



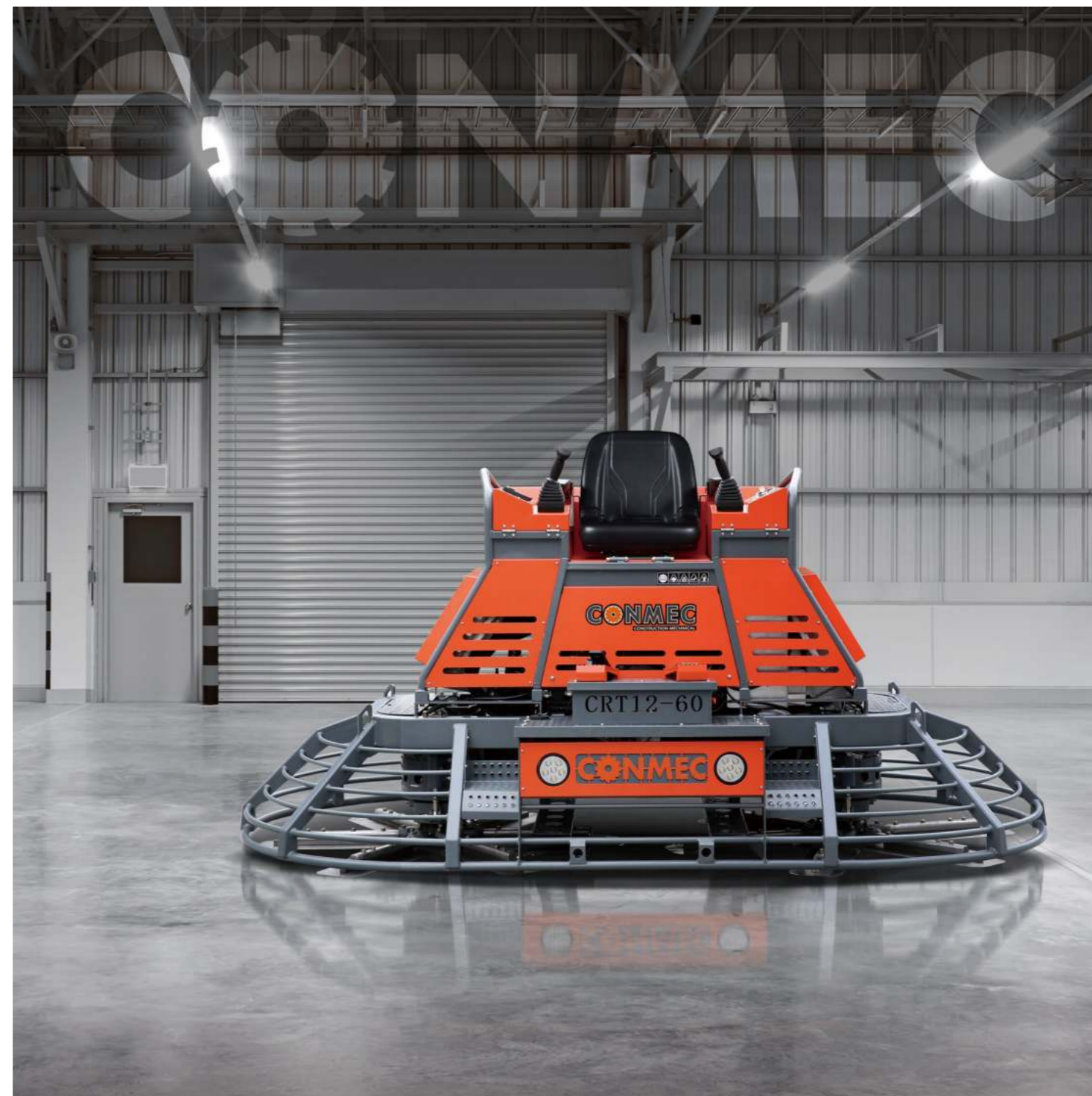
**CONMEC**  
CONSTRUCTION MECHANICAL



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CONSTRUCTION MECHANICAL

# 2025

CONSTRUCTION  
MECHANICAL



Conmec Engineering Co., Ltd

Add:No.88,2#Industrial Avenue,Anwu Road,Wuqiao County,Fengxian District, Shanghai, China



Mobile/whatsapp/wechat:+8618326194995  
Facebook:[www.facebook.com/www.conmec.cn](https://www.facebook.com/www.conmec.cn)



E-mail:[george@conmec.cn](mailto:george@conmec.cn)  
Youtube:[www.youtube.com/user/georgeworkbush/videos](https://www.youtube.com/user/georgeworkbush/videos)



2003  
2025

100 countries  
Our business is spread all over the world

30000m<sup>2</sup>  
Total construction area

20000t  
CONMEC Steel Fiber annual Production Capacity

500000m  
Armoured Joints automation flexible production intelligent manufacturing factory

CONMEC is a group company founded in 2003 ,specialized in the production of concrete flooring machinery and concrete metal crack resistant materials. Its business covers more than 100 countries and regions worldwide, and its brand influence and market competitiveness are gradually expanding globally. CONMEC are actively strengthening cooperation with global distributors, taking distributors as the main body , working together to establish more comprehensive technical support, and providing higher quality and more efficient local services upon customer-oriented principle.

CONMEC has three production bases located in Malaysia ,Shanghai and Anhui, China and a subsidiary in Europe. The Malaysian base mainly engages in the production and assembly of flooring machinery and equipment, providing better services for the South-east Asian market. The Shanghai base is mainly engaged in the production and manufacturing of traditional fuel powered flooring machinery, covering an area of over 10000 square meters. It is a professional flooring equipment manufacturing factory with more than 20 years of experience; The Anhui base is a modern



CHINA SHANGHAI FACTORY



MALAYSIA PLANT



EUROPE PLANT

industrial park with a factory area of over 30000 square meters. It has an annual production capacity of 20000 tons of steel fiber super factory ,a flexible production line for 500000 meters armoured joints, and a globally renowned digital production workshop for producing lithium battery series flooring equipment.

CONMEC regards technology research and quality control as the core driving force for enterprise development. It has independent research and development centers and quality control centers ,and more than 20 industry-leading senior R&D personnel, and has established deep cooperation with multiple higher education institutions in terms of production,academia and research. The R&D center adopts advanced PLM system to achieve product refined management from design to market within the entire lifecycle;The quality control center is equipped with international high-end testing equipment such as Hexagon three-coordinate measuring machines , imaging machines, tensile testing machines, and digital testing workstations to ensure that every product meets the standards.

At the same time ,CONMEC emphasizes humanistic care for its employees , and the factory is equipped with complete living and entertainment facilities to meet their work and rest needs. CONMEC establishes a relaxing, harmonious, and inclusive working atmosphere to attract young talents , inject vitality into the construction of the enterprise's talent team , and continuously strengthen the enterprise's soft power.

Over the past 20 years , CONMEC has always adhered to the core values of "quality , reputation, service, and perseverance", providing customers with professional, intelligent, and green floor construction equipment solutions. It has continuously increased investment, upgraded products , and worked together with global partners to achieve win-win cooperation, jointly promoted the innovative development of the floor industry and created a better future.

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# CONCRETE LEVELING SCREED SERIES

CONMEC laser paving and leveling machine  
- leading the future of efficient construction!

Accurate paving

High-frequency vibration

Flexible operation

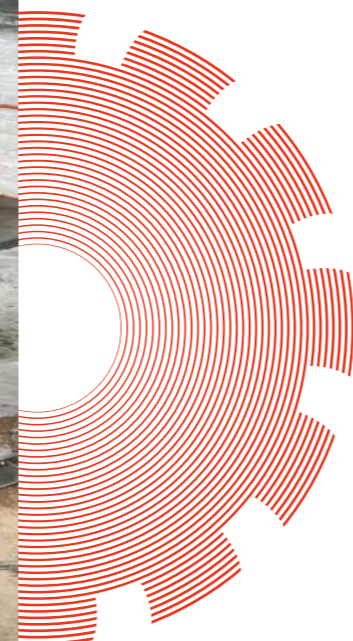
Comprehensive quality and efficiency





# CONCRETE TECHNOLOGY

Construction Working Site



## FEATURES

- Full 360° hydraulic powered rotation
- 20 ft. (6 meter) boom reach
- 3.0 meter or 3.8 meter screed head
- All-wheel steering (4-wheel, 2-wheel, and crab)
- 4 stabilizers in-line with the wheels
- All-wheel hydraulic drive
- Flip-down plow extension

## TECHNICAL SPECIFICATION

Model	CBL-300II
Engine Type	KUBOTA Turbo Diesel or YANMAR Diesel
Power (kw/hp)	32.5/44
Weight(kg)	4660
Oil Tank Capacity(L)	70
Hydraulic Oil Tank Capacity(L)	120
Screed Head Width(mm)	3000 or 3800
Travelling Speed(km/h)	0-6
Leveling Thickness(mm)	30-300
Exciting Force(N)	3000-5000N
Leveling System	Boomed leveling with US ETON hydraulic motor auger
Laser System	Trimble, Leica laser system or German Moba laser system
Drive Unit	Low speed high torque reducer + US Sauer-Danfoss hydraulic motor
Main Pump	US Sauer-Danfoss axial piston pump
Master Valve	US Sauer-Danfoss main control valve
Vibration Control System	US Sauer-Danfoss high-speed small torque hydraulic motor
Hydraulic Hose	American GATES High pressure hoses
Leveling Method	boomed leveling with US ETON hydraulic motor auger
Operation(Forward,backward)	Rotary switch proportional control,CVT
Control Effect	Plane, slope or dual slope (three-dimensional)
Steering	hydraulic control,360° Machine Rotation with 2-wheel, 4-Wheel, and Crab Steering



## Boom Concrete Leveling Screed CBL-300II

Boom Laser Concrete Screed continues high performance and cutting edge mode for innovative and productive concrete placing and leveling solutions.

The 20 ft. (6 meter) telescopic boom reaches out over the concrete allowing you to reach over chaired rebar, wire mesh or any other type of reinforcement, its powerful hydraulic system controls the elevation and the self-leveling screed head to maintain grade, resulting in improved floor levelness (FL) even with low slump concrete.

## TELESCOPIC BOOM



# Boom Topping Spreader

## CBTS-200

Disperse a wide variety of shake-on toppings with the Boom Topping Spreader. It's uniquely versatile design features a low dust loading technology with Inlet Hopper brushes, storage for up to twenty 50-lb. / 22.7 kg bags, and a compact machine size for easier transporting. CBTS200 Topping Spreader provides spreading accuracy that allows you to distribute shake-on toppings from fine materials to trap rock.



Construction Working Site



### FEATURES

- Superior spreading accuracy
- 20ft (6 meter) boom reach
- Easy-Loading
- Improved operator visibility
- Easy to maintain and service
- 2-Wheel, 4-Wheel, Crab Steer

### TECHNICAL SPECIFICATION

Model	CBTS-200
Engine Type	KUBOTA Turbo Diesel or YANMAR Diesel
Power (kw/hp)	32.5/44
Weight(kg)	4020
Oil Tank Capacity(L)	50
Hydraulic Oil Tank Capacity(L)	75
Travelling Speed(km/h)	0-5
Spread Head Width(mm)	1820
Spreading Density(kg/m <sup>2</sup> )	1-8
Boom Arm System	Button proportional switch control, infinitely variable speeds
Main Pump	US Sauer-Danfoss axial piston pump
Master Valve	US Sauer-Danfoss main control valve
Hydraulic Hose	American GATES High pressure hoses



### TELESCOPIC BOOM

## Concrete Leveling Screed

### CLS-RP260

Hydraulic four-wheel drive.



### FEATURES

- Screeds flat, single, or dual slopes
- Increase productivity
- Fewer work comp injuries
- Minimal physical effort
- Remote grade adjustment
- Vibrator soft start
- Quick disconnect head assembly
- Advanced laser system improve FL numbers
- Full-featured control panel for easily manipulated
- Anti-skid tyre puncture for long life serve

## Concrete Leveling Screed

### CLS-RS260



### TECHNICAL SPECIFICATION

Model	CLS-RP260	CLS-RS260
Engine Type	Honda GX690	Honda GX690
Power kw(hp)	16.5(22.1)	16.5(22.1)
Weight kg(lbs)	968(2130)	808(1778)
Oil Tank Capacity L	45	20
Screed Head Width (mm)	2510	2510
Travelling Speed(km/h)	0-50	0-50
Exciting Force(N)	3000-5000	2000
Leveling System	Screed head fixed	Screed head fixed
Self Propel	Standard	Standard
Electric Starter	Standard	Standard
Auto Level	Standard	Standard
Laser System	German MOBA+Leica	German MOBA+Leica
Drive Unit	hydraulic motor	hydraulic motor
Main Pump	French POCLAIN HYDRAULICS axial piston pump	French POCLAIN HYDRAULICS axial piston pump
Master Valve	US HYDRAFORCE main control valve	US HYDRAFORCE main control valve
Vibration Control System	High speed and small torque motor	High speed and small torque motor

# Concrete Leveling Screed CLS-260E Series

Power configuration: Honda's high-quality engine and generator set from Japan provide strong power.  
 Vibration control: The high-speed low torque vibration motor provides stable excitation force and uniform paving effect.  
 Laser system: Japan imported Topcon transmitter, Switzerland imported Leica receiver, imported laser control system, supports flat, slope, and double slope.  
 Drive control: International brand high-performance servo drive motor, supports manual start, intelligent adjustment knob continuously variable speed control for walking speed, supports manual lifting of tail wheel.  
 Customized tires: We offer two types of customized tires: 80/100 × 21 and 680 × 260-16.  
 Electrical control: internationally renowned brand PLC programmable intelligent control, intelligent automatic locking protection function.  
 Independent suspension: The independent leveling head can swing and balance itself, improving construction stability and safety.

**E Series**  
 High-speed and small torque motor controlled vibration system



## FEATURES

- Screeds flat, single, or dual slopes
- Increase productivity
- Fewer work comp injuries
- Minimal physical effort
- Remote grade adjustment
- Vibrator soft start
- Quick disconnect head assembly
- Advanced laser system improve FL numbers
- Full-featured control panel for easily manipulated
- Anti-skid tyre puncture for long life serve

## TECHNICAL SPECIFICATION

Model	CLS-P260E	CLS-S260E	CLS-E260E/L260E
Engine Type	Honda Generator	Honda Generator	Honda Generator
Power kw(hp)	4.8/6.5	4.8/6.5	4.8/6.5
Weight kg(lbs)	345(760)	345(760)	355(782)/331(729)
Oil Tank Capacity L	18	18	18
Screed Head Width mm	2600	2600	2600
Self Propel	Standard	Standard	Standard
Auto Level	Standard	Standard	Standard
Laser System	German MOBA+Leica	US Danfoss + Leica	Japanese Topcon
Drive Unit	Mitsubishi HF-SP series servo motor	Mitsubishi HF-SP series servo motor	High performance servo motor
Electric Control System	Mitsubishi FX3U series PLC	Mitsubishi FX3U series PLC	PLC System
Vibration Control System	High speed and small torque motor	High speed and small torque motor	High speed and small torque motor



# RIDE-ON POWER TROWEL SERIES

Establishing a new benchmark for  
quality construction

CONCRETE  
TECHNOLOGY



Strong power

Stable structure

Precise adjustment

High quality and efficiency

## Fully Hydraulic Ride-on Power Trowel

### CRTN1260

High-power German Hatz engine



## Fully Hydraulic Ride-on Power Trowel

### CRTN1248

High-power Japanese Kubota engine



## FEATURES

- Series-integrated design
- French-imported Poclair hydraulic system
- Manual and cruise control operation modes
- Hydraulic adjustment for blade lifting
- Integrated multifunctional LCD
- 360-degree LED lighting with adjustable front and rear seats
- Lithium electric transport vehicle with enhanced driving capabilities
- High-strength monolithic frame compatible with hydraulic oil tanks

## TECHNICAL SPECIFICATION

Model	CRTN1260	CRTN1248
Engine Type	Hatz Diesel Engine	Kubota Diesel Engine
Power kw(hp)	55.4(74.3)	48.6(65.2)
Weight kg(lbs)	1380(3036)	994(2187)
Blade Speed rpm	0-145	0-165
Working Dia.mm	3048	2420
Blade Size	8"x23"	6"x18"/8"x18"
Pan Diameter (mm)	1524	1210

## Hydraulic Ride-on Power Trowel

### CRTN1046

Designed to satisfy the most demanding concrete contractors, they're also one of the most dependable. With ideal weight to horsepower ratios and hydraulic components, these riders ensure a peak performance every time.



## Ride-on Power Trowel

### CRTN846



Trolley Wheel for easy transportation



## FEATURES

- Heavy-duty hydraulic motors and rotors, made in Italy, carry the load with more control and power.
- High-horsepower, dependable petrol for maximum power and performance.
- 5-bladed spider for uniform blade and pan coverage.
- Raised foot pedals for comfort.
- Hydraulic fluid reservoir inside frame.
- Temperature controlled advanced cooling system.
- Hour meter, voltage meter and hydraulic pressure gauge all in one location.
- Super-duty cast iron spiders with super-duty steel trowel arms.
- Independent hydraulic joystick steering and manual pitch control.
- High speed for superior finishing.
- Heavy duty gearboxes for long life and low maintenance.
- Flip-up end rings facilitate efficient blade changes.
- Flip-up seat reveals a sturdy lifting bale for easy of transport and to facilitate engine maintenance.
- Adjustable operator's seat for greater comfort.
- Standard light kit to improve visibility in poorly lit conditions.

## TECHNICAL SPECIFICATION

Model	CRTN1046	CRTN846
Engine Type	Vanguard Petrol Engine	Vanguard Petrol Engine
Power kw(hp)	25.8(35.0)	25.8(35.0)
Weight kg(lbs)	613(1349)	469(1032)
Blade Speed rpm	70-150	70-150
Working Dia.mm	2340	2340
Blade Size	6"x18"/8"x18"	6"x18"/8"x18"
Pan Diameter (mm)	1170	1170

New design

## Ride-on Power Trowel

### CRTN836

Engineered to meet the demands of the professional contractor for a lightweight, high production machine with easy maintenance characteristics.



## FEATURES

- Over-built cast aluminum gearbox assures long service life
- Heavy-weight design to assure a superior finish
- Heavy-duty bronze worm gear for extra long-life
- Perfectly balanced design for easy and comfortable operation
- Height adjustable handle, assures operator comfort & easy control
- Lifting tube as standard feature allows trowel to be transported on the job-site with only two people
- Dead-man switch, shuts the engine down in the event of the operator losing control of the unit
- Twist knob control ensures precise blade adjustment
- Safety designed guard ring assures the safety for the people
- Stabilizer Ring reduces blade chatter.
- Optional Blue blade is with stronger material than standard blades and, combined with its ability of flex slightly, performance is
- Improved and blade life prolonged.
- Optional plastic blade leaves no burnish marks on the floor.
- Independent hydraulic joystick steering and manual pitch control.

## Hydraulic Ride-on Power Trowel

### CRTH836

## TECHNICAL SPECIFICATION

Model	CRTN836	CRTH836
Engine Type	Honda GX690	Honda GX690
Power kw(hp)	16.5(22.1)	16.5(22.1)
Weight kg(lbs)	345(759)	382(840)
Blade Speed rpm	70-150	70-150
Working Dia.mm	1940	1940
Blade Size	6"x14"/8"x14"	6"x14"/8"x14"
Pan Diameter (mm)	970	970



## Ride-on Power Trowel

# CRTS836

Engineered to meet the demands of the professional contractor for a lightweight.  
High production machine with easy maintenance characteristics.



Trolley Wheel for easy transportation



## FEATURES

- Twin stick, multi-directional steering system provides precision control and full maneuverability
- Dual mode non overlapping blades provide a consistently smooth finish while clip-on float discs or disc pan floats can be attached for superior float operations
- Precision machined, tight tolerance spider plate assemblies provide exceptional balance and long life High speed for superior finishing
- Heavy duty gearboxes for long life and low maintenance
- Flip-up end rings facilitate efficient blade changes.
- Flip-up seat reveals a sturdy lifting bale for ease of transport and to facilitate engine maintenance
- Adjustable operator's seat for greater comfort
- Standard light kit to improve visibility in poorly lit conditions

## Ride-on Power Trowel

# CRTE836



## TECHNICAL SPECIFICATION

Model	CRTS836	CRTE836
Engine Type	Honda GX690	Honda GX690
Power kw(hp)	16.5(22.1)	16.5(22.1)
Weight kg(lbs)	340(748)	340(748)
Blade Speed rpm	70-150	70-150
Working Dia.mm	1940	1940
Blade Size	6"x14"/8"x14"	6"x14"/8"x14"
Pan Diameter (mm)	970	970

## Ride-on Power Trowel

# CRTN830

### TECHNICAL SPECIFICATION

Model	CRTN830
Engine Type	Vanguard Petrol Engine
Power kw(hp)	10.4(14.0)
Weight kg(lbs)	232(510)
Blade Speed rpm	70-150
Working Dia.mm	1580
Blade Size	6"x10.5"
Pan Diameter (mm)	790



Our smallest rider CRTN830 for tight spots and smaller jobs.

### Continuously Variable Transmission



- 1 Actual Renderings
- 2 Working Principle Diagram

Power is transmitted to the rotors by continuously variable transmission (CVT) that adjusts the drive ratio to obtain optimum torque and speed during all phases of concrete finishing.

#### Notes

CVT clutch is available on

- CT436
- CT446
- CRTC836
- CRTH836
- CRTC846
- CRTC1046



# WALK-BEHIND POWER TROWEL SERIES

Creating a new level of  
flexible construction



Smooth operation

Simple and easy to control

Flexible operation

Widely applicable

## Walk-behind Power Trowel

### CT446

Engineered for the concrete professional, designed to produce high tolerance concrete floors with high-quality features. With high quality, attention to details, our trowels will provide high performance and service for long time.



### FEATURES

- Over-built cast aluminum gearbox assures long service life
- Heavy-weight design to assure a superior finish
- Heavy-duty bronze worm gear for extra long-life
- Perfectly balanced design for easy and comfortable operation
- Height adjustable handle, assures operator comfort & easy control
- Lifting tube as standard feature allows trowel to be transported on the job-site with only two people
- Dead-man switch, shuts the engine down in the event of the operator losing control of the unit
- Twist knob control ensures precise blade adjustment
- Safety designed guard ring assures the safety for the people
- Stabilizer Ring reduces blade chatter.
- Optional Blue blade is with stronger material than standard blades and, combined with its ability of flex slightly, performance is improved and blade life prolonged.
- Optional plastic blade leaves no burnish marks on the floor.

### TECHNICAL SPECIFICATION

Model	CT446-2	CT446-4	CT436-2	CT436-4
Engine Type	Chinese Petrol Engine	Honda GX270	Chinese Petrol Engine	Honda GX160
Power kw(hp)	6.6(9.0)	6.6(9.0)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	100(220)	100(220)	81(178)	80(176)
Blade Speed rpm	70-145	70-145	70-150	70-150
Rotor Dia.cm(in)	116(46)	116(46)	92(36)	92(36)

## Walk-behind Power Trowel

### CT436



### OPTION

- 1/ Lifting Hook
- 2/ Long Handle
- 3/ Trolley Wheel



### Lifting Hook

Lifting tube as standard feature allows trowel to be transported on the job-site with only two people.

### Long Handle



### Trolley Wheel Lifting Hook

## Walk-behind Power Trowel

### CTP436

Fast Pitch Control: Lever action blade pitch control that provides easy adjustment with the push or pull of one lever.

#### FEATURES

- Over-built cast aluminum gearbox assures long service life
- Heavy-weight design to assure a superior finish
- Heavy-duty bronze worm gear for extra long-life
- Perfectly balanced design for easy and comfortable operation
- Height adjustable handle, assures operator comfort & easy control
- Lifting tube as standard feature allows trowel to be transported on the job-site with only two people
- Dead-man switch, shuts the engine down in the event of the operator losing control of the unit
- Twist knob control ensures precise blade adjustment
- Safety designed guard ring assures the safety for the people
- Stabilizer Ring reduces blade chatter.
- Dotional Blue blade is with stronger material than standard blades and, combined with its ability of flex slightly, performance is improved and blade life prolonged.
- Optional plastic blade leaves no burnish marks on the floor.



## Walk-behind Power Trowel

### CTS436



Special folded guard ring design for edging work.



Customizable >

#### TECHNICAL SPECIFICATION

Model	CTP436-2	CTP436-4	CTS436-2	CTS436-4
Engine Type	Chinese Petrol Engine	Honda GX200	Chinese Petrol Engine	Honda GX200
Power kw(hp)	4.8(6.5)	4.8(6.5)	4.8(6.5)	4.8(6.5)
Weight kg(lbs)	88(194)	88(194)	93(205)	92(203)
Blade Speed rpm	70-160	70-160	70-160	70-160
Rotor Dia.cm(in)	92(36)	92(36)	92(36)	92(36)

## Edging Power Trowel

### CT430

Ideal for troweling edge areas, around pillars and for smaller surfaces. Designed for the tightest edge-to-edge performance and take anywhere transport capability with fold-up



### Features

- Independent rotating flywheel, allowing operation in tight corners and in confined spaces.
- Foldable handle easy for transportation and storage.
- Over-built gearbox assures long service life.
- Heavy-weight design to assure a superior finish.
- Height adjustable handle, assures operator comfort & easy control.
- Dead-man switch, shuts the engine down in the event of the operator losing control of the people.
- Twist knob control ensures precise blade adjustment.
- Lifting hook for easy transport as standard.
- Closed design of guard ensures safety operation.
- Optional Blue blade is with stronger material than standard blades and, combined with its ability of flex slightly, performance is improved and blade life prolonged.
- Optional plastic blade leaves no burnish marks on the floor.

### TECHNICAL SPECIFICATION

Model	CT430-2	CT430-4	CT424-2	CT424-4
Engine Type	Chinese Petrol Engine	Honda GX160	Chinese Petrol Engine	Honda GX160
Power kw(hp)	4.8(6.5)	4.0(5.5)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	76(167)	75(165)	60(131)	59(130)
Blade Speed rpm	70-150	70-150	70-150	70-150
Rotor Dia.cm(in)	79(30)	79(30)	60(24)	60(24)

## Edging Power Trowel

### CT424/CTE424



Foldable handle easy for transportation and storage. Lifting hook for easy transport as standard.



# Blades & Pans

We offer a complete line of finishing blade, combination blade, super-blue blade, plastic blade and float pan for edge, walk-behind or ride-on power trowel. All blades can fit most other brands of power trowels.

## Steel blade

Standard finishing blade, combination blade and clip-on shoe give maximum flex to ensure a smooth, chatter-free finish. For use on walk-behind and ride-on power trowels.



FINISHING BLADE

COMBINATION BLADE

CLIP-ON SHOE

## Super-blue blade

Designed to provide a perfect balance between longer blade life and maximum operating smoothness with the versatility to be used on both ride-on and walk-behind power trowels.

Stronger than ordinary blades and, combined with its ability to flex slightly, performance is improved and blade life prolonged.



## Plastic blade

Designed to eliminate the risk of leaving burnish marks on concrete or epoxy while providing a hard polished finish. Blade life comparable to steel blades.

Available in finish and combination blade styles.



## Float pan

Float pans help achieve flatter floors and increase production. Allows operators to wait longer before getting on the slab. Heavy-duty mig-welded steel z-clips. Cover a larger area than with float blades.



## Polishing Disc

Special for CT436&CRT836 Series, other size can be available.



## TECHNICAL SPECIFICATION

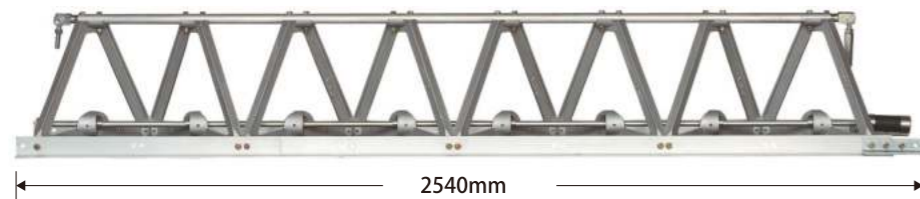
	Standard	Super-blue	Plastic	Thickness mm	Dimension	Correspondent to
Finishing Blade	CFB061016	/	/	1.6	6"x 10.5"	CRT830 Series
	CFB061020	SFB061020	/	2.0		
	CFB061416	/	/	1.6	6"x14"	CT436/CRT836 Series
	CFB061420	SFB061420	/	2.0		
	CFB061816	/	/	1.6		
	CFB061820	SFB061820	/	2.0	6"x 18"	CT446/CRT846/CRT1046/CRT1248 Series
	CFB082316	/	/	1.6		
CFB082320	SFB082320	/	2.0	8"x 23"	CRT1260 Series	
Combination Blade	CCB0409	SCB0409	PCB0409	1.5/2.0/10.0	4.75"x9"	CT424 Series
	CCB0610	SCB0610	PCB0610	2.0/2.0/10.0	6"x 10.5"	CT430/CRT830 Series
	CCB0814	SCB0814	PCB0814	2.0/2.0/10.0	8"x 14"	CT436/CRT836 Series
	CCB0818	SCB0818	PCB0818	2.0/2.0/10.0	8"x 18"	CT446/CRT846/CRT1046 /CRT1248 Series
Clip-on Blade	CFS1014	/	/	3.0	10"x14"	CT436/CRT836 Series
	CFS1018	/	/	3.0	10"x18"	CT446/CRT846/CRT1046 /CRT1248 Series
Float Pan	CFP025	/	/	2.0	25"	CT424 Series
	CFP031	/	/	2.5	31"	CT430 Series
	CFP031R	/	/	2.5	31"	CRT830 Series
	CFP037	/	/	2.8	37"	CT436 Series
	CFP037R	/	/	2.8	37"	CRT836 Series
	CFP047	/	/	3.0	47"	CT446 Series
	CFP046R	/	/	3.0	46"	CRT1046 Series
	CFP048R	/	/	3.0	48"	CRT1248 Series
	CFP060R	/	/	3.0	60"	CRT1260 Series

# Vibratory Truss Screed CTS200

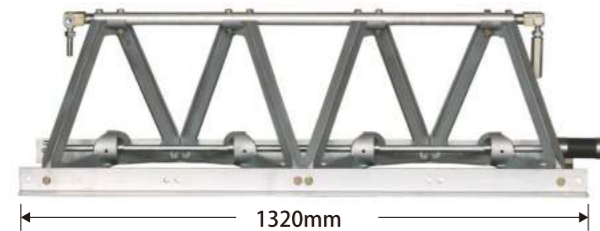
Vibratory Truss Screed is the contractor's preferred machine when high tolerance FL Numbers are specified on concrete floors and pavements. Our Truss Screeds have set the industry's standard for precision levelness, rigidity and durability.



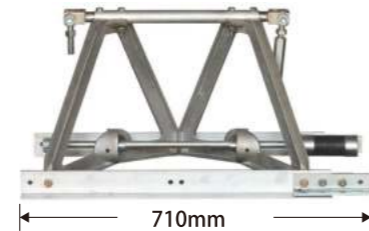
Net weight: 40kg



Net weight: 20kg



Net weight: 11.5kg



## Features

- Lightweight, high strength aluminum truss screed
- Fast connect system for easy assembly without special tools
- Triangular Frame with Vibration Proof Welds
- Replaceable, Greaseable Bearings

## TECHNICAL SPECIFICATION

Model	CTS200
Engine Type	Honda GX270
Power kw(hp)	6.6(9.0)
Drive	Manual Winches
Max. Width m(ft)	12(39)
Max. Vibration Thickness mm(in)	200(8)
Section Width m(ft)	2.54(8.3)/1.32(4.3)/0.71(2.3)

# Surface Finishing Screed CSD/CSDE

Lightweight engineered, easy to transport and operate.  
Fast and easy to use, with powerful Honda engine, provides uniform vibration over the entire blade length and enhances concrete compaction. High frequency vibration disperses and levels concrete without build-up.



## FEATURES

- Specially design, hardened aluminum blade ensuring a smoother finish than conventional screeds.
- Ergonomically designed and 360°adjustable handles with comfortable grips.
- Heavy rubber mounts to reduce the vibration level on the handle.
- The rounded ends of the blade make it easy to go around obstacles.
- The tilt-up stand keeps the engine out of concrete or off the ground obstacles.
- One piece casting body easy connect to engine.
- Emergency stop switch available.
- 7 different working widths: 4ft/1.2m, 6ft/1.8m, 8ft/2.4m, 10ft/3.0m, 12ft/3.7m, 14ft/4.3m, 16ft/4.9m
- Easily changed blades.

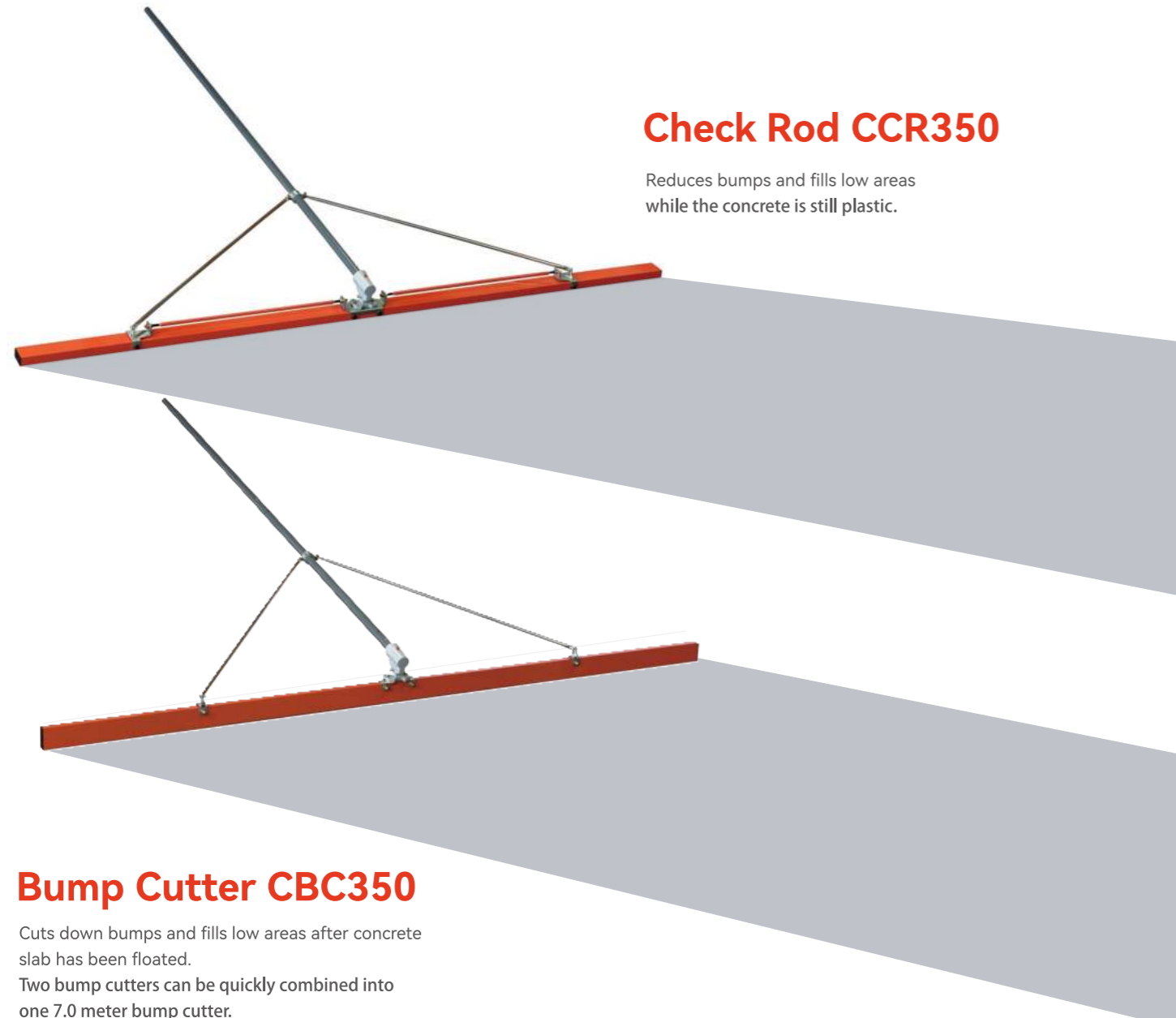
## TECHNICAL SPECIFICATION

Model	CSD-2	CSD-4
Engine Type	Chinese Petrol Engine	Honda GX35
Power kw(hp)	1.4(1.9)	1.2(1.6)
Weight kg(lbs)	16.3(35.9)	16.5(36.3)

Blade Model	CSDB4	CSDB6	CSDB8	CSDB10	CSDB12	CSDB14	CSDB16
Blade Size m(ft)	1.2(4)	1.8(6)	2.4(8)	3.0(10)	3.7(12)	4.3(14)	4.9(16)
Weight kg(lbs)	2.9(6.4)	4.4(9.6)	5.8(12.8)	7.3(16)	8.7(19.2)	10.2(22.4)	11.6(25.6)

# Hand Tools

Checked to exact flatness tolerances, our extruded aluminum Hand Tools are specifically designed to improve floor or pavement levelness. Each tool comes standard with three 6'(1.8 m) clip together aluminum handles.



## Check Rod CCR350

Reduces bumps and fills low areas while the concrete is still plastic.

## Bump Cutter CBC350

Cuts down bumps and fills low areas after concrete slab has been floated. Two bump cutters can be quickly combined into one 7.0 meter bump cutter.

### TECHNICAL SPECIFICATION

Model	CCR350	CBC350
Blade Length m(ft)	3.5(11.5)	3.5(11.5)
Handle Length m(ft)	7.2(24)to 10.8(36)	7.2(24)to 10.8(36)



## Bullfloat CB Series

The tilt of the blade is adjustable and controlled by twisting the handle. This enables the operator to change the tilt of the blade (continuously if required) to achieve the optimum finish to the concrete. If the blade lies flat on the slab it leaves a rough finish but will close and fill holes. When the blade is tilted on an angle a smoother finish will result. There is no need to raise or lower the handle, simply twist it for best results.

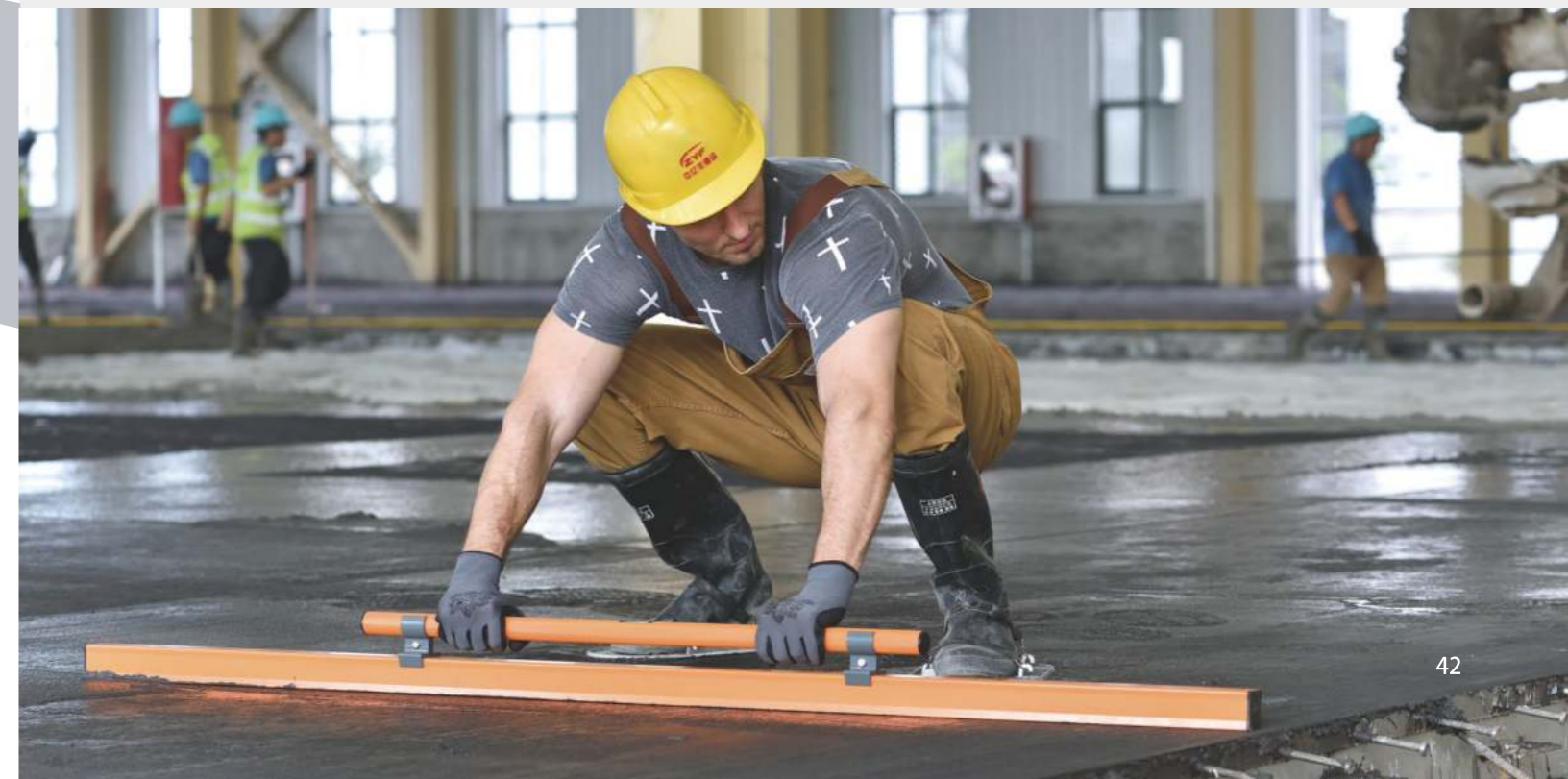
## Bullfloat With Brush

Aluminium brooms are made with high quality nylon bristles and are fitted with a 360 degree adjustable bracket

## Clamped Handle Screed CS Series

### Features

- Clamp on style handle which may be reversed to the working face for second use.
- Fitted with end plugs as well as powder coated for easy clean up.
- 1.2m, 1.5m, 1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.5m, 4.8m can be provided.



# Vibrator Poker CVP Series

## Submersible Pump CSP Series

CONMEC vibrator pokers, using the pendulum principle, 3000rpm of the drive unit translates via the flexible shaft into 12000 vibrations per minute in the poker head. The low output speed ensures high reliability and extended service life, can be used with electrical motor and powerful engines.



Concrete Vibrator Drive Unit-Powerful Engines  
**CCV Series**

Vibrator Poker  
**CVP Series**

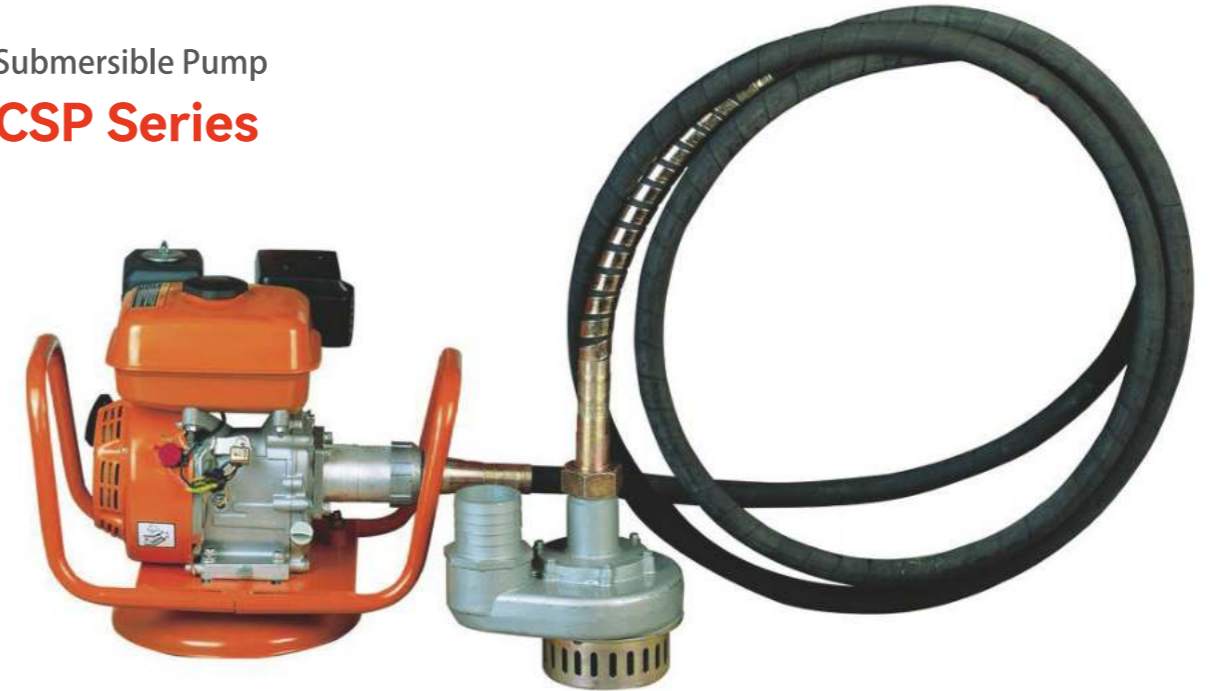
### TECHNICAL SPECIFICATION

Model	CCVR-1/CCVS-1	CCVR-2/CCVS-2	CCVR-4/CCVS-4
Engine Type	Chinese Diesel Engine	Chinese Petrol Engine	Honda GX160
Power kw(hp)	3.2(4.2)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	32(70)	20(44)	20(44)

Model	CVP32	CVP38	CVP45	CVP50
Vibrator Head Dia.*Length mm	32*583	38*583	45*583	50*583
Vibrator Amplitude mm	0.82	1.20	1.20	1.20
Frequency Hz	220	200	200	200
Dia.Of Flexible Hose mm	30	30	32	36
Dia. Of Flexible Shaft mm	10	10	12	12
Net Weight with 6m Hose kg	15.0	15.6	18.6	20.2

Our pump is compact with aluminum casting body and can be used with ease even in areas without access to power supply. The high performance pump is designed to offer trouble free operation.

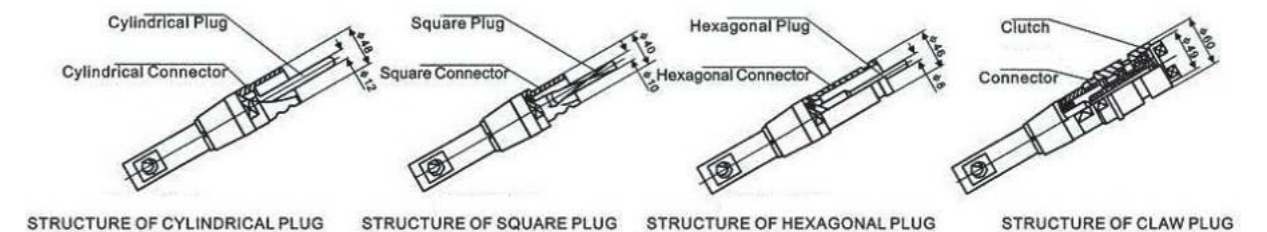
Submersible Pump  
**CSP Series**



### TECHNICAL SPECIFICATION

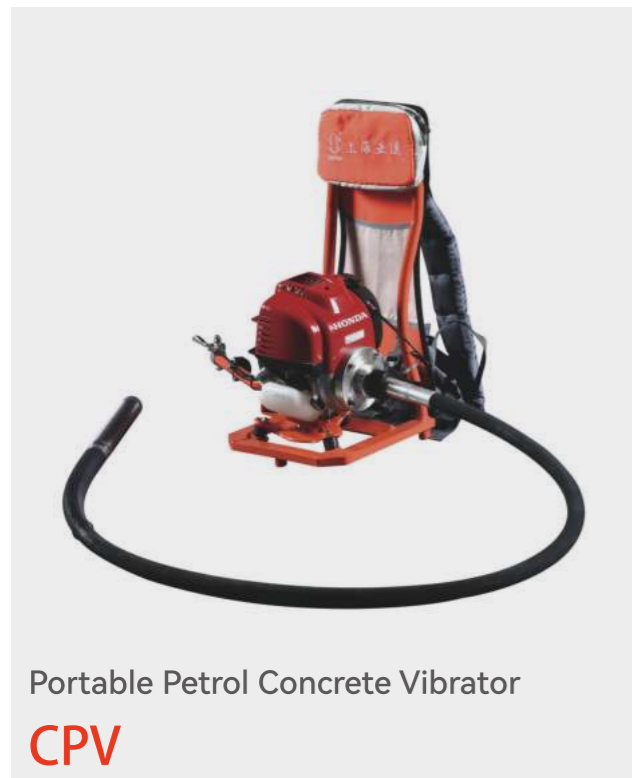
Model	CSP2	CSP3
Discharge Dia.mm(in)	50(2)	75(3)
Max. lift m(ft)	15(49)	18(59)
Max.Capacity l/hr	1000	1300
Weight w/o Engine kg(lbs)	20(44)	21(46)

### Vibrator Coupling Unit



# Concrete Vibrator CPV Series

Our portable petrol concrete vibrator with Honda GX35 allows operators vibrating concrete around the site with an ease to use unit. No need for electricity supply or separate drive unit.  
All vibrator poker CVP Series can be used with this drive unit.



## TECHNICAL SPECIFICATION

Model	CPV
Engine Type	Honda GX35
Power kw(hp)	1.2(1.6)
Flexible Shaft Length m	1.5/2.0/2.5
Vibrator Head Diameter mm	42

## NOISE ALERTS



Rotate speed (r/min)	8000	9400	10000
Noise(dB)	90	94	95

**Test conditions:** Indoor field, no obstructed objects within 4 meters around. The decibel meter is 3.5 meters away from the measured sound source and 1 meter from the ground.

# Scarifying Machine

Scarifying Machine

## CSC200/CSC250 Series

### FEATURES

- Cutting depth adjustment
- Front mounting lifting handle makes easy transport
- Anti-vibration mounts makes comfortable operation
- Power coated finish
- Dust control outlet
- Easy-control engine stop switch
- 3/4" hexagonal drive shaft and sealed quality bearing ensure longer life



## TECHNICAL SPECIFICATION

Model	CSC200E	CSC200-2	CSC200-4
Engine Type	Electric Motor	Chinese Petrol Engine	Honda GX160
Power kw(hp)	4.0(5.5)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	116(255)	109(240)	109(240)
Working Width mm(in)		200(8)	

Model	CSC250E	CSC250-2	CSC250-4
Engine Type	Electric Motor	Chinese Petrol Engine	Honda GX270
Power kw(hp)	5.5(7.5)	6.6(9.0)	6.6(9.0)
Weight kg(lbs)	158(348)	136(299)	132(290)
Working Width mm(in)		250(10)	

# Concrete Cutter

## CC120/CC140/CC180/CC220/CC260 Series

Conmec flat saws are reliable, productive machines ranging from small and agile to big and powerful. Designed to secure maximum performance with a minimum of strain. All our flat saws provide class-leading power and torque at the bladeshaft, which means greater productivity when deep sawing.



Concrete Cutter  
CC220

## Special Design for Professional Floor Cutting

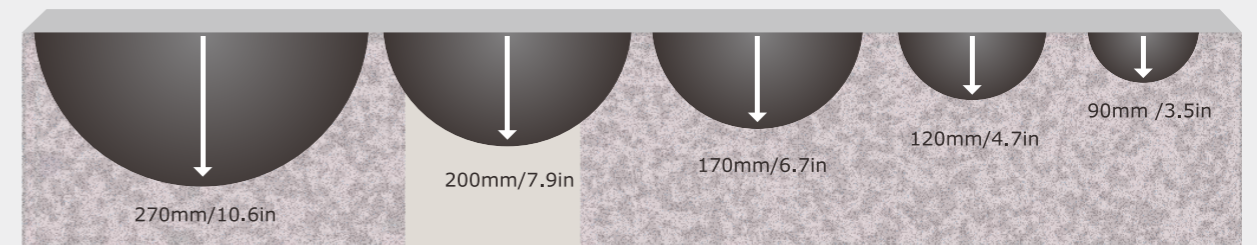
- 70% reduction in vibration
- More precise on the guide rod
- Blade guard enlarges the perspective range
- The engine adopts nano cyclone air filter



### FEATURES

- Super-rigid box frame ensures straight cuts while resisting warping and vibration--prolongs saw life; extends blade life
- Ergonomically designed, height adjustable handles with comfortable grips
- Easy crank for raising/lowering cutting depth
- Hinged front, lift-up blade guard is designed to provide easy blade replacement
- Rustless water tank provides an optimum flow and volume of water to the blade
- Double water pipe for cooling both sides of blade
- Semi-self propelling for large model CC220,CC260

### MAX CUTTING DEPTH in(mm)



## TECHNICAL SPECIFICATION



Model	CC120-1	CC120-2	CC120-4
Engine Type	Chiese Diesel Engine	Chinese Petrol Engine	Honda GX160
Power kw(hp)	3.1(4.2)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	62(136)	53(117)	52(114)
Max. Cutting Depth cm	9		
Blade Size cm	25-30		
Depth Adjustment	Handle Rotation		
Driving	Manual Push		
Water Tank Capacity L	16		



Model	CC140-1	CC140-2	CC140-4
Engine Type	Chiese Diesel Engine	Chinese Petrol Engine	Honda GX270
Power kw(hp)	6.6(9.0)	6.6(9.0)	6.6(9.0)
Weight kg(lbs)	109(240)	91(200)	87(191)
Max. Cutting Depth cm	12		
Blade Size cm	30-35		
Depth Adjustment	Handle Rotation		
Driving	Manual Push		
Water Tank Capacity L	25		



Model	CC180-1	CC180-2	CC180-4
Engine Type	Chiese Diesel Engine	Chinese Petrol Engine	Honda GX390
Power kw(hp)	6.6(9.0)	9.6(13.0)	9.6(13.0)
Weight kg(lbs)	151(332)	135(297)	135(297)
Max. Cutting Depth cm	17		
Blade Size cm	30-45		
Depth Adjustment	Handle Rotation		
Driving	Manual Push		
Water Tank Capacity L	46		



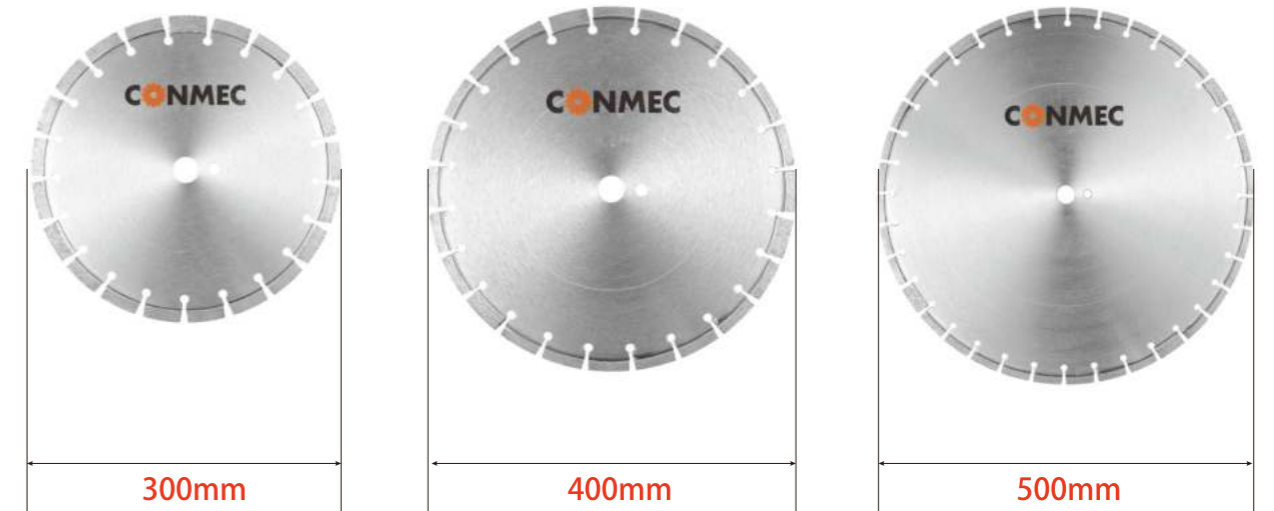
Model	CC220-1	CC220-2	CC220-4
Engine Type	Chiese Diesel Engine	Chinese Petrol Engine	Honda GX390
Power kw(hp)	6.6(9.0)	9.6(13.0)	9.6(13.0)
Weight kg(lbs)	161(354)	145(319)	145(319)
Max. Cutting Depth cm	20		
Blade Size cm	35-50		
Depth Adjustment	Handle Rotation		
Driving	Semi-self Propelled		
Water Tank Capacity L	46		



Model	CC260-1	CC260-2	CC260-4
Engine Type	Chiese Diesel Engine	Chinese Petrol Engine	Honda GX690
Power kw(hp)	12(16.5)	13.4(17.8)	16.5(22.1)
Weight kg(lbs)	256(563)	234(515)	235(517)
Max. Cutting Depth cm	27		
Blade Size cm	35-65		
Depth Adjustment	Handle Rotation		
Driving	Semi-self Propelled		
Water Tank Capacity L	46		

## Diamond Blades

We offer a wide range of blades for aspects of concrete cutter requirements. Details on request.



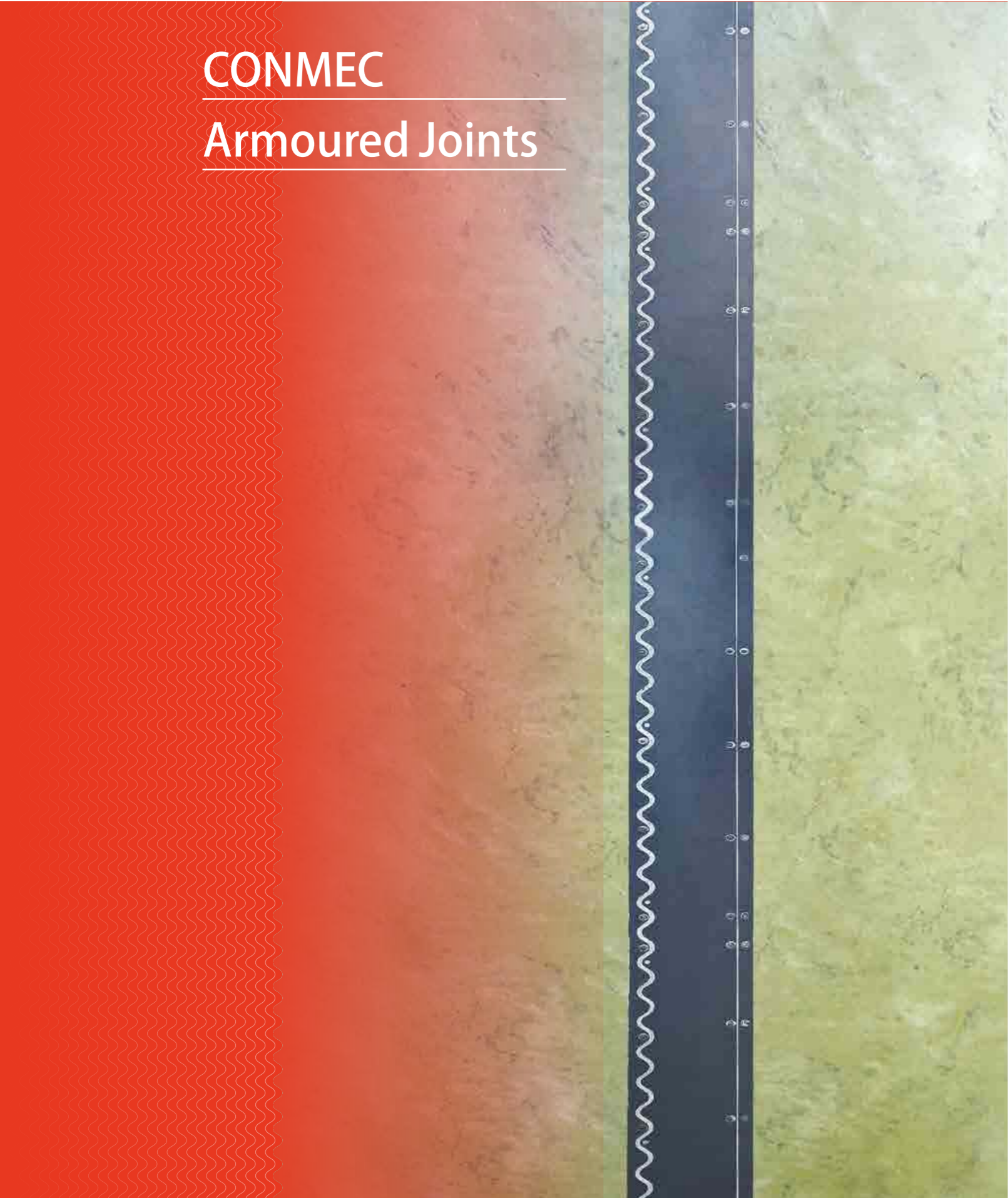
## Block Splitter CBS32/42



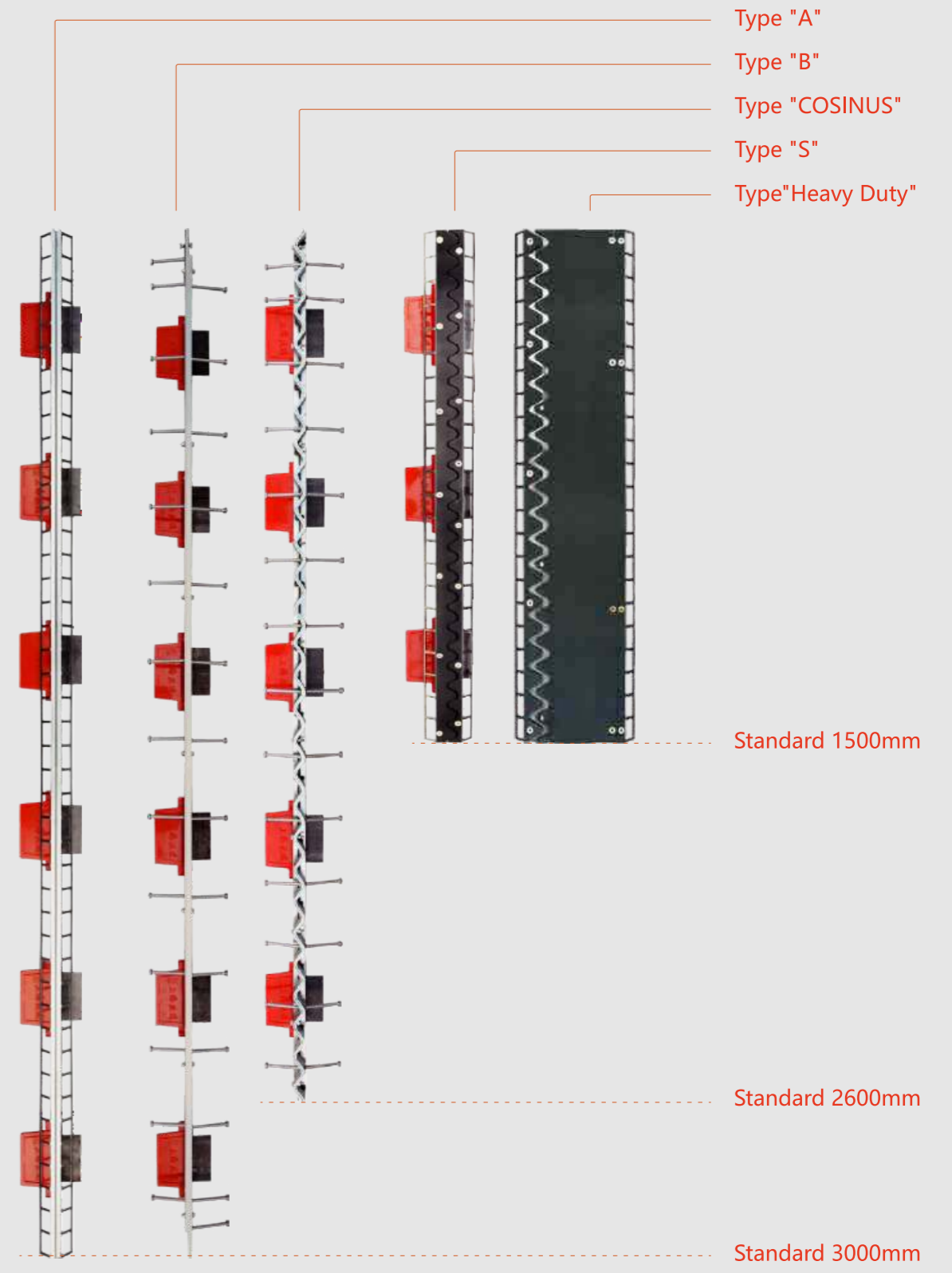
## TECHNICAL SPECIFICATION

Model	CBS32	CBS42
Blade Length cm(in)	32(12.5)	42(16.5)
Max. Cutting Height cm(in)	14(5.5)	14(5.5)
Drive	Manual	Manual

# CONMEC Armoured Joints



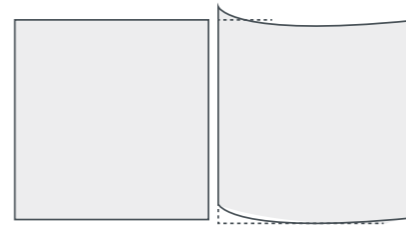
## CONMEC Armoured Joints Series



## Armoured Joints System

### Conventional floor construction involves three types of joints:

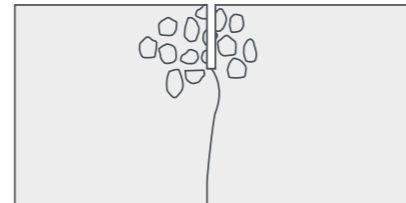
1. Isolation joints (used for separating concrete from building structures such as walls, columns, and equipment piers).
2. Cutting joints (the concrete cutters produced by Yayao meets the needs of floor construction companies for cutting joints).
3. Construction joints or compartment joints (it is recommended to use armor joints for compartment separation and isolation).



No force transfer plate/rod causing misalignment and warping.

### Why are construction joints more prone to damage?

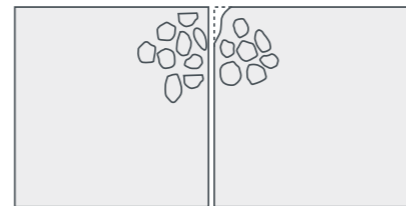
1. Two sections are prone to misalignment, warping, and edge collapse.
2. After the construction joint is opened, the aggregate sinks due to vibration and compaction, and the edge strength is not strong, making it easy for the edge to collapse and be damaged.



Cutting joints

### Why use armoured Joints?

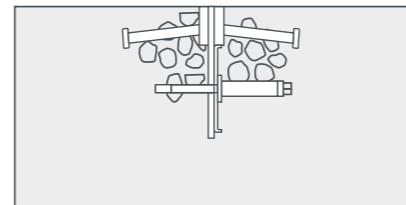
As a professional integrated manufacturer of floor construction machinery, YaYao understands that "joints" are the most critical and vulnerable part of the overall floor. If high-quality concrete flooring is damaged, the end of the concrete slab is warped, and there are situations such as staggered joints and broken edges caused by moving loads, it will seriously affect the appearance and use of the entire flooring. Metal armoured joints with load-bearing rods (plates) and edge protectors need to be used to solve these problems.



Failure to use armoured Joints resulted in edge damage

### The layout principle of floor armoured joints:

1. The armoured joints should be arranged horizontally along the load-bearing column, and the floor compartment size is recommended to be less than 30m x 30m;
2. The armoured joints should not be located within the directional main channel, but should be arranged along the channel direction. However, it can be arranged perpendicular to the channel direction and transverse to the channel direction;
3. The aspect ratio of the floor compartment blocks should be less than 1:1.5;
4. The unloading platform should be separated from the main floor by armoured joints;
5. When the armoured joints encounters structures such as columns and walls, it needs to be separated;
6. Whether it is a soil foundation bearing floor or a pile foundation bearing floor, the floor should be separated from the foundation, and the floor should be separated from the pile can by a PE sliding film: Used for fixing armoured joints, Temporary supports for joints, such as short steel bars inserted into the foundation, must be removed before pouring concrete on this side of the support;



Use armoured Joints to prevent damage to edges and corners.

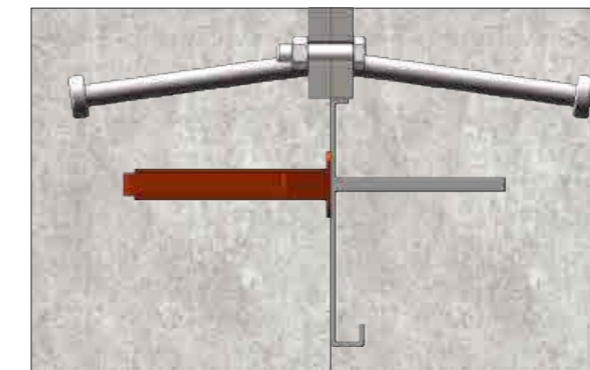
## Product Description

The CONMEC floor armoured joints are made of galvanized steel plate, high-strength transmission rod/plate, and transmission rod/plate expansion sleeve. It is formed by laser cutting continuous edge protection square holes, stamping, bending, and welding, and assembled with easily breakable plastic bolts.

The continuous square holes on both sides of the armoured joints serve as positioning and anchoring functions in the concrete after bending. Two metal edge protection horizontal surfaces are formed at the top to effectively prevent damage to the edges and corners of the seam. The armoured joints also have the function of dividing the warehouse, which can save a large amount of steel, wood form work, and labor costs required in traditional concrete construction.

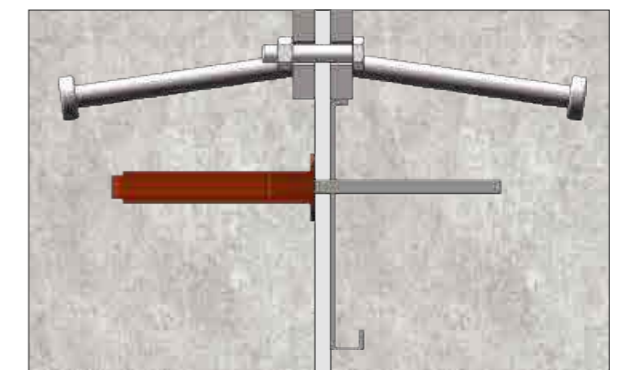
The transmission plate of the armoured joints are welded and installed on the compartment plate, placed in the middle of the concrete floor, with a spacing of 50cm between each piece. As the concrete is cured and formed, the plastic bolts are pulled apart to form metal edge shrinkage joints. As the ambient temperature changes, the force transmission rod/plate can freely expand and contract in both longitudinal and transverse directions in the force transmission expansion sleeve, fully meeting the requirements of the European Concrete Association standard TR34 (lateral movement 10mm, longitudinal movement 20mm).

### YAJ armoured joints abridged general view



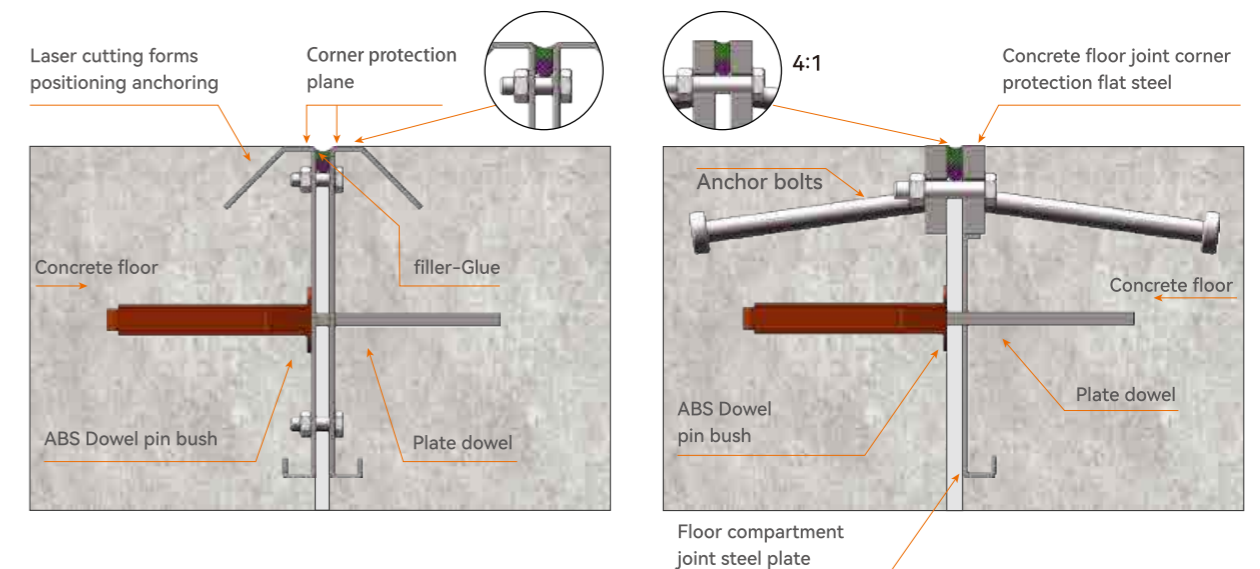
Before concrete shrinkage

shrink ← → shrink



After concrete shrinkage

### YAJ armoured joints constitution diagram



## Functional Advantages

### 1. The corner protection of the flat steel

Permanently protects the corner concrete of the expansion joints, which is not damaged by long-term rolling of vehicles.

### 2. The force transmission steel plate with sheath sleeve

Can transmit the force as a whole to ensure that the surface of the floor on both sides of the expansion joint is consistent, and is not affected by the uneven settlement of the foundation, and the floor on both sides of the expansion joint is warped.

### 3. Warehouse joint steel plate

as a permanent template during construction, which makes the construction fast, convenient, labor-saving and time-saving.

### 4. Free retractable sheath

The unique design allows the floor to expand and contract in both vertical and horizontal directions compared to traditional transmission rods and plates, avoiding cracks during use.

Armoured Joint system, used in flooring, with the same lifespan as the building; There is basically no need for maintenance in the later stage, and the maintenance cost is basically zero, So as to avoid the occurrence of downtime caused by customers repairing expansion joints during use!

## YAJ Material And Size

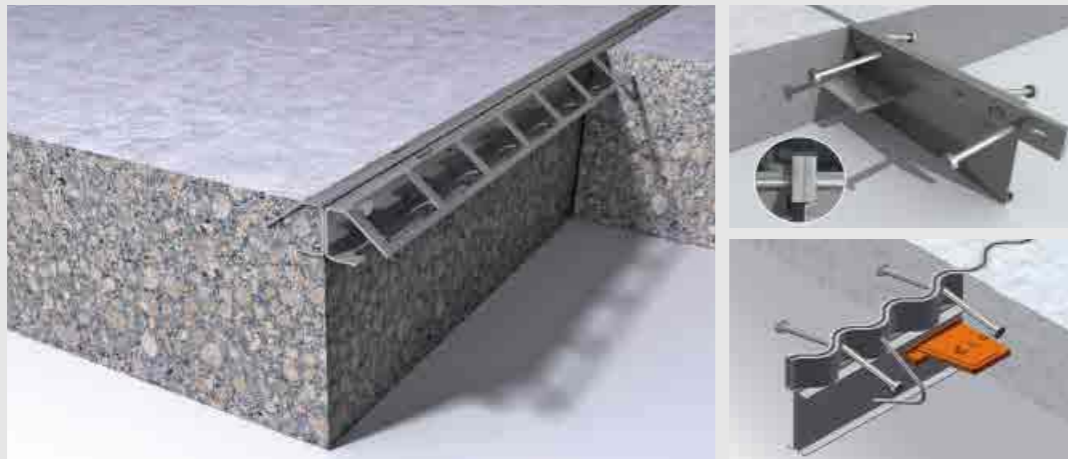
### YAJ Main types of floor expansion joint connectors (materials and standards)

Type	Material	Plate dowel	Dowel pin bush
YAJ-A type	Hot-dip galvanized (stainless steel plate)	Q355	ABS
YAJ-A Economic Type	Hot-dip galvanized (stainless steel plate)	Q355	ABS
YAJ edge protection type	Hot-dip galvanized (stainless steel plate)	/	/
YAJ-B type	Cold drawn flat steel (stainless steel plate)	Q355	ABS
YAJ-B Economic Type	Cold drawn flat steel (stainless steel plate)	Q355	ABS

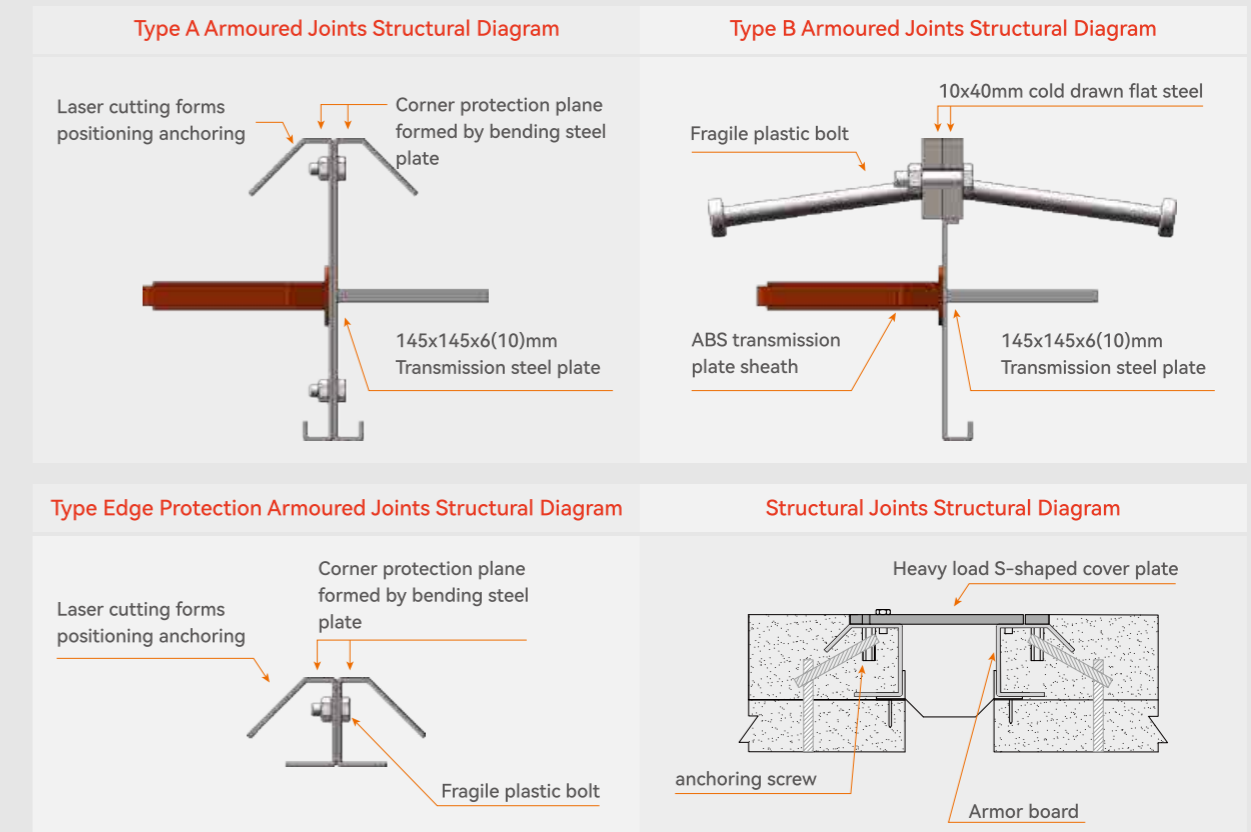
## Product Composition

The A-type armoured joints are composed of 2mm galvanized steel plate or stainless steel plate through laser hole bending, welded force transmission rod/plate telescopic sleeve, and easy-to-break plastic bolts.

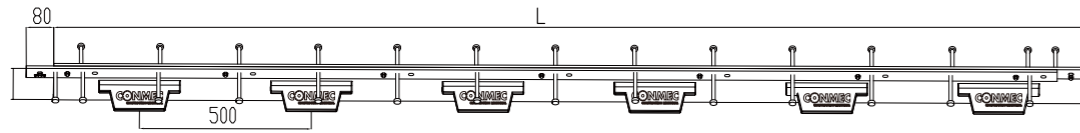
The B-type armoured joints are composed of two 10\*40mm cold-drawn flat steel, anchoring bolts, force transmission rod/plate, force transmission rod/plate expansion sleeve, material baffle plate, and easily broken plastic bolts.



## YAJ Material And Size



## Technical Specification



	Expansion joint Height (mm)	Plate Dowel Thickness (mm)	Plate Dowel Spacing (mm)	length (mm)	Correspondent to Slab Depth (mm)
YAJ-35-3000	35			3000	Edge Protection
YAJ-100-3000	100	6	500	3000	110-145
YAJ-125-3000	125	6	500	3000	135-170
YAJ-150-3000	150	6	500	3000	160-195
YAJ-180-3000	180	6	500	3000	190-225
YAJ-210-3000	210	6	500	3000	220-245
YAJ-240-3000	240	6	500	3000	250-290
YAJ-280-3000	280	6	500	3000	290-350

## Production Process



Laser cutting



Automatic welding



Automatic bending

## Accessory Connectors

### YAJ "X" Cross-Connect

	Type	Height(mm )	Width 1(mm)	Width 2(mm)
	YAJ-100	100	480	480
	YAJ-125	125		
	YAJ-150	150		
	YAJ-180	180		
	YAJ-210	210		
	YAJ-240	240		
	YAJ-280	280		

### YAJ "T" Cross-Connect

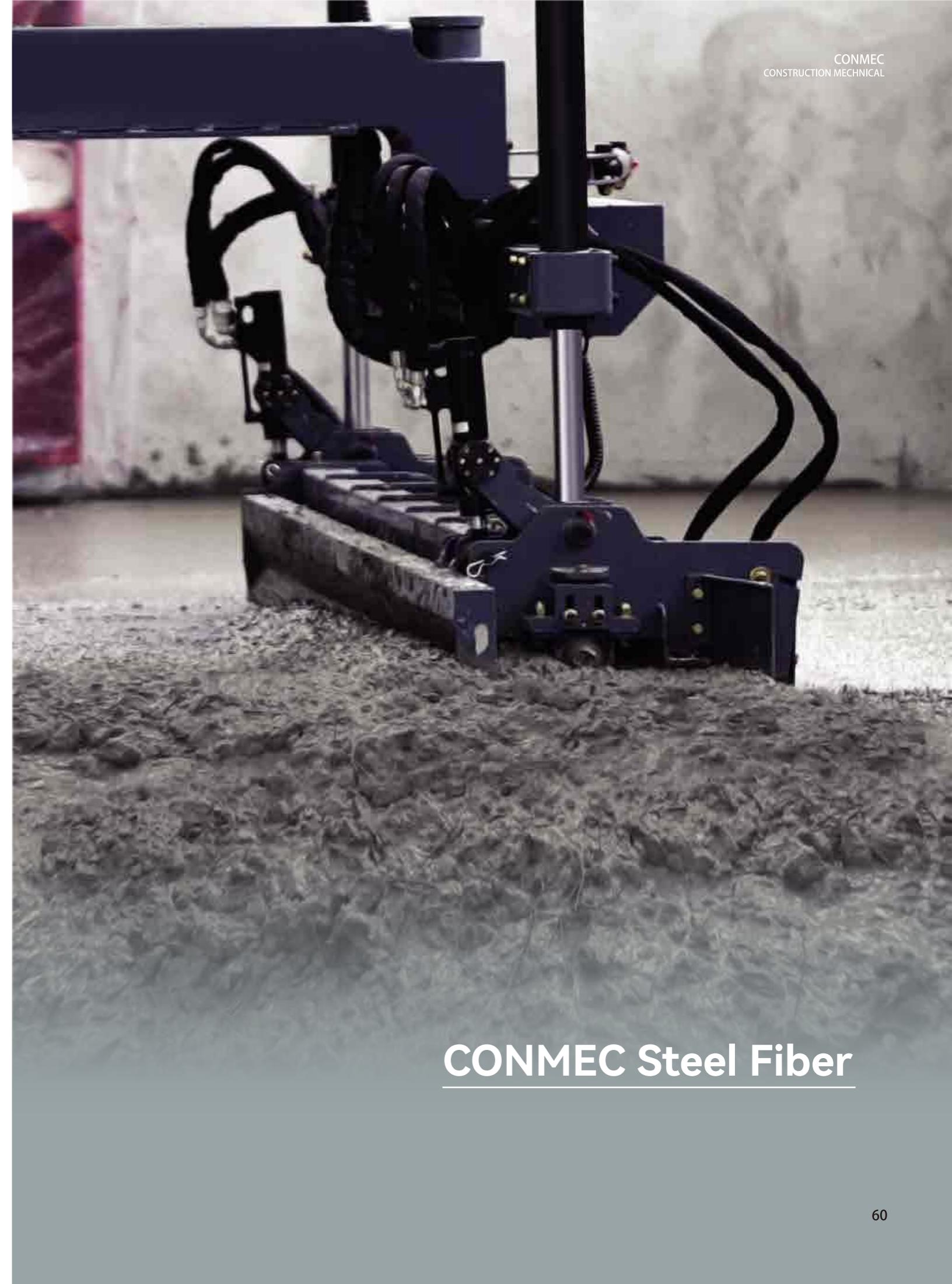
	Type	Height(mm )	Width 1(mm)	Width 2(mm)
	YAJ-100	100	240	480
	YAJ-125	125		
	YAJ-150	150		
	YAJ-180	180		
	YAJ-210	210		
	YAJ-240	240		
	YAJ-280	280		



## YAJ Type Armoured Joint Installation Steps: Installation Accuracy

When installing CMJ expansion joints, they must meet the horizontality and straightness requirements of the floor design. Use a spirit level to check during the installation process to ensure that the vertical direction is accurately vertical; the force transmission plate must be kept horizontal so that when the floor expands and contracts freely, slides freely in the plastic sheath without causing resistance. In addition, a laser or optical level must be used for level control and inspection.

- Step 1** Use nylon thread to locate the designed expansion joint position; with the assistance of the mounting bracket, use an optical level to adjust the straightness and level of the armoured joint until it reaches the design value.
- Step 2** Installation starts from the column or wall. The armoured joint can only be fixed on one side; use short threaded steelbars with a diameter of 12 to 14 mm and drive them into the foundation on one side of the armoured joint. Drive two fixing steel bars into each support position. Then use short steel bars with a diameter of 12mm to 14mm to weld the armoured joint and fixing steel bars.
- Step 3** The unsupported side is poured on the first day. The next day, remove the supports and cut off the fixed steel bars above the foundation layer (to prevent the floor and foundation from being locked due to the presence of fixed steel bars and unable to expand and contract freely); and pour concrete on the other side of the armoured joint.
- Step 4** When the concrete curing period is over, the edge steel of the armoured joint will be slowly and naturally opened. After the shrinkage is stable, the garbage in the joint will be removed, and then elastic glue will be filled to clean and protect the construction site and maintain for more than 3 days.



**CONMEC Steel Fiber**

# M3



The idea behind CONMEC has never changed: to craft the high-performance steel fiber for concrete. Using high-quality steel, high tensile steel wire made by advanced cold drawing process, paired with the hooked ends design - all glued with the water soluble adhesive.



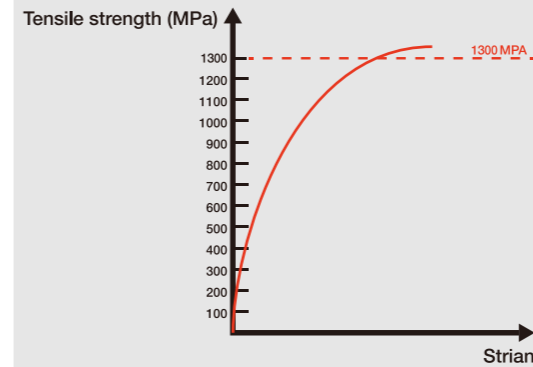
CONMEC Steel Fiber M3 series, which is crafted by our persist in pursuit for excellence. The steel fiber reinforced concrete(SFRC)can be widely used in industrial floor, transportation constructions (roads, bridges, tunnels, airport runways), the concrete prefabricated unit, etc..

Adding up to the high performance solutions for steel fiber by CONMEC yet - and another big, beautiful step forward.

ML300 Series	Length (mm)	L/De	Equivalent Diameter (mm)	Avg tensile strength (mpa)	Approx. Bars/1kg
M3 100/60	60	100	0.62	1250	6800
M3 80/60	60	80	0.75		4600
M3 75/55	55	75	0.75		6600
M3 45/35	35	45	0.75		7900

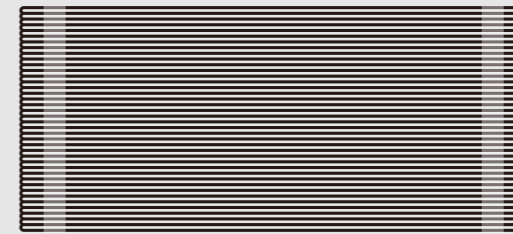
\* This table contains only the common types. If need to know other types of the L300 series, please contact us.

## Impressive Performance



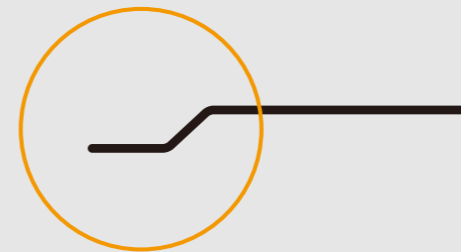
### High Tensile Strength

M3 series steel fibers are cold-drawn from the high quality steel, for ensure the minimal tolerances and the high tensile strength, the tensile strength higher than1300MPa.



### Easy to Mixing, Reduce the Caking

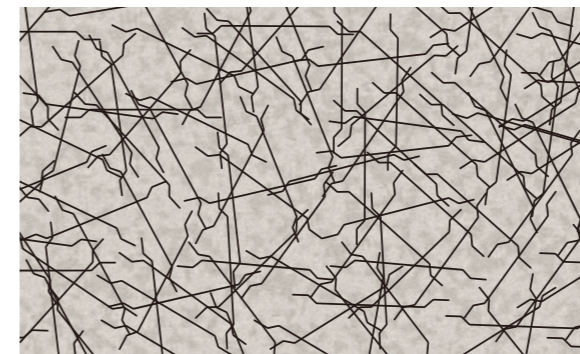
The l3 series steel fibers are glued by the water-soluble glue, so they can be added to the concrete quickly and easily. Compared with the steel fibers which are not guled , they can be mixed in the concrete more quickly and evenly, and reduce the caking in concrete effectively.



hooked ends bending

### Gripping the Concrete

The M3 series steel fibers are designed with a hook on eachend, which is the best anchored design. They are slowlydeformed to absorb energy when they are pulled by theconcrete. They enhanced the grip between the steel fiberand the concrete.



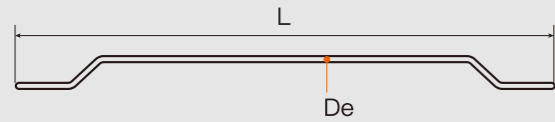
### Reduce the Cracks

M3 series steel fibers are evenly, non-directionally, and three-dimensionally distributed in the concrete. They can decompose the stress as Skm steel wires in each cubic meter of concrete, so they can effectively reduce the cracks and increase the distance between the construction joints.

## Rational Product Design

In terms of design and structure, the properties of steel fiber are determined, by:

- The length, diameter and length of the steel fibers
- Strength of the material
- The amount of steel fiber per weight unit
- Shape and processing technique of steel fiber



\* CONMEC steel fiber M3 series sketch map

Length L(mm) steel fiber length is the linear distance between two ends of a single fiber.

Diameter D(mm) When the steel fiber section is round, the diameter of the steel fiber is the true diameter of the section.

Equivalent diameter De(mm) When the steel fiber is a non-circular section, the cross-sectional area is equal to the area of the circular section, and the diameter is calculated.

Length to diameter ratio  $x=L/D(L/De)$  Length to diameter ratio refers to the ratio of length of steel fiber and the diameter or equivalent diameter

## Steel Fiber Reinforced Concrete



Steel has a high elastic modulus and strength, so it has always been an ideal fiber-reinforced material. Steel fiber and concrete are mixed to steel fiber concrete. Steel fiber concrete floor has many performance advantages compared to traditional concrete floor.

## Advantages of SFRC

### Concrete steel fiber Mechanical performance

- 1 Resist Crack Formation
- 2 Impact Resistance
- 3 Shear Strength
- 4 Fatigue Resistance
- 5 Energy Absorption
- 6 Increase Toughness-flexural strength
- 7 Durability

### Concrete steel fiber Other performance advantages

- 1 The floor thinner
- 2 No problems at joints
- 3 Avoid fixing problems
- 4 Faster execution
- 5 More environmentally friendly project

## Factory & Manufacturing Technique



We use the most advanced European manufacturing technique and quality standards. We have our own wire drawing technology, and strictly controls the use of raw materials, production equipment and manufacture processes. Through a big data research of domestic concrete mix designs, combining multiple researches in laboratory and field experiments, CONMEC Steel Fiber is producing and developing higher quality steel fibers to meet various domestic project requirements in the market.

## Super Factory



35000m<sup>2</sup>  
Area of Our Factory



20000T  
The Annual Output of Phase I



Super Fast  
Production Speed



European Standards  
Technique&Standards



[More References](#)

# More References



01



02



03

01 SAIC MOTOR in Zhengzhou  
02 Continental Factory in Hefei  
03 BYTON(FMC Smart BEV)  
Industrial Park in Nanjing  
04 AUX Properties in Qingdao



04

## Manufacturing

## Logistics and Warehousing

Continental AG	Hefei Anhui	Warehouse	Huzhou Free Trade Zone Logistics Center	Huzhou Zhejiang	Logistics warehouse
Thyssenkrupp	Qingdao Shandong	Logistics area	Deep International Logistics	Guiyang Guizhou	Logistics warehouse
BMW	Shenyang Liaoning	Production workshop	YUPEI	Guiyang Guizhou	Logistics warehouse
General Motors Company	Wuhan Hubei	Production workshop	YULONG	Qingdao Shandong	Logistics warehouse
BYTON	Nanjing Jiangsu	Production workshop	BBMG	Tangshan Hebei	Logistics warehouse
GEELY AUTO	Xi'an Shanxi	Production workshop	MINSHENG	Hangzhou Zhejiang	Logistics warehouse
ENOVATE	Changsha Hunan	Production workshop	NATURE HOME	Taizhou Zhejiang	Workshops,warehouses
SATEC	Jiaxing Zhejiang	Production workshop	YANGGUOFU	Chengdu Sichuan	Workshops,warehouses
CONMEC	Maanshan Anhui	Production workshop	Commercial real estate and parking		
Embryform	Changzhou Jiangsu	Production workshop	MetroAG	Songjiang Shanghai	Mall
Embryform	Jinan Shandong	Production workshop	Universal studios	Tongzhou Beijing	Malls,Parking lots
FENGHUA	Minhang Shanghai	Production workshop	IKEA	Suzhou Jiangsu	Mall,Underground garage
DALIBANG	Wuxi Jiangsu	Production workshop	JINKE	Wuxi Jiangsu	Underground garage
XINDAO	Wuxi Jiangsu	Production workshop	XINTIAN360	Pudong Shanghai	Underground garage
CHANGHANG	Wuxi Jiangsu	Production workshop	AUX	Hangzhou Zhejiang	Underground garage
DUOLUNDUO	Wuxi Jiangsu	Production workshop	LOMGFOR	Minhang Shanghai	Underground garage
GUANGLAI	Taicang Jiangsu	Production workshop	XIANHUAXIN	Minhang Shanghai	Underground garage
JINQING	Taizhou Zhejiang	Production workshop	FEIYAN	Nanjing Jiangsu	Office
YIMU	Jiaxing Zhejiang	Production workshop	Traffic		
TIANTONG	Quzhou Zhejiang	Production workshop	XIAOLANGDI	Bando Hydropower Station Qinghai	Warehouse
XINHUA	Shaoxing Zhejiang	Production workshop	Nanjing ShugangRing Expressway	Nanjing Jiangsu	Bridge



05



06

05 Shanghai Sany Heavy Industry Project  
06 Thyssenkrupp Defontaine Factory in Qingdao  
07 Longfor Propertties in Shanghai  
08 ADG Logistic Warehouse in Qingdao

05 Shanghai Sany Heavy Industry Project  
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07



08



# Tamping Rammer

## CR77R/CR70H/CR72H/ECR70 Series

Ideal for demanding compaction such as are demanded by cohesive mixed and coarse grain soils and in the case of a narrow space environment. Maximum ease of control due to reduced hand-arm vibrations.



Tamping Rammer  
**CR77R**

### OPTION

Trolley Wheel Kit



### FEATURES

- Reliable four stroke engine delivers low emission and noise
- Additional built-in air filtration system plus the original air cleaners in the engine provides cleaner air to engine for longer life and improved durability.
- Ingenious throttle lever for smooth operation
- Heavy shock mount system to reduce hand-arm vibration and improve operator comfort
- Plastic oil tank offers longer life and rust-free
- Protective top frame cover eliminates possible damage to the engine
- German made polyurethane ribbed bellow for long life
- An integrated fuel valve provides for easy starting.
- Rammer shoe made of steel plate with wooden insert offers economical usage.
- Optional trolley wheel kit for easy transportation.

### TECHNICAL SPECIFICATION

Model	CR77R
Engine Type	Robin EH12-2D
Power kw(hp)	3.0(4.0)
Weight kg(lbs)	77(169)
Impact Force kN	14
Jumping Stroke cm(in)	4-8(1.5-3)
Fuel Tank L	2.8
Shoe Size cm(in)	33*28.5(12.6*11)



Model	CR70R
Engine Type	Honda GX120
Power kw(hp)	3.0(4.0)
Weight kg(lbs)	70(154)
Impact Force kN	13
Jumping Stroke cm(in)	4-8.5(1.5-3.3)
Fuel Tank L	2.8
Shoe Size cm(in)	33*28.5(12.6*11)



Model	CR72H
Engine Type	Honda GX160
Power kw(hp)	4.0(5.5)
Weight kg(lbs)	72(158)
Impact Force kN	15
Jumping Stroke cm(in)	5-8(1.9-3)
Fuel Tank L	2.8
Shoe Size cm(in)	35*28.5(13*11)



Model	ECR70
Engine Type	Chinese Petrol Engine
Power kw(hp)	3.0(4.0)
Weight kg(lbs)	70(154)
Impact Force kN	14
Jumping Stroke cm(in)	4-8(1.5*3)
Fuel Tank L	2.8
Shoe Size cm(in)	33*28.5(12.6*11)



# Vibratory Plate Compactor CP10/CP15 Series

Ideal for small jobs and narrow areas.

High-performance plates for compressing asphalt and composite material pavement, as well as compressing mixed soils on small surfaces



Vibratory Plate Compactor  
CP10

OPTION

Rubber Mat



Vibratory Plate Compactor  
CP15

OPTION

Rubber Mat

## FEATURES

- Open plate provides self cleaning
- Built-in wheel for easy transportation and stock
- Radius base plate for easy access to corners
- Sealed belt cover to prevent sand and soil in
- Heavy-duty shock mounts reduce vibration to the upper engine & handle

- Transport wheel for easy transportation around sites
- Water tank for asphalt use
- Optional polyethylene pad for paving

## FEATURES

- Ductile iron base plate provides better durability
- Open plate provides self cleaning
- Radius base plate for easy access to corners
- Centrally located lifting bar allows easy transportation
- Sealed belt cover to prevent sand and soil in

- Heavy-duty shock mounts reduce vibration to the upper engine & handle
- Transport wheel for easy transportation around sites
- Water tank for asphalt use
- Optional polyethylene pad for paving

## Reversible Plate Compactor CRP30/CRP40 Series

Low maintenance design, less time and less costly to repair. Superior compaction in any direction, FORWARD and REVERSE. Ideal for sand, gravel and mixed soils in narrow trenches and along foundations, walls and abutments.



Reversible Plate Compactor  
CRP30

### OPTION

- 1/ Trolley Wheel
- 2/ Rubber Mat
- 3/ Extension Plate for Model CRP30E

### FEATURES

- Easy-to-reach located controls
- Large shock mounts reduce vibration to the handle
- Heavy-duty shock mounts reduce vibration to the upper deck
- Wear-resistant base plate extends life, open design reduces dirt building
- Centrally-located lifting bar allows easy transportation in and out of trenches
- Wrap around protection cage protects the plate from accidental job-site damage
- Heavy duty industrial throttle control

## Hydraulic Reversible Plate Compactor CRP40

Ideal and versatile for high production and efficient compaction on sand, gravel and cohesive soil.

The hydraulic adjustable control lever offers easy direction change, while two eccentric weights increase the compaction force and create a smooth transition between forward and reverse travel.



### OPTION

Transport Wheel



Handle folds to 90 degree position for saving space storage

### FEATURES

- Hydraulic adjustable control lever for easy direction change
- On the spot compaction for problem areas
- Heavy-duty shock mounts reduce vibration to the upper deck
- Impact-resistant and open self cleaning base plate
- Semi-covered protection cage with lifting bar protects the plate from accidental job-site damage and for easy transportation
- Handle folds to 90 degree position for saving space storage
- User friendly isolated vibration handle
- Heavy duty industrial throttle control is available as standard
- Unique built in transport wheel provides easy transportation



## TECHNICAL SPECIFICATION

Model	CP10-2	CP10-4
Engine Type	Chinese Petrol Engine	Honda GX160
Power kw(hp)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	60(131)	60(131)
Frequency rpm		5600
Centrifugal Force kN		10.5
Travel Speed cm/s (ft/min)		40(131)
Efficiency m <sup>2</sup> /hr (ft <sup>2</sup> /hr)		450(4800)
Plate Size cm (in)		50*36(20*14)
Water Tank Capacity L		10



Model	CP15-1	CP15-2	CP15-4
Engine Type	Chinese Petrol Engine	Chinese Petrol Engine	Honda GX160
Power kw(hp)	3.1(4.2)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	107(235)	97(212)	97(212)
Frequency rpm		5500	
Centrifugal Force kN		13	
Travel Speed cm/s (ft/min)		40(131)	
Efficiency m <sup>2</sup> /hr (ft <sup>2</sup> /hr)		660(7100)	
Plate Size cm (in)		53*50(21*20)	
Water Tank Capacity L		12	



Model	CPR30-1	CPR30-2	CPR30-4
Engine Type	Chinese Diesel Engine	Chinese Petrol Engine	Honda GX160
Power kw(hp)	4.4(6.0)	4.8(6.5)	4.0/5.5
Weight kg(lbs)	170(374)	150(330)	149(328)
Frequency rpm		4000	
Centrifugal Force kN		30.5	
Travel Speed cm/s (ft/min)		25(82)	
Efficiency m <sup>2</sup> /hr (ft <sup>2</sup> /hr)		570(6100)	
Plate Size cm (in)		73*45(28*18)/73*36(28*14)	



Model	CPR40-1	CPR40-2	CPR40-4
Engine Type	Chinese Diesel Engine	Chinese Petrol Engine	Honda GX160
Power kw(hp)	4.2(5.7)	4.8(6.5)	4.0(5.5)
Weight kg(lbs)	145(319)	136(300)	135(298)
Frequency rpm		5400	
Centrifugal Force kN		20	
Travel Speed cm/s (in/s)		22(72)	
Efficiency m <sup>2</sup> /hr(ft <sup>2</sup> /hr)		480(5166)	
Plate Size cm (in)		65*40(25.6*15.8)	

