SHINYOUNG

INTERNATIONAL PRODUCT PROPOSAL

Light Construction Equipment for Reliable Job-Site Performance

Concrete compaction · Site drainage · Rebar processing

Made in Korea · Manufacturing light construction equipment since 1986

Prepared for international distributors, contractors and construction-equipment partners





ABOUT SHIN-YOUNG

A Korean Manufacturer Since 1986

We study and develop machinery to meet diverse customer needs worldwide.

1986

Manufacturing light construction equipment since

7

Product lines across compaction, drainage and rebar work

OEM

Custom shaft lengths and coupling types on request

110 / 220 V

50 / 60 Hz motor options for international markets

Head Office & Factory

766-2, Haseong-ro, Haseong-myeon, Gimpo-si, Gyeonggi-do, Republic of Korea

Tel +82-31-981-6588 | Fax +82-31-981-7110 | sinyoung5986@naver.com

PORTFOLIO

Seven Products, Three Job-Site Needs



01 Hand Vibrator

Concrete compaction in tight formwork



02 Vibrator Shaft Assembly

Flexible-shaft concrete compaction



03 Submersible Pump

Water and slurry drainage



04 Vibrator Motor

Electric drive for shaft assemblies



05 Foam Vibrator

Foam and lightweight concrete



06 Portable Rebar Bender

On-site rebar bending



07 Mobile Rebar Cutter

Mobile hydraulic rebar cutting

OEM & Custom Options

Shaft lengths and coupling types available on request.

PRODUCT 01 · CONCRETE COMPACTION

Hand Vibrator

High-frequency compaction for tight formwork, columns and edge finishing



12,000 VPM
vibration frequency

5 kg
1.2 m total length

480 W
motor power

Why buyers choose it

- High-frequency vibration even in narrow, restricted formwork
- Removes internal air voids to help prevent honeycombing
- Ergonomic motor handle and 5 kg weight for one-person handling

Key specifications

Model	SYHV-32
Frequency	12,000 VPM
Amplitude	1.1 mm
Head dia. × length	32 × 190 mm
Total length	1.2 m
Weight	5 kg
Power	480 W

Source: sinyoungmc.com/hand-vibrator/

PRODUCT 02 · CONCRETE COMPACTION

Concrete Vibrator Shaft Assembly

Poker heads from Ø32 to Ø60 mm with a 6 m braided hose for dense, void-free pours



4 models
SYV-32 to SYV-60

6 m
standard flexible hose

15–24 kg
by model

Why buyers choose it

- Multi-layer braided rubber hose resists oil, abrasion and kinking
- Solid brass poker head withstands concrete slurry wear
- Quick-connect couplings fit standard electric motors and gasoline engines

Key specifications

Models	SYV-32 / 38 / 45 / 60
Dia. × length (mm)	32×445 · 38×445 · 45×445 · 60×545
Frequency	12,000–14,000 VPM
Revolution	3,000–3,600 RPM
Flexible hose	6 m standard
Weight	15 / 16 / 17 / 24 kg
Engine unit	3.5–6 HP, 3,600 RPM gasoline

Source: sinyoungmc.com/concrete-vibrator-shaft-assembly/

PRODUCT 03 · SITE DRAINAGE

Submersible Pump

Instant, high-volume water and slurry transfer — no priming required



1,500 L/min
max. capacity

21 m
max. lift

23 kg
pump weight

Why buyers choose it

- No priming water needed — start draining immediately
- Rugged bottom strainer casing handles muddy water and slurry
- Runs on 3.5–6 HP gasoline engines — no electrical power required

Key specifications

Model	SYSP-3M
Discharge dia.	3 in
Max. lift	21 m
Max. capacity	1,500 L/min
Hose length	6 m standard (flexible drive hose)
Weight	23 kg
Engine	3.5–6 HP, 3,600 RPM

Source: sinyoungmc.com/submersible-pump-2/

PRODUCT 04 · CONCRETE COMPACTION

Vibrator Motor

SYEM-1 / SYEM-2 · Dependable electric power for flexible-shaft concrete vibrators



0.75 / 1.5 kW
1 HP / 2 HP models

50 / 60 Hz
2,850 / 3,450 RPM

110 / 220 V
voltage options

Why buyers choose it

- SYEM-1 (1 HP): ideal for flexible shaft hoses up to 6 m
- SYEM-2 (2 HP): powerful output for long shafts of 7–10 m
- Matched to SYV shafts: SYV-32/38/45 with SYEM-1, SYV-60 with SYEM-2

Key specifications

Output	0.75 kW (1 HP) / 1.50 kW (2 HP)
Motor speed	2,850 RPM @ 50 Hz · 3,450 RPM @ 60 Hz
Voltage	110 / 220 V
Weight	14.3 kg / 18 kg
Phase	1 phase (SYEM-1); SYEM-2 per quotation
Compatible shafts	SYV-32/38/45 · SYV-60

Source: sinyoungmc.com/vibrator-moter/

PRODUCT 05 · CONCRETE COMPACTION

Foam Vibrator

Bubble-free finishing for foam concrete and lightweight slabs



12,000 VPM
vibration frequency

5 kg
ergonomic top handle

480 W
motor power

Why buyers choose it

- Wide, flat base plate spreads vibration evenly without sinking into lightweight layers
- Removes trapped air voids to help prevent micro-cracks
- For floor screed, cellular concrete, insulating slabs and precast surfaces

Key specifications

Frequency	12,000 VPM
Power	480 W
Weight	5 kg
Base	Wide, flat base plate
Handle	Ergonomic top handle
Model & dimensions	Confirmed at quotation

Source: sinyoungmc.com/foam-vibrator/

PRODUCT 06 · REBAR PROCESSING

Portable Rebar Bender

Fast, preset-angle bending for repetitive on-site rebar work



25 / 35 mm
max. bending diameter

4–5 sec
per 180° bend

92 / 158 kg
SY-25S / SY-35S

Why buyers choose it

- Two independent angle knobs preset two bending angles for continuous work
- External foot switch keeps both hands free for material control
- Integrated handles allow two-person transport — no crane needed

Key specifications

Models	SY-25S / SY-35S
Max. bending dia.	25 / 35 mm
Bending speed	4–5 sec (180° bend)
Power	220 V, 50/60 Hz, 1 phase
Weight	92 / 158 kg
Dimensions (L×W×H)	450×410×530 / 604×510×610 mm

Source: sinyoungmc.com/portable-reba-bender/

PRODUCT 07 · REBAR PROCESSING

Mobile Rebar Cutter

Hydraulic rebar cutting with one-operator mobility



25 / 32 mm
max. cut diameter

160 / 280 kg
SYW-25 / SYW-32

220 V
50/60 Hz, 1 phase

Why buyers choose it

- Heavy-duty wheels and handle let one operator move the machine across site
- Four-sided reversible blade blocks — every edge reusable to cut maintenance cost
- Built-in safety relief valve protects the hydraulic system from overload

Key specifications

Models	SYW-25 / SYW-32
Max. cut dia.	25 / 32 mm
Power	220 V, 50/60 Hz, 1 phase
Weight	160 / 280 kg
Dimensions (L×W×H)	850×530×750 / 1,100×560×1,020 mm
Cutting cycle time	Confirmed at quotation

Source: sinyoungmc.com/mobile-rebar-cutter-2/

SYSTEM GUIDE

Match the Right Power Source

Choose electric or engine drive to suit local power conditions and shaft length

ELECTRIC · SYEM-1
0.75 kW (1 HP) · 110 / 220 V · 50/60 Hz

→ **SYV-32 / SYV-38 / SYV-45 shaft assemblies**
For flexible shaft hoses up to 6 m

ELECTRIC · SYEM-2
1.50 kW (2 HP)

→ **SYV-60 shaft assembly**
For long shafts from 7 m to 10 m (custom lengths on request)

GASOLINE ENGINE · 3.5–6 HP
3,600 RPM

→ **SYV shaft assemblies and SYSP-3M submersible pump**
No electrical power source needed on remote sites

REBAR PROCESSING CAPACITY

Capacity by Rebar Diameter

Maximum bar quantity listed for each machine, by bar size (D10–D35 / D10–D32)

Portable Rebar Bender · bending capacity

Model	D10	D13	D16	D19	D22	D25	D35
SY-25S	4	2	1	1	1	1	–
SY-35S	5	4	3	2	1	1	1

Mobile Rebar Cutter · cutting capacity

Model	D10	D13	D16	D19	D22	D25	D32
SYW-25	4	3	2	1	1	1	–
SYW-32	7	5	3	3	3	1	1

"–" = not applicable for that bar size. Values as listed in the product specification tables; final capacity data confirmed in the technical data sheet.

OEM & CUSTOMIZATION

Configured for Your Market

Product selection can be matched to local requirements during the quotation process

Custom shaft lengths

Standard hose is 6 m. OEM / custom lengths are available on request for B2B buyers.

Coupling types

Quick-connect couplings fit most standard electric motors and gasoline engines; specific coupling types on request.

Local power standards

Vibrator motors at 110 / 220 V with 50 / 60 Hz speeds; rebar machines at 220 V, 50/60 Hz, 1 phase.

Engine-driven options

Shaft assemblies and the submersible pump run on 5–6 HP gasoline engines where grid power is unavailable.

QUALITY & COMPLIANCE

CE Declarations of Conformity

Machinery Directive 2006/42/EC, declared for our concrete vibrator, rebar bender and rebar cutter ranges

CE Concrete Vibrator

Models covered
SYV-20, 28, 32, 38, 45, 50, 60

Issue date · Test report
2024-07-26 · ECMK-EH008(M)

Test standards
EN ISO 12100:2010
EN 500-1:2006+A1:2009

CE Portable Rebar Bender

Models covered
SY-25, SY-35S, SY-25S

Issue date · Test report
2024-07-26 · ECMK-EH010(M)

Test standards
EN ISO 12100:2010
EN 60204-1:2018

CE Mobile Rebar Cutter

Models covered
SYW-25, SYW-35, SYW-45

Issue date · Test report
2024-07-25 · ECMK-EH007(M)

Test standards
EN ISO 12100:2010
EN 60204-1:2018

Declarations apply only to the models listed on each certificate. Copies of the declarations follow on the next slide.

CERTIFICATES

Declaration of Conformity Copies

Issued July 2024 to Shin Young Co., Ltd., Gimpo-si, Republic of Korea



EC Declaration of Conformity

Directive 2006/42/EC

Holder of Certificate:

SHIN YOUNG CO., LTD

Address:

766-2, Haseong-Ro, Haseong-Myeon, Gimpo-Si, Gyeonggi-Do, Korea

for the following Product:

CONCRETE VIBRATOR

Model:

SYV-20, SYV-28, SYV-32, SYV-38, SYV-45, SYV-50, SYV-60

Reference documentation

Test Report No: *ECMK-EH008(M)*

We herewith declare,

that the above product complies with the appropriate basic safety and health requirements of the **EC Directive** based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.

has been verified for the presence of the documents required by

2006/42/EC Machinery Directive

Issue date: 2024-07-26

Test Standards:

EN ISO12100:2010	Safety of machinery - General principles for design – Risk assessment and risk reduction
EN 500-1:2006+A1:2009	Mobile road construction machinery — Safety — Part 1: Common requirements

Authorized Signature

SHIN YOUNG CO., LTD / Managing Director

The CE marking may be used if all relevant and effective EC directives are completed with.

SHIN YOUNG CO.,LTD

Concrete Vibrator · ECMK-EH008(M)



EC Declaration of Conformity

Directive 2006/42/EC

Holder of Certificate:

SHIN YOUNG CO., LTD.

Address:

766-2, Haseong-Ro, Haseong-Myeon, Gimpo-Si, Gyeonggi-Do, Korea

for the following Product:

Portable Rebar Bender

Model:

SY-25, SY-35S, SY-25S

Reference documentation

Test Report No: ECMK-EH010 (M)

We herewith declare,

that the above product complies with the appropriate basic safety and health requirements of the **EC Directive** based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.

has been verified for the presence of the documents required by

2006/42/EC Machinery Directive

Issue date: 2024-07-26

Test Standards:

EN ISO12100:2010	Safety of machinery - General principles for design – Risk assessment and risk reduction
EN 60204-1:2018	Safety of machinery – Electrical equipment of machines – Part1: General requirements

Authorized Signature

SHIN YOUNG CO., LTD. / C.E.O.

The CE marking may be used if all relevant and effective EC directives are completed with.

Shin Young Co.,Ltd.

Portable Rebar Bender · ECMK-EH010(M)



EC Declaration of Conformity

Directive 2006/42/EC

Holder of Certificate:

SHIN YOUNG CO., LTD.

Address:

766-2, Haseong-Ro, Haseong-Myeon, Gimpo-Si, Gyeonggi-Do, Korea

for the following Product:

Mobile Rebar Cutter

Model:

SYW-25, SYW-35, SYW-45

Reference documentation

Test Report No: ECMK-EH007 (M)

We herewith declare,

that the above product complies with the appropriate basic safety and health requirements of the **EC Directive** based on its design and type, as brought into circulation by us. In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.

has been verified for the presence of the documents required by

2006/42/EC Machinery Directive

Issue date: 2024-07-25

Test Standards:

EN ISO12100:2010	Safety of machinery - General principles for design – Risk assessment and risk reduction
EN 60204-1:2018	Safety of machinery – Electrical equipment of machines – Part1: General requirements

Authorized Signature

SHIN YOUNG CO., LTD. / C.E.O.

The CE marking may be used if all relevant and effective EC directives are completed with.

Shin Young Co.,Ltd.

Mobile Rebar Cutter · ECMK-EH007(M)

NEXT STEPS

From Inquiry to Quotation

A simple five-step path to start working together

1

Share your needs

Target market, application and expected annual volume

2

Confirm specifications

Local electrical standards and preferred engine or motor configuration

3

Select models

Choose products and models for a technical and commercial quotation

4

Review terms

Packaging, lead time, warranty, spare parts and after-sales support

5

Evaluate

Proceed with sample evaluation or distributor discussion

Specifications in this proposal are for preliminary discussion. Final model names, electrical configurations, performance values, dimensions, accessories and commercial terms are confirmed in the official quotation and technical data sheet.

CONTACT

Request a Quotation

We welcome overseas distributors, contractors and OEM partners.

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Head Office & Factory
766-2, Haseong-ro, Haseong-myeon, Gimpo-si, Gyeonggi-do, Republic of Korea

Telephone
+82-31-981-6588

Fax
+82-31-981-7110

E-mail
sinyoung5986@naver.com

Website
https://sinyoungmc.com/



