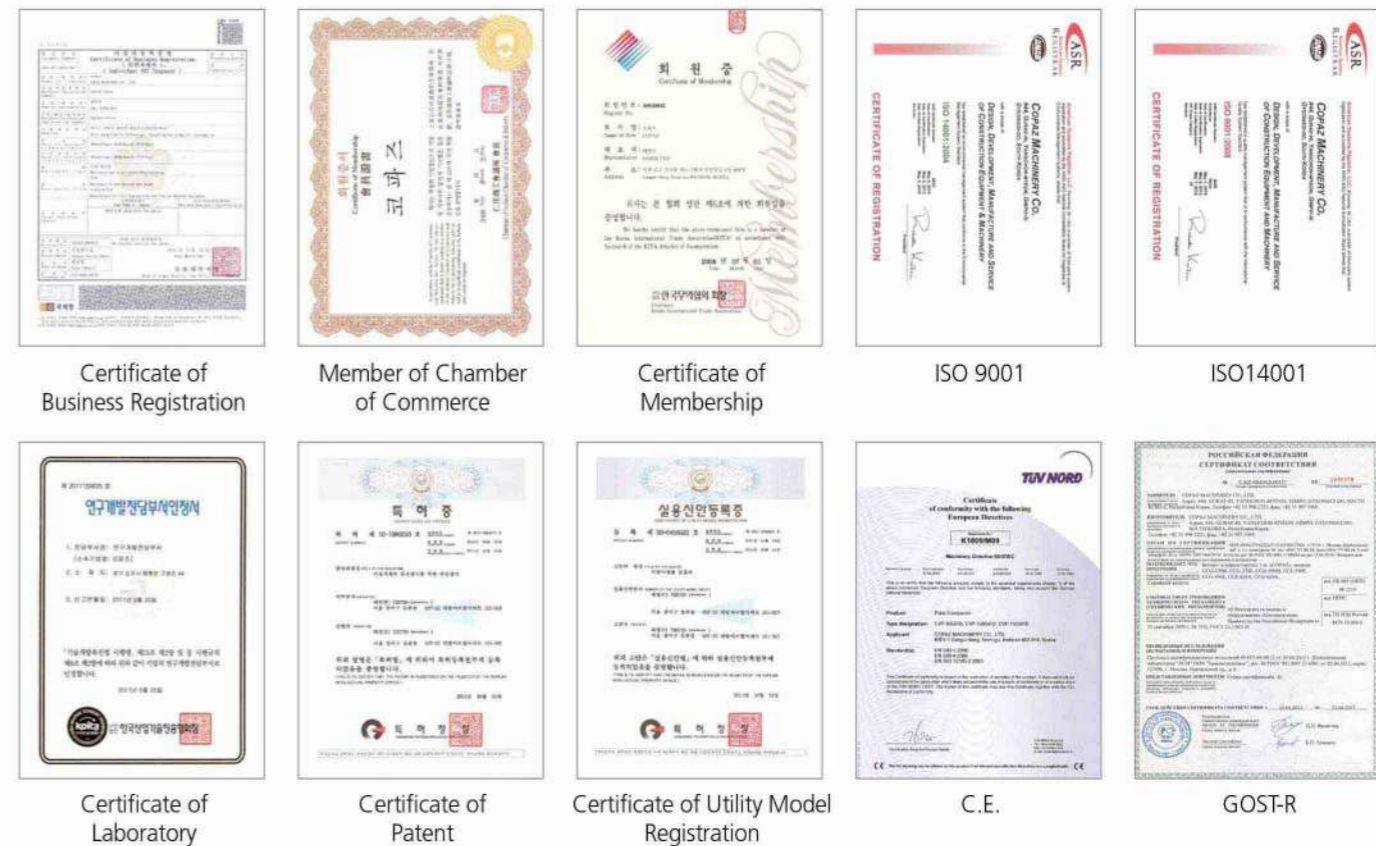
Securing High Quality Materials

1. **Engine** - Honda, Robin, Kuboda Yanmar engine from Japan, Kohler engine from Italy
2. **Hydraulic device** - Hydraulic pump & motor from Italy.
3. **Bearing** - NSK, NTN, NACHI from Japan KBC, FAG from Korea
4. **Oil seal & O ring** NOK from Japan

ORGANIZATION



CERTIFICATES



DIESEL ENGINE TYPE VIBRATING ROLLER

CVR1200X42 / CVR1200E42 / CVR1000E38 / CVR800E32 / CVR650E28

CVR-series is small-size double drum walk-behind vibrating rollers. They are applied to compacting and maintaining various roads, Express way shoulder, side walk, parking area, sports ground lawn, especially suited for compaction of narrow areas, such as pipeline channel and drainage trench and etc. Mechanical all-drum travel drives with greater grade-ability.

Features

- The CVR-series is a double drum soil & asphalt compactor with small machine features and reliable performance
- This machine has been designed to be highly versatile with minimum maintenance, fitting a wider range of utility-sized applications confronting contractors
- The CVR-series is very strong compacting and good durability
- Its excellent maneuverability makes it the right choice for confined areas

Vibrating road roller is mainly made up of engine part, hydraulic device part, frame part, vibration part.

- Type of vibrating Roller is "Pedestrian Double Drum Vibrating Roller"
- The engine is installed on upper frame. Between the engine and the upper frame is installed a shock absorber to block vibration from pendulum of vibrating roller. This makes it well adjustable to work requirements, economical and reliable
- High-pressure Axial piston pump and motor in the hydraulic vibrating system allows it strong resistance to pollution

Applications

- CVR-SERIES Vibrating rollers are ideal for these applications :
Compacting back fill along and beneath foundations and in utility trenches
- Compacting interlocking brick and decorative stone
- Hot mix asphalt jobs such as driveway paving and pothole repair
- Gravel driveway and walkway compaction
- Landscape and structural granular soil compaction



Hydraulic piston pump



High density hydraulic oil filter

Product Views



DIESEL ENGINE TYPE VIBRATING ROLLER

CVR1200X42 / CVR1200E42 / CVR1000E38 / CVR800E32 / CVR650E28



CVR1200E42
(OPTION : CVR1200X42)

CVR1000E38

CVR800E32

CVR650E28

- Durable vibrating system with supply of oil lubrication
- Italian hydraulic piston pump & motor equipped
- 4-cycle air-cooled diesel engine equipped
- Japanese bearing & oil seal equipped
- Electric starter & recoil starter
- Dead man handle / push stop
- Reinforced durable frame

Use

- Pipeline backfill construction
- Repair for asphalt construction
- Compacting sand, soil, gravel and asphalt paving



L100N (10.0HP) KD440 (10.0HP) 1B40 (10.2HP)

Specifications

MODEL	UNIT	CVR1200X42	CVR1200E42	CVR1000E38	CVR800E32	CVR650E28
OPERATION WEIGHT	Kg/lb	1,280 / 2,822	1,200 / 2,643	1,000 / 2,202	800 / 1,763	650 / 1,431
DIMENSION	mm	850×2700×1,170	800×2700×1,170	800×2700×1,170	750×2700×1,170	750×2700×1,170
(W)×(L)×(H)	inch	33.5×106.2×46.0	31.5×106.2×46.0	31.5×106.2×46.0	29.5×106.2×46.0	29.5×106.2×46.0
ENGINE	Hp/Kw	10.2 / 7.65 AIR-COOLED 4CYCLE DIESEL ENGINE			10.0 / 7.50 AIR-COOLED 4CYCLE DIESEL ENGINE	
FUEL		DIESEL			DIESEL	
STARTING METHOD		RECOIL & ELECTRIC (KEY) STARTER			RECOIL & ELECTRIC (KEY) STARTER	
DRIVE/TRANSMISSION		FULL HYDROSTATIC DRIVEN WITH CHAIN SYSTEM (OPTION: FULL HYDROSTATIC SYSTEM)				
DIAMETER OF DRUM	mm/inch	406 / 16.0	406 / 16.0	406 / 16.0	406 / 16.0	406 / 16.0
LENGTH OF DRUM	mm/inch	750 / 29.5	700 / 27.5	700 / 27.5	650 / 25.6	650 / 25.6
WATER TANK	l/gal	51 / 13.5	42 / 11.1	42 / 11.1	33 / 8.72	33 / 8.72
VIBRATION FREQUENCY	VPM/RPM	75(4500)	75-100(5100)	75-100(5100)	75-100(5100)	75-100(5100)
CENTRIFUGAL FORCE	KN/Kgf	42.5 / 4,333.7	42.5 / 4,333.7	38.8 / 3,956.4	32.7 / 3334.7	28.2 / 2,875.7
SPEED RANGE	Km(Mile)/Hr	3.5(2.174)	3.5(2.174)	3.5(2.174)	3.5(2.174)	3.5(2.174)
GRADE-ABILITY	%	33	35	35	35	35

VIBRATING ROLLER

Drum width of 900mm it's primarily used for small-scale compaction work such as pavement cycle paths, small roads and small parking areas. The large diameter drum and drive motors connected in series contributes to its excellent accessibility and hill-climbing capacity. Propulsion and vibration come as standard on both drums.

Designed for compacting base and finishing layers of asphalt as well as granular sub-base material in confined areas. Ideal for parking lots, driveways and shoulder work.



Kubota



Ergonomic seat



Lubrication point on each cylinder and Poclairn drive motors



Pivot articulation with grease point



Ergonomic steering wheel

Kubota engine with linear assembly to allow access and maintenance from both sides of the engine.



Roller features support transport rail



Lockable hood

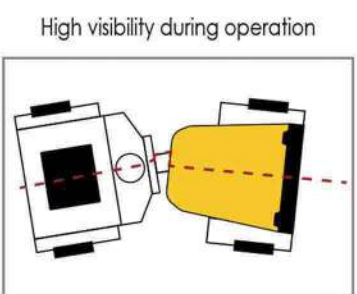


Fibreglass hood

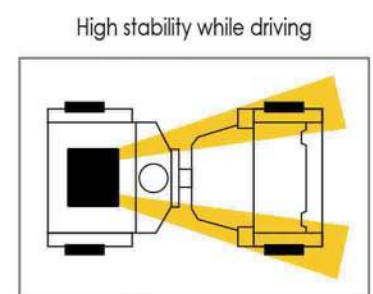


VIBRATING ROLLER

CVR020DD



The shape of the roller provides high visibility around the edges of the rollers during operation.



Operator security and comfort with PACLITE designed oscillating pivot steering on uneven surfaces or while turning.

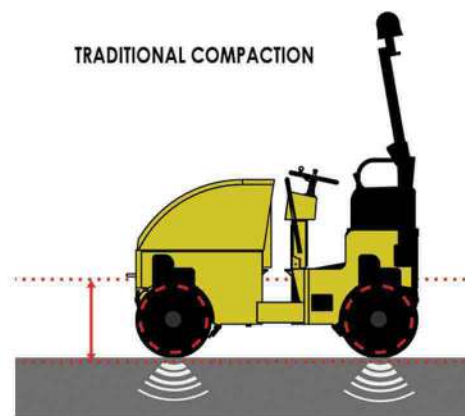
FEATURES AND BENEFITS

- Three position function vibrator switch. double drum vibration with possibility switch off rear drum and front drum only vibration. Work lights front and rear, variable hydrostatic steering forward and reverse. Pressurized sprinkler system.
- Lights on both drive sides of the machine.
- Self-cleaning drum for good traction and better surface finish with 2 scrapers.
- Large-size water tank for extended use and reduced refill stops, easy cleaning access.
- Self-draining sprinkler tubes and nozzles.
- Long service intervals together with comfort.
- Dual forward/reverse levers for total operator comfort.
- Scrapers on each cylinder, maintained and flooding spring.
- Fuel level gauge.
- Emergency stop.
- Back-up alarm.
- Central lifting point.
- Vandal-proof protection.
- Engine cover lock.
- Max. m/min 183.
- Crossing slope with vibrations 32%
- Slippery slope without vibrations 42%.

Specifications

Model No.		CVR020DD		
Operating Weight	Kg	1890	Brand of Engine	KUBOTA
Dimensions (W×L×H)	mm	980×2095×2560	Model of Engine	D1105-E4B T4f
Centrifugal Force	KN	30	Engine type	Water cooled vertical
Vibration Frequency	Hz	75-80	Fuel type	Diesel
Travel Speed w/ or w/o vibration	Km/Hr	0-11.0	Number of cylinder	3
Max. gradeability w/ or w/o vibration	%	32-42%	Emission regulation	Tier 4
Static linear load front / rear drum	Kg/cm	8.3 / 9.4	Engine power Hp/Kw	25 / 18.5
Diameter & Thickness of Drum	mm	560 / 13.7	Brand of Hydraulic system	POCLAIN + (M+S)
Length of Drum	mm	900	Engine Starting System	(Key) Electric start
Wheelbase	mm	1535	Battery System (V)	12
Oil Tank Capacity	L	35	Service Brake	Dynamic hydrostatic through propulsion system
Water Tank Capacity	L	110	Parking Brake	Spring-applied hydraulically released (SAHR) on each drum drive
Amplitude	mm	0.60	Steering System	Power steering system
Vibraton Drum		Front + Rear	Water supply system	Electric diaphragm pump, Filters 100 mesh, self-adjusting wipers
Drive system	PS	Hydraulic	Hydraulic system	Closed-loop, hydraulic static, Parallel circuit, axial & radial piston pump
Feul Tank	L	30	Origin of manufacture	Republic of Korea.

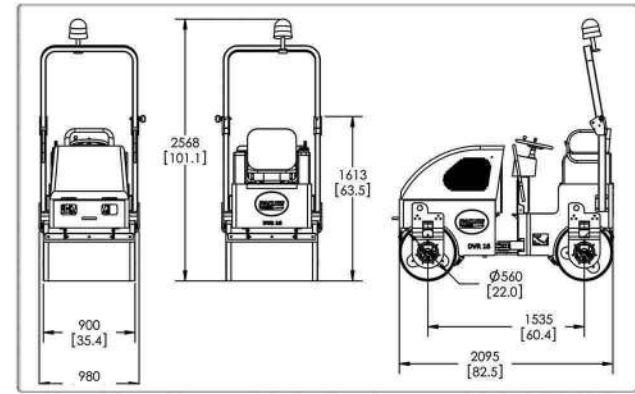
TRADITIONAL COMPACTION



VIBRATING BOTH DRUM
The specially designed vibrating cylinder oscillate the material to be compacted optimally by vertical forces in rapid succession. Intergrated unbalance eccentric provides high frequency and exceptional compaction quality.



Rotating warning light and serial ROPS protection



* Specifications are subject to change without any notice for futher quality improvement.

GASOLINE ENGINE TYPE
TAMPING RAMMER

CTR80E / CTR70E / CTR60E

Copaz tamping rammer series is a perfect solution to the trends of preference in construction market and the requirements of lower emission & consumption and higher power. Their reliable performance makes them a priority choice when effective compaction of cohesive, mixed or granular type soil is needed on a narrow work area.

- Features**
- Gasoline engine makes the fuel supply more convenient at any construction jobsite
 - Honda gasoline engine is with low fuel consumption and also ensures a longer life and easier maintenance
 - Thicker jumping spring and reliable engine provide much stronger impact force
 - Concise structure offers easier maintenance and accessibility
 - Ingenious throttle lever for smooth operation
 - Heavy shock mount system reduces hand-arm vibration and improves operator comfort
 - Durable plastic oil tank with big capacity offers longer life and rust-free
 - Laminated wood and steel shoe absorbs and withstand vibration shock
 - Perfectly balanced while delivering ideal compaction with controlled jumping motions without affecting the impact force
 - Manufactured polyurethane ribbed bellow for long life

Applications
Tamping rammer are ideal for these applications : Compacting back fill along and beneath foundations and in utility trenches

- Options**
- Engine (Diesel air-cooled 4cycle engine)
 - Anti-Vibration handle with padded grip
 - Counter-weight
 - Streamlined safety engine guard
 - Adjustable Height of handle
 - Tool kit for emergency repair

Product Views



GASOLINE ENGINE TYPE
TAMPING RAMMER

CTR80E / CTR70E / CTR60E



- Use**
- Pipeline backfill construction
 - Repair for asphalt construction
 - Compacting the sand, soil, gravel



- Use**
- Asphalt road construction
 - Pipeline backfill construction
 - Repair for asphalt construction
 - Compacting the sand, soil, gravel



- Use**
- Asphalt road construction
 - Pipeline backfill construction
 - Repair for asphalt construction
 - Compacting the sand, soil, gravel

Available Engine



Specifications

MODEL		CTR80E	CTR70E	CTR60E
OPERATING WEIGHT	kg / lb	80 / 176	70 / 154	63 / 138
DIMENSION (W) x (L) x (H)	mm / inch	360x690x1090 / 14.1x27.1x42.9	360x690x1090 / 14.1x27.1x42.9	360x690x1090 / 14.1x27.1x42.9
PLATE SIZE	mm / inch	280x335 / 11.0x13.1	250x335 / 9.8x13.1	250x335 / 9.8x13.1
JUMPING STROKE	mm	30~62	39~59	26~43
IMPACT FORCE	min	24~43	20~36	16~28
VIBRATION FREQUENCY	Hz / vpm	11.2 / 672	11.2 / 672	11.2 / 672
TRAVEL SPEED	min	10	10	10
ENGINE				
BRAND		HONDA	HONDA	HONDA
MODEL		GX100 (P/T)	GX100 (P/T)	GX100 (P/T)
TYPE		AIR-COOLED 4-CYCLE ENGINE	AIR-COOLED 4-CYCLE ENGINE	AIR-COOLED 4-CYCLE ENGINE
FUEL		GASOLINE	GASOLINE	GASOLINE
OUTPUT	hp / kw	2.3 / 1.725	2.3 / 1.725	2.3 / 1.725
SPEED	rpm	3750	3750	3750
TANK CAPACITY	l / gal	2.7 / 0.71	2.7 / 0.71	2.7 / 0.71
WEIGHT	kg / lb	10.6 / 23.36	10.6 / 23.36	10.6 / 23.36

GASOLINE FORWARD PLATE COMPACTOR

CVP160G / CVP120G / CVP100G / CVP80G / CVP60G

CVP-SERIES single forward vibratory plate compactors can effectively and efficiently compact granular soils, crushed aggregates, and hot mix asphalt in open jobsites of all sizes.



Features

- Reliable 4-cycle air-cooled engines with recoil starter
- Fully comfortable anti-vibration handle with padded grips
- Standard water kit allows easier compaction of hot mix asphalt and dusty area
- Heavy-duty shock mounting reduce high-vibration to the working engine and handle
- Open type of plate compactor provides the ventilation, easy cleaning and maintenance
- High centrifugal force is most suitable for powerful compaction and performance
- High-vibration frequency brings better result of compaction
- Lifting hook allows in ditch work safely and easily
- Steel belt safety covers for prevention of sand and soil
- Built-in wheel for easy transportation
- Streamlined base plate for easy access to corner

Applications

- Plate compactors are ideal for these applications : Compacting back fill along and beneath foundations and in utility trenches
- Compacting interlocking brick and decorative stone
- Hot mix asphalt jobs such as driveway paving and pothole repair
- Gravel driveway and walkway compaction
- Landscape and structural granular soil compaction

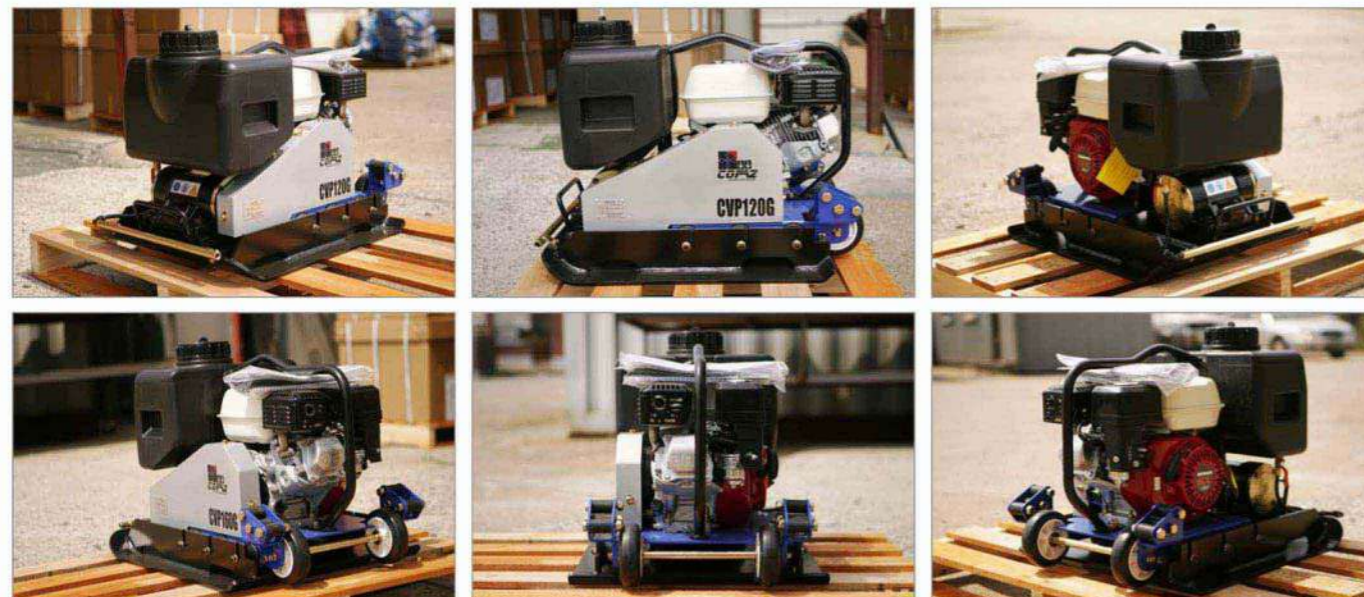
Use

- Asphalt road construction
- Pipeline backfill construction
- Repair for asphalt construction
- Compacting the sand, soil, gravel

Options

- Streamlined safety engine guard
- Height of handle
- Water tank
- Tool kit for emergency repair
- Anti-Vibration handle with padded grip
- Plastic belt cover
- Urethane mat

Product Views



OPEN TYPE GASOLINE PLATE COMPACTOR

CVP160G / CVP120G / CVP100G / CVP80G / CVP60G

CVP-60G

Base plate: 375(W)x516(L)mm

CVP-80G

Base plate: 405(W)x516(L)mm

CCV-100G

Base plate: 450(W)x550(L)mm

CVP-120G

Base plate: 500(W)x550(L)mm

CCV-160G

Base plate: 530(W)x600(L)mm



Advantage

- Open type of plate compactor provide ventilation, easy cleaning and maintenance.
- Gasoline plate compactor is most suitable for powerful compaction in all construction area.
- Heavy duty shock-absorber isolate engine and handle from strong vibration of base plate.
- Essentric shaft make best quality of compaction with strong vibration in short time.

Use

- Compacting soil, gravel, sand and aphalt.

Option

- Engine (Gasoline, Diesel)

Available Engine



Specifications

MODEL		CVP160G	CVP120G	CVP100G	CVP80G	CVP-60G
OPERATING WEIGHT (if full charged)	kg / lb	158 / 348	118 / 260	98 / 216	82 / 180	67 / 147
DIMENSION (W) x (L) x (H)	mm / inch	530x815x999 20.8x32.0x39.3	500x815x999 19.6x32.0x39.3	450x815x999 17.7x32.0x39.3	405x815x999 15.9x32.0x39.3	375x815x999 14.7x32.0x39.3
PLATE SIZE	mm / inch	530x600 / 20.8x23.6	500x550 / 17.7x21.6	450x550 / 17.7x21.6	405x516 / 15.9x20.3	375x516 / 14.7x20.3
CENTRIFUGAL FORCE	KN / kgf	23.8	21.5	15.6	14	11.1
VIBRATION FREQUENCY	VPM	6,000	6,000	6,000	6,000	6,000
TRAVEL SPEED	m(ft) / min	22 / 82	22 / 82	25 / 82	25 / 82	25 / 82
COMPACTED AREA	m ² / hr	820	750	700	610	560
ENGINE		HONDA			ROBIN	
BRAND		GX160			EX17	
MODEL		GX160			EX17	
TYPE		AIR-COOLED 4-CYCLE			AIR-COOLED 4-CYCLE	
FUEL		GASOLINE			GASOLINE	
OUTPUT	hp / kw	5.5 / 4.125			6.0 / 4.5	
SPEED	RPM	3,600			3,600	
TANK CAPACITY	l / gal	3.6 / 0.95			3.6 / 0.95	
WEIGHT	kg / lb	15 / 33			15 / 33	

DIESEL FORWARD PLATE COMPACTOR

CVP160D / CVP120D / CVP100D (OPEN TYPE)
CVP120CD / CVP90CD (CLOSE TYPE)

CVP-SERIES single forward vibratory plate compactors can effectively and efficiently compact granular soils, crushed aggregates, and hot mix asphalt in open jobsites of all sizes.

Features

- Reliable and powerful 4cycle air-cooled diesel engine with recoil starter
- Fully comfortable anti-vibration handle with padded grips
- Standard water kit allows easier compaction of hot mix asphalt and dusty area
- Heavy-duty shock mounting reduce high-vibration to the working engine and handle
- Open type of plate compactor provides the ventilation, easy cleaning and maintenance
- High centrifugal force is most suitable for powerful compaction and performance
- High-vibration frequency brings better result of compaction
- Lifting hook allows in ditch work safely and easily
- Steel belt safety covers for prevention of sand and soil
- Built-in wheel for easy transportation
- Streamlined base plate for easy access to corner

Applications

- Plate compactors are ideal for these applications : Compacting back fill along and beneath foundations and in utility trenches
- Compacting interlocking brick and decorative stone
- Hot mix asphalt jobs such as driveway paving and pothole repair
- Gravel driveway and walkway compaction
- Landscape and structural granular soil compaction

Use

- Asphalt road construction
- Pipeline backfill construction
- Repair for asphalt construction
- Compacting the sand, soil, gravel

Options

- Streamlined safety engine guard
- Height of handle
- Water tank
- Tool kit for emergency repair



OPEN TYPE DIESEL PLATE COMPACTOR

CVP160D / CVP120D / CVP100D



Advantage

- Open type of plate compactor provide ventilation, easy cleaning and maintenance.
- Diesel plate compactor is most suitable for powerful compaction in oil drilling area.
- Heavy duty shock-absorber isolate engine and handle from strong vibration of base plate.
- Essentric shaft make best quality of compaction with strong vibration in short time.

Use

- Compacting soil, gravel, sand and aphalt.

Option

- Engine (Gasoline, Diesel)

Specifications

Available engine



KD225(4.8HP) 1B20 (4.6HP)

MODEL		CVP100D	CVP120D	CVP160D
PLATE COMPACTOR				
OPERATING WEIGHT	kg / lb	112 / 246	132 / 290	163 / 359
DIMENSION (W) x (L) x (H)	mm / inch	470x865x1170 / 18.5x34.0x46.0	500x865x1170 / 19.6x34.0x46.0	530x865x1170 / 20.8x34.0x46.0
PLATE SIZE	mm / inch	470x648.5 / 18.5x25.5	500x648.5 / 19.6x25.5	530x648.5 / 20.8x25.5
CENTRIFUGAL FORCE	KN / kgf	19.3 / 1,968	21.1 / 2,151	23.5 / 2,396
VIBRATION FREQUENCY	VPM	6,000	6,000	6,000
TRAVEL SPEED	m(ft) / min	25 / 55	22 / 48.4	22 / 48.4
COMPACTED AREA	m ² / hr	740	790	860
ENGINE				
BRAND		HATZ		KOHLER
MODEL		1B20		KD225
TYPE		AIR-COOLED 4-CYCLE ENGINE		AIR-COOLED 4-CYCLE ENGINE
FUEL		DIESEL		DIESEL
OUTPUT	hp / kw	4.6 / 3.5		4.8 / 3.6
SPEED	RPM	3600		3600
TANK CAPACITY	l / gal	3.0 / 0.79		3.0 / 0.79
WEIGHT	kg / lb	28 / 61.7		28 / 61.7

Product Views



CLCSED TYPE PLATE COMPACTOR

CVP90CG / CVP120CG (GASOLINE ENGINE TYPE)
CVP90CD / CVP120CD (DIESEL ENGINE TYPE)



[CVP90CG]
[CVP120CG]

[CVP90CD]
[CVP120CD]

Advantag

- Closed type of plate compactor prevent sand or soil entering into the machines.
- High centrifugal force most suitable for powerful compaction and performance.
- Heavy-duty shock-absorber reduce vibration to engine and handle

Use

- Compacting soil, gravel, sand and asphalt

Option

- Engine (Gasoline, Diesel)

Specifications

MODEL		CVP-90CG	CVP-120CG	CVP90CD	CVP120CD
PLATE COMPACTOR					
OPERATING WEIGHT	kg / lb	88 / 19	120 / 264	103 / 226	133 / 292
DIMENSION (W) x (L) x (H)	mm / inch	415x1,074x872 16.3x42.3x34.3	500x915x985 19.6x36.0x38.7	415x1,074x872 16.3x42.3x34.3	500x915x985 19.6x36.0x38.7
PLATE SIZE	mm / inch	415x545 / 16.3x21.4	500x600 / 19.6x23.6	415x545 / 16.3x21.4	500x600 / 19.6x23.6
CENTRIFUGAL FORCE	KN / kgf	17.7	23.5	17.7	23.5
VIBRATION FREQUENCY	VPM	6,000	6,000	6,000	6,000
TRAVEL SPEED	m(ft) / min	25 / 82	25 / 82	23 / 75	23 / 75
COMPACTED AREA	m ² (ft ²) / hr	625	750	687	825
ENGINE					
BRAND		HONDA	ROBIN	HATZ	KOHLER
MODEL		GX160	EX17	1B20	KD225
TYPE		AIR COOLED 4-CYCLE		AIR COOLED 4-CYCLE	
FUEL		GASOLINE		DIESEL	
OUTPUT	hp / kw	5.5 / 4.125	6.0 / 4.5	4.6 / 3.5	4.8 / 3.6
SPEED	RPM	3,600	3,600	3,600	3,600
TANK CAPACITY	l / gal	3.6 / 0.95	3.6 / 0.95	3.0 / 0.79	3.0 / 0.79
WEIGHT	kg / lb	15 / 33	15 / 33	28 / 61.7	28 / 61.7

Available engine



GX160 (5.5HP)

EX17 (6.0HP)

KD225(4.8HP)

1B20(4.6HP)

ENGINE TYPE

BEAM SCREED

CSS-1 & CSS-3

Screed powered by 2 or 4 cycle gasoline engine, provides uniform vibration over the entire screed-bar length and enhances compaction, makes it possible to level up to 4 times more concrete than the traditional method, an it more accurately.

Features

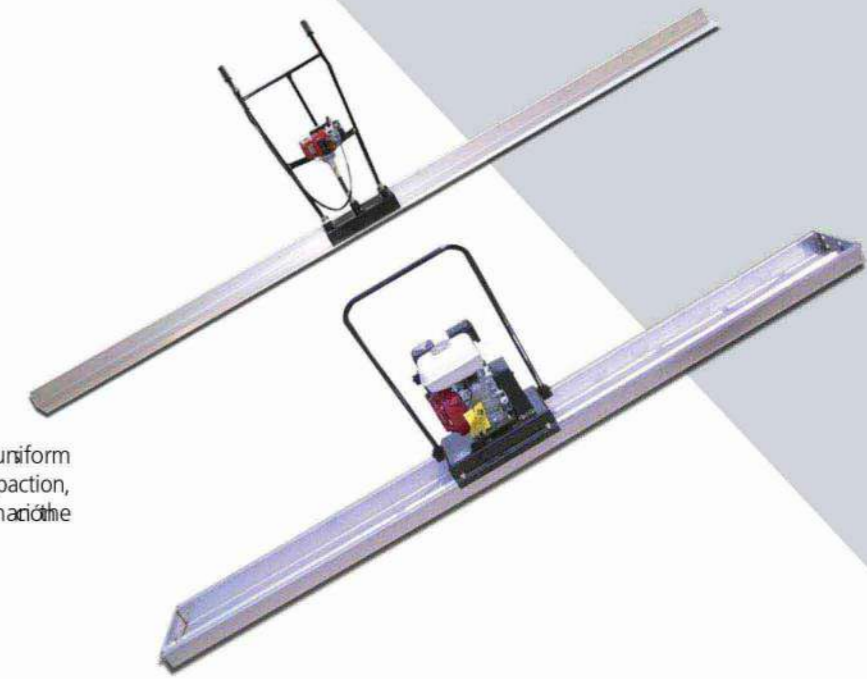
- Specially design, hardened aluminum screed-bar ensuring a smoother finish than conventional screeds
- Heavy rubber mounts to reduce the vibration level on the handle
- Adjustable handle in height, vertical and horizontal position
- Light weight for operation easily and safely
- The screed bar can make it easy to go around obstacles
- The tilt-up stand keeps the engine out of concrete or off the ground when not in use

Use

Finishing work for concrete floor & load in job site of any size

Specifications

MODEL		CCS-1	CCS-3	
WEIGHT	Kg / lb	21 / 46	90 / 198	
DIMENSION (W) x (L) x (H)	mm / inch	770 x 900 x 1,000 / 30.3 x 35.4 x 39.3	375 x 6,000 x 899 / 14.7 x 236.2 x 35.3	
LENGTH OF BEAM	m / inch	1.0 ~ 3.0 / 39.3 ~ 118.1	3.0 ~ 6.0 / 118.1 ~ 236.2	
DRIVE METHOD		FLEXIBLE SHAFT	BELT	
VIBRATION FREQUENCY	VPM	7,000	3,600	
ENGINE				
BRAND		HONDA	HONDA	ROBIN
MODEL		GX35	GX160	EX17
TYPE		AIR-COOLED 4-CYCLE ENGINE	AIR-COOLED 4-CYCLE ENGINE	AIR-COOLED 4-CYCLE ENGINE
FUEL		GASOLINE	GASOLINE	GASOLINE
OUTPUT	Hp / KW	1.6 / 1.2	5.5 / 4.1	6.0 / 4.5
SPEED	RPM	7,000	3,600	3,600
TANK CAPACITY	gal	0.65 / 0.17	3.6 / 0.9	3.6 / 0.9
WEIGHT	Kg / lb	09 / 19	15 / 33	15 / 33



- Screed body easy connects to engine
- Emergency stop switch available
- Easy changeable blades according to different working widths
- Comfort isolation of vibration adapted to the worker
- Adaptability easy adapted to all surfaces
- Performance designed for intense work

Available Engine



GX160 (5.5HP)

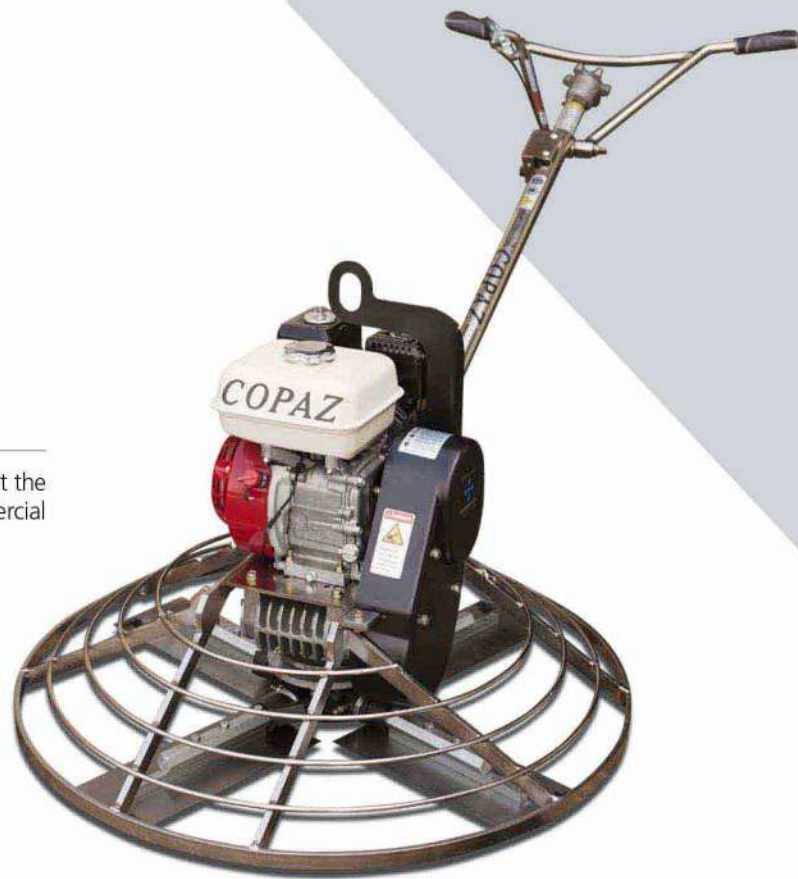
EX17 (6.0HP)

GX35 (1.8HP)

GASOLINE & ELECTRIC POWER TROWEL

CPT36E / CPT48E / CPT36M / CPT48M

CPT-SERIES are convenient with high performance to use it at the job sites to make a big parking lots and large flat for commercial and industrial areas. You can complete a finishing job easily and economically in shorter period with less man power.



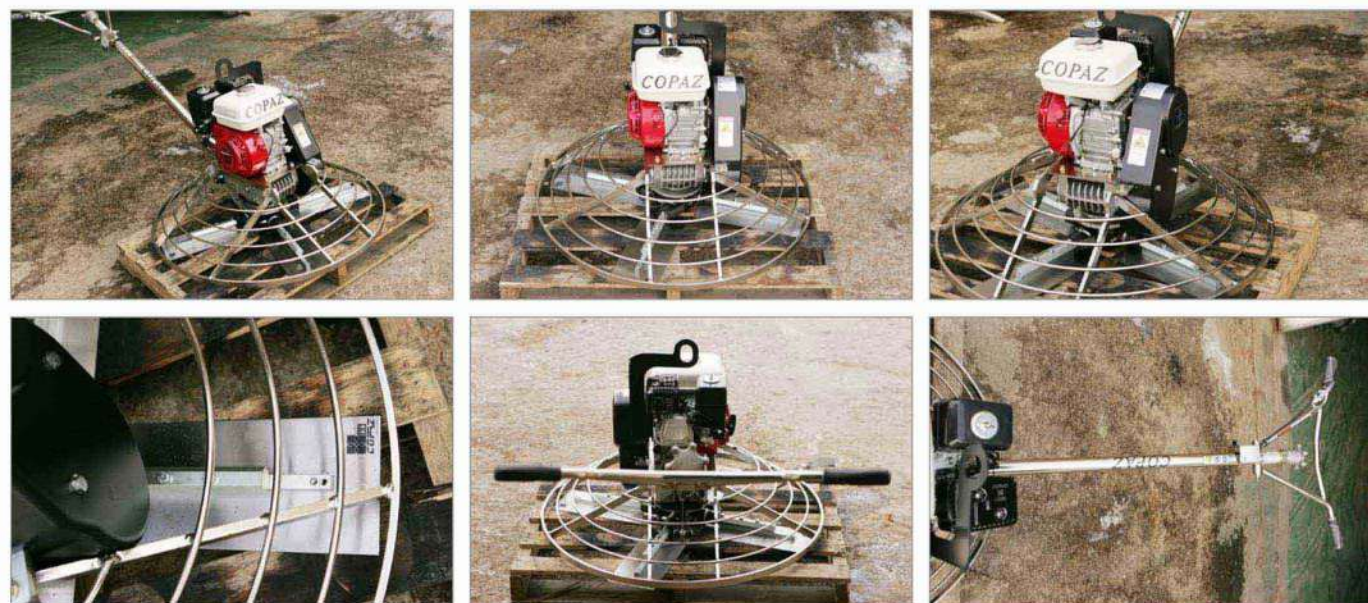
Features

- Over built gearbox assures long service life
- Heavy-weight design to assure a superior finish
- Height adjustable handle, assures operator comfort and easy control
- Lifting tube as standard features allows trowel to be transported on the job-site with only two man power
- Centric-safety switch shuts the engine down in the event of the operator loosing control handle of the trowels
- Screw control ensures precise blade adjustment
- Lifting hook for easy transportation
- Foldable handle for easy transportation and storage
- Low maintenance cost and long life span
- Dependable gear & gear box design provides maximum torque transfer
- Responsive clutch and pulley system for smooth speed transitions
- Four blade design with maximum rotor speed of 50~100RPM

Use

Finishing work for wide concrete floor & road in job site of any size

Product Views



Safety device for worker



GASOLINE & ELECTRIC TYPE POWER TROWEL

CPT36E / CPT48E / CPT36M / CPT48M



CPT36E



CPT4 E

Electric power trowel (CPT-36M / CPT-48M)



Option

Blade & Circular Pan



Blade



Circular Pan

Option

Engine (HONDA, ROBIN)



GX160 (5.5HP)



EX17 (6.0HP)

Specifications

MODEL		CPT-36E	CPT-48E	CPT-36M	CPT-48M
WEIGHT	kg / lb	78 / 171	94 / 207	81 / 171	92 / 207
DIMENSION (W) x (L) x (H)	mm / inch	945 x 1943 x 937 37.2 x 76.5 x 36.8	1170 x 2055 x 967 46.0 x 80.9 x 38.0	945 x 1943 x 937 37.2 x 76.5 x 36.8	1170 x 2055 x 967 46.0 x 80.9 x 38.0
LENGTH OF HANDLE	mm / inch	1504 / 59.2	1504 / 59.2	1504 / 59.2	1504 / 59.2
WORKING AREA	mm / inch	945 / 37	1170 / 46	945 / 37	1170 / 46
BLADE SPEED	RPM	50 ~ 150	50 ~ 150	50 ~ 100	50 ~ 100
ENGINE					
BRAND		HONDA	ROBIN	HONDA	SIEMENS
MODEL		GX160	EX17	GX390	SIEMENS
TYPE		AIR-COOLED 4-CYCLE		INVERTER WITH ELECTRIC MOTOR	
FUEL		GASOLINE		ELECTRICITY	
OUTPUT	hp / kw	5.5 / 4.12	6.0 / 4.5	13.0 / 9.75	3.0 / 2.25
SPEED	RPM	3600		1750	
TANK CAPACITY	l / gal	3.6 / 0.95	3.6 / 0.95	6.0 / 1.6	220V 50 / 60hz
WEIGHT	kg / lb	15 / 33	15 / 33	31 / 68.2	380V 50 / 60hz
					18 / 39.6
					29 / 63.9

PENDULUM TYPE CONCRETE VIBRATOR

CCV28 / CCV32 / CCV38 / CCV45 / CCV50 / CCV60

CCV-SERIES pendulum concrete Vibrator make 12,000~14,000VPM hitting three times per rotation between pendulum shaft and vibrator head and remove all excessive water, air gap and impurities in concrete mortar so that concrete structure become stronger and better.

Features

Pendulum concrete vibrators can remove all excessive water, air gap and impurity in concrete mortar so that concrete structure become stronger and better pendulum concrete vibrator is designed to effectively performed to expel the entrapped voids and compact the concrete. The high rotation of drive unit transmits as high as 12,000 Vibration per minute into the vibrator head through the flexible shaft, ensures maximum compaction for the best possible finish. It can be driven by three types of unit; gasoline engine drive unit, Diesel engine drive unit and Electric motor drive unit.

Use

Removing all excessive water, air and residues in concrete mortar to make Strong concrete structure and smooth surface

Option

- Coupling : Pin, Ball, Dynapac
- Length of Flexible rubber hose : 5.0m ~ 9.0m (Max. 12m)
- Engine : HONDA, ROBIN



Product Views



PENDULUM TYPE CONCRETE VIBRATOR & DRIVE UNIT

CCV28 / CCV32 / CCV38 / CCV45 / CCV50 / CCV60
CCM-1 / CCM-2 / CCE-1 / CCE-1D

ELECTRIC DRIVE UNIT

Use

Engine and electric drive unit is power unit of pendulum concrete vibrator and flexible pump



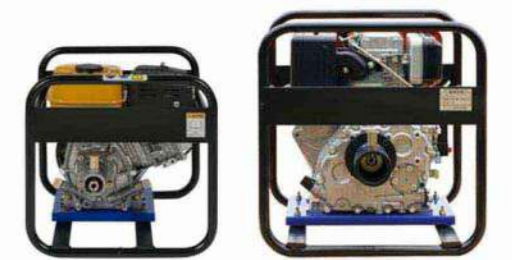
CCM-1 / CCM-2

ENGINE DRIVE UNIT

Available engine



KD225(4.8HP) 1B20(4.6HP) GX160(5.5HP) EX17(6.0HP)



[CCE-1]

[CCE-1D]

Kind of coupling



Size of shaft



Specifications

MODEL		CCV-28	CCV-32	CCV-38	CCV-45	CCV-60
CONCRETE VIBRATOR						
WEIGHT	Kg / lb	16 / 24	17 / 26	18 / 28	19 / 30	24 / 33
DIMENSION (W) x (L) x (H)	mm / inch	28 x 445 / 1.1 x 17.5	32 x 445 / 1.2 x 17.5	38 x 445 / 1.4 x 17.5	45 x 545 / 1.7 x 17.5	60 x 545 / 2.3 x 17.5
FREQUENCY	VPM	12,000 ~ 14,000	12,000 ~ 14,000	12,000 ~ 14,000	12,000 ~ 14,000	12,000 ~ 14,000
REVOLUTION of FLEXIBLE SHOT (RPM)		3,000 ~ 3,600	3,000 ~ 3,600	3,000 ~ 3,600	3,000 ~ 3,600	3,000 ~ 3,600
VIBRATION OF AMPLITUDE	mm / inch	1.2 / 0.04	1.4 / 0.05	1.6 / 0.06	2.0 / 0.07	2.4 / 0.09
LENGTH OF FLEXIBLE SHIFT		STANDARD LENGTH : 6M/236.2 inch (5~9M/196.8~354.3inch AVAILABLE LENGTH)				
COUPLING		PIN, BALL, DYNAPAC				
BEARING & OIL SEAL		JAPANESE BEARING & OIL SEAL				
COATING OF SHAFT HEAD		CHROMIUM PLATING				

MODEL		CCE-1		CCE-1D		MODEL		CCM-1		CCM-2	
		ENGINE DRIVE UNIT						ELECTRIC DRIVE UNIT			
WEIGHT	kg / lb	18 / 39		39.5 / 87		WEIGHT	kg / lb	10.7 / 23.5		12.5 / 27.5	
DIMENSION (W) x (L) x (H)	mm / inch	410x420x420 / 16.1x16.5x16.5		485x470x500 / 32.2x18.5x19.6		DIMENSION (W) x (L) x (H)	mm / inch	180x330x270 / 7.0x12.9x10.6		180x330x270 / 7.0x12.9x10.6	
FRAME		TURN TABLE or SQUARE FRAME				FRAME		SQUARE OR SKID FRAME			
COUPLING		PIN, BALL, DYNAPAC				COUPLING		PIN, BALL, DYNAPAC			
ENGINE											
BRAND		HONDA	ROBIN	HATZ	KOHLER	TYPE		ELECTRIC MOTOR			
MODEL		GX160	EX17	1B20	KD225	SPEED	RPM	3,000			
TYPE		AIR COOLED 4-CYCLE		AIR COOLED 4-CYCLE		POLES		2			
FUEL		GASOLINE		DIESEL		VOLTAGE	V	220V		220V	
OUTPUT	hp / kw	5.5 / 4.1	6.0 / 4.5	4.6 / 3.5	4.8 / 3.6	FREQUENCY	Hz	50 or 60		50 or 60	
SPEED	RPM	3,600	3,600	3,600	3,600	OUTPUT	hp / kw	1.0 / 0.75		2.0 / 1.5	
TANK CAPACITY	l / gal	3.6 / 0.95	3.6 / 0.95	3.0 / 0.79	3.0 / 0.79	MAX. TORQUE	kgf.cm	7.482		7.482	
WEIGHT	kg / lb	15 / 33	15 / 33	28.0 / 61.7	28.0 / 61.7	FRAME SURFACE	°C	49.5		49.5	

PNEUMATIC INTERNAL CONCRETE VIBRATOR

CPCV55 / CPCV65 / CPCV75



CPCV-SERIES pneumatic internal concrete vibrators can make very steady vibration 17,000 - 17,700 VPM from rotating of pneumatic rotor by powerful compressor and remove all excessive water, air gap and impurities in concrete mortar so that concrete structure become stronger and better surface.

Features

1. Pneumatic internal concrete vibrator is using air-compressor. So, worker is more safety than using other concrete vibrators from any electric shock or harmful gas.
2. Pneumatic internal concrete vibrator can make steady and precise vibration. So, concrete structure become stronger and better surface.
3. It has good durability, low maintenance and long life span in precise production and simple design.
4. Total weight is more lighter than pendulum or eccentric concrete vibrator. So, easy handle and worker's low fatigability.
5. Worker can easily select pneumatic concrete vibrator that they want in various sizes.

Product Views



Specifications

MODEL		CPCV55	CPCV65	CPCV75
Head Diameter	mm / inch	55 / 2.16	65 / 2.56	75 / 2.95
Head Length	mm / inch	314 / 13.54	340 / 14.37	366 / 15.67
Head Weight	kg / lb	4.5 / 9.9	7.9 / 17.38	8.9 / 19.6
Amplitude (Total at tip)	mm / inch	0.94 / 0.037	1.37 / 0.054	1.78 / 0.070
Frequency (Max. at 85psi)	VPM	17,700	17,700	17,000
Centrifugal Force (Max. at 85psi)	kg / lb	675 / 1484	1158 / 2548	1490 / 3278
Air Consumption (Max. at 85psi)	cfpm	54	54	85

FLEXIBLE SHAFT TYPE WATER PUMP

CXP-2



Specifications

Model No.		CXP-2
Inlet	mm / Inch	50 / 2.0
Outlet	mm / Inch	50 / 2.0
Head max	m / ft	15 / 49.2
Volume max.	l / hr	56400
Material of housing		Aluminum
Material of impeller		Stainless steel (SUS304)
Length of flexible shaft	Mm / ft	6 / 19.6
Coupling		Dynapac coupling
Total weight	Kg / lb	26 / 57.2

Applications

- Rural water supply
- Pier holes
- Disaster area
- Waste pits
- Excavations work
- Construction sites

PORTABLE BACKPACK TYPE CONCRETE VIBRATOR



Specifications

MODEL		CPV-1
WEIGHT	Kg / lb	7.5 / 16
DIMENSION (W) x (L) x (H)	mm / inch	330 x 400 x 1,500 / 12.9 x 15.7 x 59.0
TYPE		BACKPACK
DRIVE / TRANSMISSION		CENTRIFUGAL CLUTCH
COUPLING		PIN, SCREW
ENGINE		
BRAND		HONDA
MODEL		GX35
TYPE		AIR-COOLED 4 CYCLE ENGINE
FUEL		GASOLINE
OUTPUT	Hp / KW	1.4 / 1.05
UNLOADED SPEED		SAE 10W / 30
MAX. SPEED	RPM	7,000
TANK CAPACITY	gal	0.63 / 0.16
WEIGHT	Kg / lb	3.3 / 7.2
STARTING METHOD		RECOIL STARTER
SPEED CONTROL		THROTTLE LEVER
ENGINE STOP		EMERGENCY STOP BUTTON

PUSH-MANUAL & WHEEL DRIVE TYPE

CONCRETE & ASPHALT CUTTER

CCG270M / CCG390M / CCG390A / CCG630A

CCG-SERIES are designed for strength, durability and performance.

Whether cutting concrete or asphalt, the reinforced steel box frame design adds strength necessary to reduce vibrations while sawing.

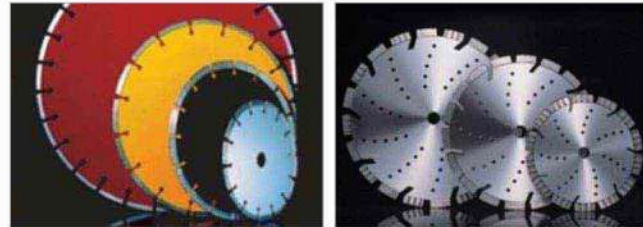
Minimizing vibrations enhances the performance of the blade extends the life of the saw.



Features

- Designed for excellent strength, good durability and performance
- Suitable for cutting concrete or asphalt, the reinforced steel box frame
- Design adds strength necessary to reduce vibrations while sawing
- Comfortable grip handle
- Easy adjust belt tension / easy belt replacement
- Designed to provide easy blade & belt replacement
- Saw position guide ensures straight cutting
- Water tank provides optimum water flow to the blade
- Urethane wheel for easy transportation
- Throttle lever for easy control of cutting speed
- Japanese shaft bearing for long service life

Diamond blades



Product Views



PUSH-MANUAL & WHEEL DRIVE TYPE

CONCRETE & ASPHALT CUTTER

CCG270M / CCG390M / CCG390A / CCG630A



Push-manual cutting type

CCG-270M 9.0hp (6.75kw) CCG-390M 13.0hp (9.75kw)

Wheel drive cutting type

CCG-390A 13.0hp (9.75kw) CCG-630A 20.8hp (15.5kw)

Use

- Cutting surface of asphalt and concrete loads, parking lots, ground of shopping center,
- Cutting block and stones
- Repair works for Pipe line construction
- Repair works for asphalt construction

Option

- Available diamond blade (10"~20")
- Electric starter with battery
- Engine (Available engine model as below)

Available Engine



Specifications

MODEL		CCG-270M	CCG-390M	CCG-390A	CCG-630A
WEIGHT	Kg / lb	110 / 242	117 / 257	121 / 266	134 / 296
DIMENSION (W) X (L) X (H)	mm / inch	610x1540x1040 24.0x60.6x40.9	610x1540x1040 24.0x60.6x40.9	630x1540x1040 24.8x60.6x40.9	630x1540x1040 24.8x60.6x40.9
MAX. CUTTING DEPTH		10" ~ 16"	10" ~ 18"	10"~18"	10" ~ 20"
DRIVE METHOD		PUSH-MANUAL	PUSH-MANUAL	WHEEL DRIVE TYPE	WHEEL DRIVE TYPE
WATER TANK	l / gal	27.6 / 7.29	27.6 / 7.29	28.2 / 7.44	28.2 / 7.44
STARTER		RECOIL STARTER (OPTION: ELECTRIC STARTER)		ELECTRIC STARTER	
ENGINE					
BRAND		HONDA	HONDA	HONDA	HONDA
MODEL		GX270	GX390	GX390	GX630
TYPE		AIR-COOLED 4-CYCLE		AIR COOLED 4-CYCLE	
FUEL		GASOLINE		GASOLINE	
OUTPUT	Hp / KW	9.0 / 6.7	13.0 / 9.75	13.0 / 9.75	20.8 / 15.5
SPEED	RPM	3,600	3,600	3,600	3,600
TANK CAPACITY	gal	6.0 / 1.6	6.0 / 1.6	6.0 / 1.6	15 / 4.0
WEIGHT	Kg / lb	25 / 55	31 / 68.2	31 / 68.2	44.4 / 97.7

RUBBER TRACK & FULL REMOTE CONTROL TYPE

CONCRETE & ASPHALT CUTTER

CCG60-HD4TM

This large-sized road cutter has a strong structure and excellent durability. It minimizes vibration inside the machine for smooth and powerful cutting. For the safety of workers, you can operate this large-sized road cutter with a remote control from a distance. Since machine is moved by rubber track, the machine does not slip when cutting or moving, and it can be required to cut accurately at the exact position.



MODEL NO.: CCG60-HD4TM



REMOTE-CONTROLLER

Product Views

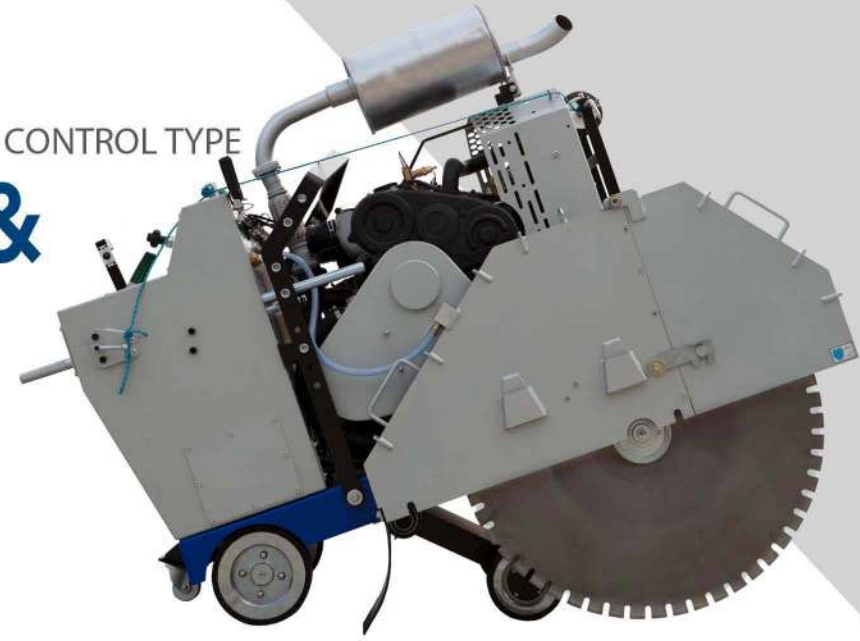


WHEEL TROLLEY & SEMI AUTOMATIC CONTROL TYPE

CONCRETE & ASPHALT CUTTER

CCG60-HD4WM

This large road cutter has a strong structure and excellent durability. It minimize vibration inside the machine for smooth and power cutting. Workers should control at behind of large concrete cutter. But, machine protect the workers with reinforced diamond blade cover Large concrete cutter is moved by hydraulic system. Also, exact cutting depth is also adjusted by electrohydraulic pump.



MODEL NO.: CCG60-HD4WM

Product Views



CONCRETE & ASPHALT CUTTER

CCG60-HD4WM / CCG60-HD4TM

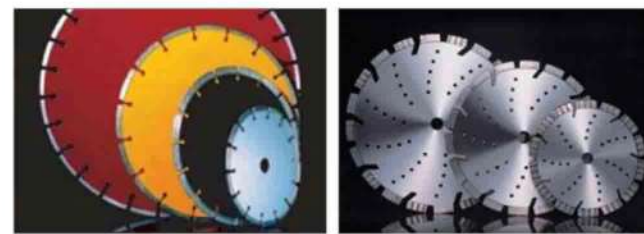
The powerful COPAZ MCC has a clean, quiet HYUNDAI diesel engineS that is Tier 2~4 Final (Optionable) with 45HP~110HP. The engine is liquid cooled which allows it to run smoother and longer without overheating. Increased productivity and lifespan with reduced downtime.

Feature

- Tier 2~4 Final(Optionable) liquid-cooled engine allows for a smoother running, longer lasting saw with higher productivity
- Strongest frame on the market.
- Less rear weight for easy maneuvering and reduced operator fatigue.
- Oil bath blade shaft comes standard.
- One-hand sawing control and parking brake.
- Fits through a 40" wide door frame (Optionable).
- Quick release blade shaft / flange.
- Blade shaft tachometer – where its needed – not at the engine, giving you true blade speed.
- Intuitive and ergonomic control panel provides simple operation and complete access to diagnostic information.

Use

- Airport runway cutting
- Water and sewage pipeline replacement work
- Communication line laying work
- Highway cutting
- Demolition of an overpass
- Bridge demolition work



Diamond blades

Option

- Engine (Diesel or Gasoline)
- Power of engine (Min. 45hp ~ Max. 110hp)
- Size of diamond cutting blade (Min. 12inch ~)
- Full automatic control by remote controller

Specifications

MODEL		CCG60-HD4WM	CCG60-HD4TM			
OPERATION WEIGHT	KG	1,500	1,750	MAX. POWER OUTPUT	HP/KW	53/40 (OPTIONABLE)
DIMENSIONS(W)×(L)×(H)	MM	850×1,400×1,400	970×1,550×1,500	ENGINE MAX. RPM	RPM	2,500
MAX. CUTTING DEPTH	MM	450 (Optionable)		AIR SUPPLY TYPE		T/C + OIL COOLER (OPTIONABLE)
MAX. CUTTING RPM	RPM	2,200 (Optionable)		TORQUE	KG.M	16 / 1,600RPM
BLADE RAISE / LOWER		ELECTRO-HYDRAULIC PUMP		STARTING ENGINE		ELECTRIC TYPE (SELF-START)
AIR FILTER		4-STAGE (OPTIONABLE)		FUEL TANK VOLUME	L	STANDARD 24 (OPTIONABLE)
SIZE OF TIRE (DIA. × W)	MM	320 × 80	RUBBER TRACK	HYDRAULICS		
DRIVE SPEED (FLAT ROAD)	KM/MIN	0.61	0.81	BLADE CUTTING DEPTH CONTROL		ELECTROHYDRAULIC PUMP
CONTROL PANEL		INTUITIVE AND ERGONOMIC		CC MACHINE MOUNTING		WHEELS MOUNTED TROLLEY
COLOR OF BODY		BULE & SILVER (OPTIONABLE)		WHEEL DRIVE METHOD		GEAR BOX WITH HYDRAULIC DRIVING SYSTEM
ENGINE				ACCESSORY		
ENGINE MAKER / ORIGIN		HYUNDAI/ SOUTH KOREA		WATER TANK		INBUILT STAINLESS STEEL WATER TANK 20L
ENGINE TYPE		DIESEL		OPTION		
NO. OF CYLINDER		4-CYLINDER, 4-STROKE ENGINE(OPTIONABLE)		DIAMETER OF DIAMOND BLADES		12 INCH ~
ENGINE COOLING		WATER-COOLED				

- Brands(HYUNDAI, KUBOTA, DEUTZ, KOHLER, HATZ, YANMAR) of mounting engine on CC Machine can be optionally changed by client's requirement before contract.

CONCRETE & ASPHALT CUTTER

CCG80-HD4WM / CCG80-HD4TM / CCG100-HD4WM / CCG100-HD4TM

The powerful COPAZ MCC has a clean, quiet HYUNDAI diesel engineS that is Tier 2~4 Final (Optionable) with 45HP~110HP. The engine is liquid cooled which allows it to run smoother and longer without overheating. Increased productivity and lifespan with reduced downtime. Optionally, it is equipped with a powerful cooling system to prevent the circular saw blade from being seized in the concrete due to instantaneous thermal expansion during concrete cutting.

Specifications

MODEL		CCG80-HD4WM	CCG80-HD4TM			
OPERATION WEIGHT	KG	1,634	1,884	MAX. POWER OUTPUT	HP/KW	82 / 61.5 (OPTIONABLE)
DIMENSIONS(W)×(L)×(H)	MM	850×1,400×1,400	970×1,550×1,500	ENGINE MAX. RPM	RPM	2,400
MAX. CUTTING DEPTH	MM	550 (Optionable)		AIR SUPPLY TYPE		T/C + OIL COOLER (OPTIONABLE)
MAX. CUTTING RPM	RPM	2,200 (Optionable)		TORQUE	KG.M	25.5 / 1,800RPM
BLADE RAISE / LOWER		ELECTRO-HYDRAULIC PUMP		STARTING ENGINE		ELECTRIC TYPE (SELF-START)
AIR FILTER		4-STAGE (OPTIONABLE)		FUEL TANK VOLUME	L	STANDARD 24 (OPTIONABLE)
SIZE OF TIRE (DIA. × W)	MM	320 × 80	RUBBER TRACK			
DRIVE SPEED (FLAT ROAD)	KM/MIN	0.61	0.81	BLADE CUTTING DEPTH CONTROL		ELECTROHYDRAULIC PUMP
CONTROL PANEL		INTUITIVE AND ERGONOMIC		CC MACHINE MOUNTING		WHEELS MOUNTED TROLLEY
COLOR OF BODY		BULE & SILVER (OPTIONABLE)		WHEEL DRIVE METHOD		GEAR BOX WITH HYDRAULIC DRIVING SYSTEM
ENGINE				ACCESSORY		
ENGINE MAKER / ORIGIN		HYUNDAI/ SOUTH KOREA		WATER TANK		INBUILT STAINLESS STEEL WATER TANK 20L
ENGINE TYPE		DIESEL		OPTION		
NO. OF CYLINDER		4-CYLINDER, 4-STROKE ENGINE(OPTIONABLE)		DIAMETER OF DIAMOND BLADES		12 INCH ~
ENGINE COOLING		WATER-COOLED				

- Brands(HYUNDAI, KUBOTA, DEUTZ, KOHLER, HATZ, YANMAR) of mounting engine on CC Machine can be optionally changed by client's requirement before contract.

Specifications

MODEL		CCG100-HD4WM	CCG100-HD4TM			
OPERATION WEIGHT	KG	1,650	1,900	MAX. POWER OUTPUT	HP/KW	100 / 75 (OPTIONABLE)
DIMENSIONS(W)×(L)×(H)	MM	1,050×1,600×1,550	1,170×1,750×1,650	ENGINE MAX. RPM	RPM	2,000
MAX. CUTTING DEPTH	MM	650 (Optionable)		AIR SUPPLY TYPE		T/C + OIL COOLER (OPTIONABLE)
MAX. CUTTING RPM	RPM	2,200 (Optionable)		TORQUE	KG.M	37 / 1,700RPM
BLADE RAISE / LOWER		ELECTRO-HYDRAULIC PUMP		STARTING ENGINE		ELECTRIC TYPE (SELF-START)
AIR FILTER		4-STAGE (OPTIONABLE)		FUEL TANK VOLUME	L	STANDARD 24 (OPTIONABLE)
SIZE OF TIRE (DIA. × W)	MM	320 × 80	RUBBER TRACK			
DRIVE SPEED (FLAT ROAD)	KM/MIN	0.61	0.81	BLADE CUTTING DEPTH CONTROL		ELECTROHYDRAULIC PUMP
CONTROL PANEL		INTUITIVE AND ERGONOMIC		CC MACHINE MOUNTING		WHEELS MOUNTED TROLLEY
COLOR OF BODY		BULE & SILVER (OPTIONABLE)		WHEEL DRIVE METHOD		GEAR BOX WITH HYDRAULIC DRIVING SYSTEM
ENGINE				ACCESSORY		
ENGINE MAKER / ORIGIN		HYUNDAI/ SOUTH KOREA		WATER TANK		INBUILT STAINLESS STEEL WATER TANK 20L
ENGINE TYPE		DIESEL		OPTION		
NO. OF CYLINDER		4-CYLINDER, 4-STROKE ENGINE(OPTIONABLE)		DIAMETER OF DIAMOND BLADES		12 INCH ~
ENGINE COOLING		WATER-COOLED				

- Brands(HYUNDAI, KUBOTA, DEUTZ, KOHLER, HATZ, YANMAR) of mounting engine on CC Machine can be optionally changed by client's requirement before contract.

MECHANICAL TYPE REBAR CUTTER

CRC25 / CRC32 / CRC42

CRC-SERIES can be cut bars from 6 mm to 42 mm according to capacity of rebar cutters. Durable main bodies against impacts and there are wheels for easy transportation.

A blades, having 4 edges as square shapes and all edges are smart sharp. This rebar cutter is powered by using an powerful electric motor (SIEMENS) that move the strong gears, pushing the cutter jaws closed which performs the cutting action easily.



Features

The CRC-Series is a heavy-duty rebar cutter that will safely, efficiently, and cleanly cut rebar up to 42mm diameter grade 40. CRC-Series will also cut other items like chain, bolts and rod but is specifically designed for rebar.

The CRC-Series would be a great asset for all construction contractors.

The rebar cutter is a cold-cutting shear, unlike saws with abrasive blades and cutting torches, there are no sparks or flame. Low maintenance and long life service.

Options

- Clutch
- Blade
- Automatic oil supplier device

Use

- All kind of rebar work
- Cutting various shape of steel bar
- Construction work for house and building



SIEMENS
MOTORS

Electric motor

Cutting capacity

MODEL NO.	REBAR CUTTING TABLE									REBAR CLASS
	D42	D32	D29	D25	D22	D19	D16	D13	D10	
CRC-25				1	1	1	2	3	4	SD350
CRC-32		1	1	1	3	2	4	5	7	SD350
CRC-42	1	1	1	2	3	3	5	6	8	SD400

Specification

MODEL		CRC-25	CRC-32	CRC-42
WEIGHT	Kg / lb	140 / 307	230 / 507	700 / 1543
DIMENSION (W) x (L) x (H)	mm / inch	430 x 670 x 790 / 94.7 x 147.5 x 174.0	520 x 865 x 930 / 19.6 x 34.0 x 36.6	600 x 800 x 1,000 / 23.6 x 31.4 x 39.3
TYPE		CART TYPE	CART TYPE	STATIONARY TYPE
MOTOR	Hp / KW	2.0 / 1.5	3.0 / 2.2	5.0 / 3.7
MAX. CUTTING CAPACITY	mm / inch	25 / 1	32 / 1.3	42 / 1.7
AVAILABLE REBAR CLASS		SD400	SD400	SD400
POWER		1-100~220V 50/60HZ	1-100~220V 50/60HZ	3-380V 50/60HZ
CUTTING SPEED		APPROX. 1.5sec	APPROX. 1.5sec	APPROX. 2.0sec

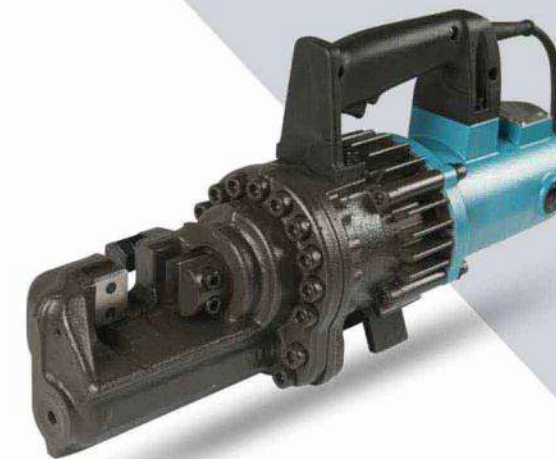
HANDY REBAR CUTTER

CHC25

Electro-hydraulic handy rebar cutter with reversible blades, handy rebar cutters easily cut a rebar within a few seconds.

The handy rebar cutter is quicker and more economical than disc or abrasive type cutters, and unlike an oxy-acetylene cutting.

The safety is also improved as there is no spark, no flame and no trilling hoses to snare equipment or worker's feet.



Features

The rebar cutter is a medium-duty rebar cutter that will safely, efficiently, and cleanly cut rebar up to 25mm diameter rebar class SD350. This self-contained electric/hydraulic unit will also cut other items like chain, bolts and rod but is specifically designed for rebar.

CHC-25 would be a great asset for swimming pool, masonry, and ICF contractors.

The rebar cutter is a cold-cutting shear, unlike saws with abrasive blades and cutting torches, there are no sparks or flame.

A safety relief valve for retracting the piston and a cutting guard are standard features.

The complete set in a carrying case with hydraulic oil and a tool kit.

Cutting Procedure



Rebar Cutting Blade



Put the Rebar on Machine



Press the Switch



Cutting the Rebar

Cutting capacity

MODEL NO.	REBAR CUTTING TABLE								REBAR CLASS
	D32	D29	D25	D22	D19	D16	D13	D10	
CHC-25			1	1	1	1	2	3	SD350

Specifications

MODEL		CHC-25
WEIGHT	Kg / lb	20 / 44
DIMENSION (W) x (L) x (H)	mm / inch	170 x 520 x 170 / 6.4 x 20.4 x 6.7
TYPE		HANDY TYPE
MOTOR	Hp / KW	2.5 / 1.9
MAX. CUTTING CAPACITY	mm / inch	25 / 1
AVAILABLE REBAR CLASS		SD350
POWER		1-100~220V 50/60HZ
CUTTING SPEED		APPROX. 5 sec

INVETER TYPE FLOOR GRINDER

CFG1-550LV / CFG2-550HV / CFG3-550HV

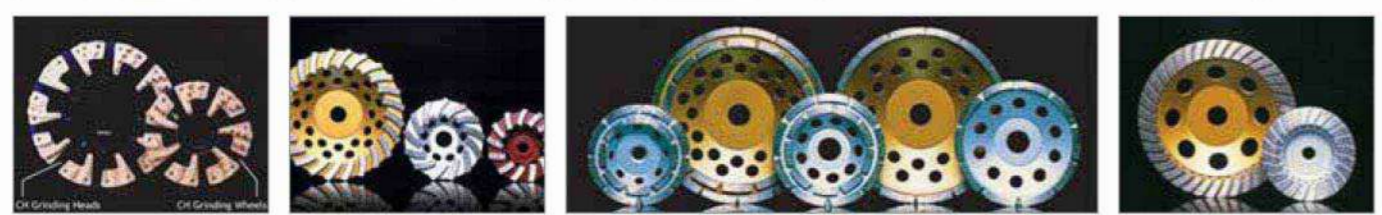
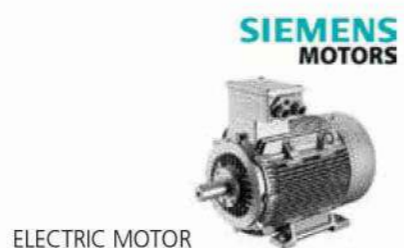
Used in conjunction with our diamond or carbide inserts, this electrically powered grinder smooths rough finishes, flattens uneven areas.

Features

Used to create smooth, flat, 'swirl free' finishes for the application of thin coatings and sealers. Material removal typically less than 1 mm in a single pass. Working width of machines range from 550. The performance of the diamond grit segments and buttons are governed by 'grit' size and 'bond' material. Progressive operations can lead from 'rough' grinding to smooth 'glass-like' finishes on natural stone or Terrazzo. Diamond floor grinding can be carried out wet or dry. The dust created when grinding dry can be controlled 100% with a suitable dust collector from our extensive range.



Grading Plate (Optional)



Model & Specifications of floor grinder

MODEL	CFG1-550LV	CFG2-550HV	CFG3-550HV
VOLTAGE / Hz	1 or 3 ph x 200-240V 50-60Hz	3 ph x 380-440V 50-60Hz	3 ph x 380-440V 50-60Hz
ELECTRIC MOTOR POWER	3.0Hp	7.5Hp	10Hp
INDUSTRIAL FREQUENCY INVERTER	YES	YES	YES
SPEED CONTROL	YES	YES	YES
TOOL HOLDER REVOLUTIONS(RPM)	MAX. 300 - 700RPM	MAX. 300-1,100RPM	MAX. 300-1,100RPM
WORKING WIDTH	550mm	550mm	550mm
TOOL DIAMETER	1PC x 500mm	2PCS x 250mm	3PCS x 250mm
WEIGHT	100kg	178kg	255kg
ADDITIONAL WEIGHT	X	X	MAX. 2PCSx20KG
APPLICATION	WET AND DRY	WET AND DRY	WET AND DRY
VACUUM HOSE PORT	YES	YES	YES
WATER TANK CAPACITY	WITHOUT WATER TANK (OPTIONAL)	WITHOUT WATER TANK (OPTIONAL)	WITHOUT WATER TANK (OPTIONAL)
WATER INPUT	X	X	X
MACHINE DIMENSIONS	550mm(W)x1210mm(L)x1050mm(H)	590mm(W)x1550mm(L)x1100mm(H)	550mm(W)x1550mm(L)x1100mm(H)

MECHANICAL TYPE REBAR BENDER

CMB32 / CMB42

CMB SERIES can be used to automatically bend steel bars. It can be bend round and flat steel bars into any shapes for construction purposes.

Features

- The portable bender is suitable for use on the construction site.
- Fast and easy change of angle with two control levers to preset bending angles
- Use of electro-magnetic clutch for motor maintaining a certain amount of power.
- Convenient A/S in case mechanical trouble.
- A foot switch is available for automatic bending.
- Suitable for small and middle works (CMB25, CMB32) and heavy duty works (CMB42)
- Simple attachment of coupling on machine allows the user to do bigger radius bending (Radius 200, 250, 300) for any necessary for any civil engineering work (CMB32 : included, CMB42 : Optional)

Design of bender

Kind of round roller



1. Turn on power 2. Adjust bending angle 3. Adjust bending radius 4. Press foot switch

Bending capacity

MODEL NO.	DIAMETER									REBAR CLASS
	D42	D32	D29	D25	D22	D19	D16	D13	D10	
CMB-25				1	1	1	2	3	4	SD350
CMB-32		1	1	1	2	2	3	4	5	SD350
CMB-42	1	1	1	2	2	3	3	4	6	SD400

Specifications

MODEL		CMB-25	CMB-32	CMB-42
WEIGHT	Kg / lb	105 / 231	140 / 308	800 / 1,763
DIMENSION (W) x (L) x (H)	mm / inch	480x465x470 / 18.8x18.3x18.5	560x570x575 / 22.0x22.4x22.6	1,000x1,200x1,000 / 39.3x47.2x39.3
MOTOR	Hp / KW	SINGLE 2.5 / 1.9	DUAL 2.5 / 2.2	SINGLE 5 / 3.7
MAX. CUTTING CAPACITY		25	32	42
AVAILABLE REBAR CLASS		SD400	SD400	SD400
BENDING ANGLE		0~180 °	0~180 °	0~180 °
WORKING SPEED		4 SEC / 180 °	4 SEC / 180 °	5 SEC / 180 °
BENDING SYSTEM		FOOT SYSTEM	FOOT SYSTEM	FOOT SYSTEM
BENDING ANGLE RESERVATION		2	2	1
POWER		1-220V 50 / 60HZ	1-220V 50 / 60HZ	3-380V 50 / 60HZ

ENGINE & ELECTRIC TYPE FLOOR PLANNER

CFP250M / CFP300M / CFP250E / CFP300E

Professional Floor Planer CFP SERIES, heavy duty and easy to handle. (Specially tungsten blades for rental companies) Ideal for cleaning, deep grooving, level reduction, removing of coatings, de-rusting of metals, etc on small / medium size surfaces such as, concrete, asphalt, steel, iron, stone, wood, etc. or any other hard surface.

Features

- A road preparation of Concrete and Asphalt, cleaning and removing epoxy coatings, thermoplastic coatings painting and traffic lanes.
- Remove mastics, adhesives and rubberized coatings, mill scale and rust from steel or road surfaces.
- Level uneven surfaces and trip hazards.
- Used for light utility milling, road surface preparation and slotting and groove the concave-shock lines.

Shock + Marking = concave shock lines designed at the outside of the street edge and emergency parking lines.
Prism-concave shock lines : designed at the roads with frequent accident, and places requiring better understanding of the road contour, such as roadside line, turnings, division, the entrance and exit stripe, bridge, tunnels, steep slopes, city road junctions parking line, as well as the driveway boundary.
Groove : designed at the bend roads, ramp, and deceleration lane of the toll stations, especially some ramps high on one side and low on the other.

Options

- Cutting blades (Diamond, Tungsten blade)
- Engine (Available engine: GX270 or GX390)
- Electric motors (3.0hp~5.0hp)
- Counter-weight



DRUM & DIAMOND & TUNGSTEN BLADES



Drum of Diamond blades

Drum of Tungsten blades

Shape of Tungsten blade

Product Views



ENGINE & ELECTRIC TYPE FLOOR PLANNER

CFP250E / CFP250M / CFP300E / CFP300M



SIEMENS MOTORS



ELECTRIC MOTOR

Use

Concrete, asphalt, iron, stone and wood surface for cleaning, deep grooving, level reduction, removing of coating, de-rusting of metals

Functional advantages

Compact design & easy to use for work Durm with 6shafts, together with a variety of cutters of different types for choice. With depth instructions scale dial, and use precise pitch adjustment, the milling depth can be accurately controlled. With greater weight, high-powered engines and electromotor, it is more suitable for construction or road projects. With cleaning adapter, it can be linked with cleaning equipments. Quick changing drums and cutters. Grinding epoxy, glues and urethane, high working efficiency.

Available Engine



GX390 (13.0HP)

GX270 (9.0HP)

Specifications

MODEL		CFP-250E	CFP-250M	CFP-300E	CFP-300M
WEIGHT	Kg / lb	110 / 242	106 / 233	126 / 277	124 / 273
DIMENSION (W) x (L) x (H)	mm / inch	450 x 1175 x 1250 17.7 x 46.2 x 49.2	450 x 1175 x 1250 17.7 x 46.2 x 49.2	550 x 1175 x 1250 21.6 x 46.2 x 49.2	550 x 1175 x 1250 21.6 x 46.2 x 49.2
WORKING WIDTH	mm / inch	250 / 9.8	250 / 9.8	300 / 11.8	300 / 11.8
WORKING CAPACITY	(ft ²) / Hr	100 / 1,076	100 / 1,076	150 / 1,615	150 / 1,615
ENGINE					
BRAND		HONDA	SIEMENS	HONDA	SIEMENS
MODEL		GX270	ELECTRIC MOTOR	GX390	ELECTRIC MOTOR
TYPE		AIR-COOLED 4 CYCLE ENGINE	1P-220V 50 / 60Hz	AIR-COOLED 4 CYCLE ENGINE	3P-380V 50 / 60Hz
FUEL		GASOLINE	ELECTRIC	GASOLINE	ELECTRIC
OUTPUT	Hp / KW	9.0 / 6.7	3.0 / 2.2	13.0 / 9.75	5.0 / 3.75
SPEED	RPM	3,600	3,600	3,600	3,600
TANK CAPACITY	gal	6.0 / 1.5	-	6.0 / 1.5	-
WEIGHT	Kg / lb	25 / 55	20 / 44	31 / 68	32 / 44

PRODUCT VIEW

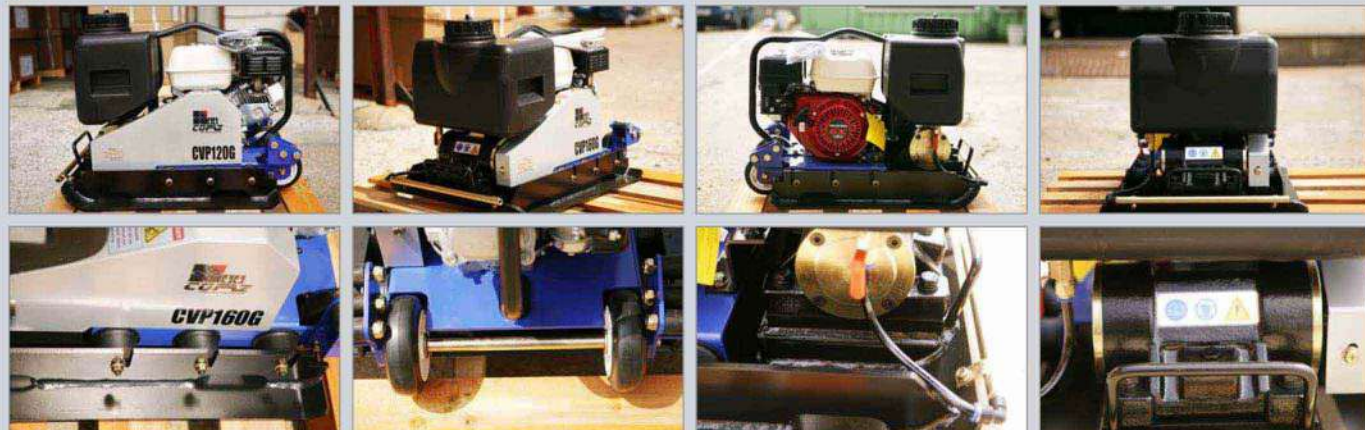
Vibrating Roller



Tamping Rammer



Plate Compactor



Power Trowel



Concrete Vibrator



Concrete Cutter



Floor Grinder

