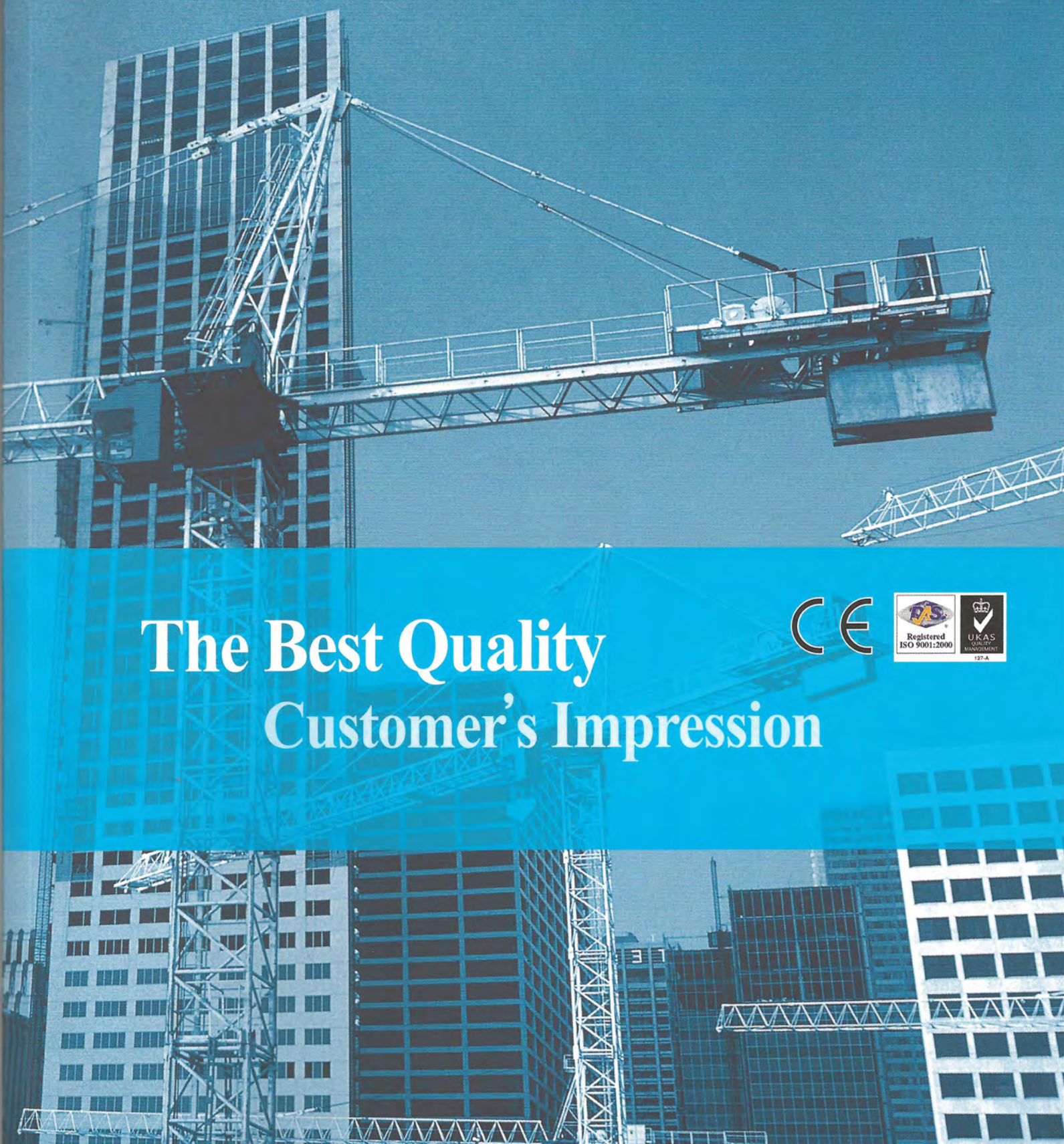




Rebar cutter & bender
TAEYEON

The Best Quality Customer's Impression



Global Taeyeon

THE BEST COMPANY IN MANUFACTURING AND EXPORTING REBAR CUTTER
AND BENDER IN THE WORLD!!

EXPORTED MACHINERIES TO MORE THAN 52 COUNTRIES!!

HAVE MANUFACTURED WORLD BEST QUALITY MACHINERIES DUE TO OWN THE WORLD BEST
REBAR PROCESSING FACTORIES!!



THE LIST OF TAEYEON CUSTOMERS IN THE WORLD (MORE THAN 52 COUNTRIES)

Asia (18 Countries)

Malaysia, Mongolia, Vietnam, Saudi Arabia, Singapore, United Arab Emirates, Uzbekistan, Iran, India, Indonesia, Japan, China, Kazakhstan, Kyrgyzstan, Turkey, Pakistan, Philippines, Hong Kong

America (8 Countries)

Mexico, United States, Canada, Trinidad & Tobago, Panama, Argentina, Chile, Ecuador

Europe (16 Countries)

Norway, Germany, Latvia, Russia, Lithuania, Sweden, Spain, Iceland, Ireland, United Kingdom, Ukraine, Croatia, Poland, Belgium, Estonia, Romania

Oceania (3 Countries)

New Zealand, Australia, Papua New Guinea

Africa (9 Countries)

Nigeria, South Africa, Libya, Algeria, Egypt, Burkina Faso, Ghana, Madagascar, Ethiopia.

A Message from the Chairman

Always serving you for your successful business!!



First of all, I wish to express my gratitude to all our customers in the world, which have been patronizing our products, TAE YEON'S REBAR BENDER, REBAR CUTTER and AUTOMATIC REBAR BENDING/CUTTING LINE for more than 15 years.

We are proud that we have been engaged in manufacturing and exporting these products of high efficiency and durability with our own high technology for the past years, and have been acquiring a great reputation for our products from all our customers in the world. Aiming to be a world-leading company in this field, we promise that we will provide our best service for all our valuable customers.

In closing, may this brochure be a perfect assistance in understanding our products and our company, and we sincerely hope that you would continue to patronize our TAE YEON's products, and hoping that we'll go with you as an everlasting successful business partner of your valuable company.

Sincerely

CEO : Kwangho Kim

Kwangho Kim



Various certificates including ISO 9001 & CE obtained from authorities concerned.



HEAD OFFICE(in Busan) and FACTORY for manufacturing Rebar Bender/Cutter



1st Rebar Processing Factory



- SITE : 9,900 m²
- Building : 2,970 m²
- Capacity : 36,000Tons/year



2nd Rebar Processing Factory



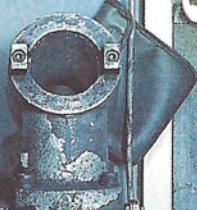
3rd Rebar Processing Factory - Inside view

050
0.752

TOOL No. 00000
PICK TABLE POSITION

MAZAK

MAZATROL M-32



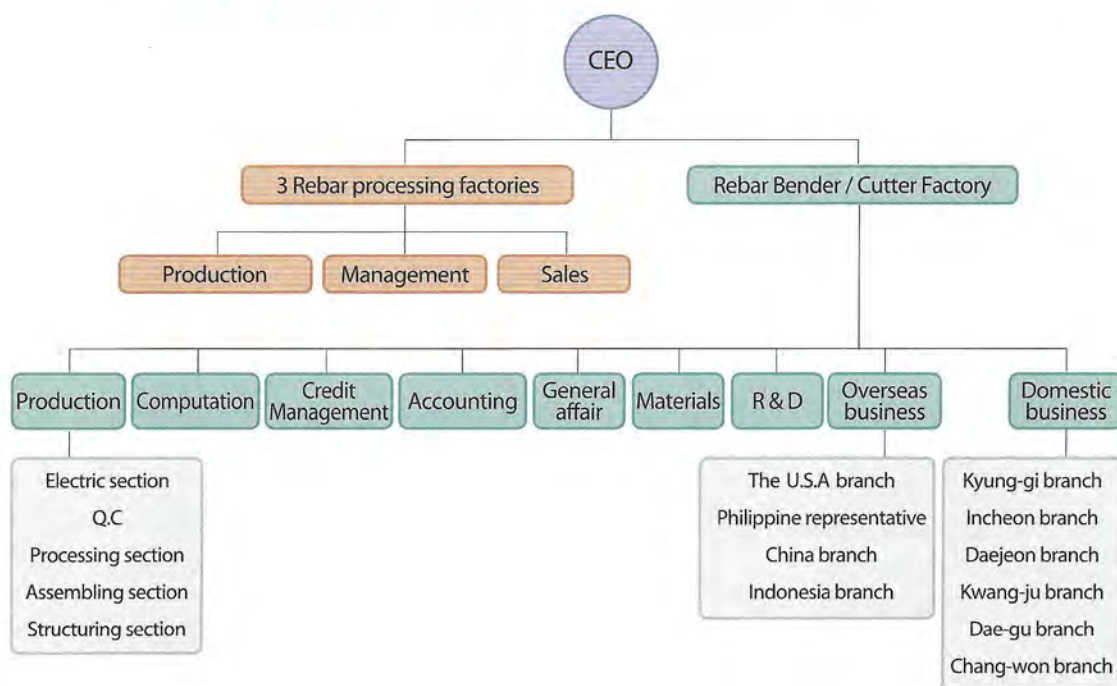


Company history

Apr. 2006	Acquired "CE Marking" certificate.
Feb. 2006	Established the 4th Rebar Processing Factory at InCheon.
Jun. 2005	Established the 3rd Rebar Processing Factory at JangAn.
Aug. 2004	Established the 2nd Rebar Processing Factory at OnYang.
Mar. 2003	Received recognition as an "Excellent Tax Payer corporation" from the National Taxation Administration.
Sep. 2002	Established the 1st Rebar Processing Factory at JangAn.
Dec. 2001	Selected as an "INNO-BIZ Enterprise" by the Medium and Small Industry Promotion Corporation.
Feb. 2000	Built Taeyeon's 2nd Rebar Processing Factory which increased production capacity.
Aug. 1999	Designated as a "Promising Export Medium and Small Enterprise" by Medium and Small Industry Promotion Corporation.
Nov. 1998	Acquired "ISO9001" Certificate.
Aug. 1998	Selected as "Venture Firm" by Medium and Small Business Administration.
Nov. 1997	Designated as "Top-Ranking Technology Company" from the Korea Technology Credit Guarantee Fund.
April. 1996	Started exporting to the Asian and Middle East countries.
Aug. 1994	Expanded and modernized the existing factory with advanced equipments and facilities.
May. 1992	Founded TAEYEON MACHINERY CO.,LTD.



Organization





TYC-D35



TYC-HD19A

Portable Cutter



Specification

Cutting capacity	HD19(19mm/0.75inch)
Cutting speed	4 Seconds
Power	Single phase AC 110~220V, 50/60hz
Motor	AC 1.68kw
Weight	13kg/28 lb
Dimension(mm)	(L)427 (W)105 (H)198
Oil	SHELL Tellus #46

Bars to cut at a time

Bar Thickness/mm	HD 19	HD 16	HD 13	HD 10
PCS	1	1	2	2

Features

1. Lightly weighted (13Kg / 28 lb) & easy to carry
2. Powerful cutting performance (bar diameter: up to 19mm)
3. Rapid cutting speed: 4 seconds per cut
4. All 4 edges of the cutting blade are usable
5. Lock screw for various sizes of rebar
6. Less operation noise
7. Electrically driven hydraulic system
8. Compatible with power supply at home

TYC-NHD25

Portable Cutter



Specification

Cutting capacity	HD25(25mm/1.00inch)
Cutting speed	4 Seconds
Power	Single phase AC 110~220V, 50/60hz
Motor	AC 2.5kw
Weight	23kg / 51 lb
Dimension(mm)	(L)500 (W)157 (H)250
Oil	SHELL Tellus #46

Bars to cut at a time

Bar Thickness/mm	HD25	HD22	HD19	HD16	HD13	HD10
PCS	1	1	1	1	2	3

Features

1. In comparison to the cutting-capacity, lightly weighted (23Kg / 51 lb) & easy to carry
2. Rapid cutting speed: 4 seconds per cut
3. Powerful cutting performance (bar diameter: up to 25mm)
4. Simple & easy to use: one-touch type
5. All 4 edges of the cutting blade are usable
6. Less operation noise
7. Lock screw for various sizes of rebar
8. Electrically driven hydraulic system
9. Compatible with power supply at home

TYC-D29A

Mobile Cutter



Specification

Cutting capacity	HD29(29mm/1.128inch)
Motor	AC 3kw/19A
Power	Single phase AC 110~220V, 50/60hz
Weight	278kg / 611 lb
Dimension(mm)	(L)1,082 (W)577 (H)757

Bars to cut at a time

Bar Thickness/mm	HD29, 25, 22, 19	HD 16	HD 13	HD 10
PCS	1	2	3	4

Features

1. Easily moving by wheels (by 2 persons) & loadable into a vehicle
2. Powerful cutting performance (bar diameter: up to 29mm)
3. All 4 edges of the cutting blade are usable
4. Convenient selection for continuous or one-touch cutting type
5. Compatible with power supply at home

TYC-D35

General type Cutter



Specification

Cutting capacity	HD32(32mm/1.27inch)
Motor	AC 3.0kw/19A
Power	Single phase AC 110~220V, 50/60hz 3phase AC 220~415V, 50/60hz
Weight	616kg / 1,355 lb
Dimension(mm)	(L)800 (W)520 (H)1,262

Bars to cut at a time

Bar Thickness/mm	HD32, 25, 22	HD19	HD16	HD13	HD10
PCS	1	2	3	4	6

Features

1. Oil bathed lubrication gears: Being operated in smooth and less noise
2. None sticking phenomenon of crank after a long period of non-use
3. All 4 edges of the cutting blade are usable
4. Powerful cutting performance (bar diameter: up to 32mm)
5. Interior electric-motor: not to be exposed to rain
6. Back plate installed behind the cutting blade: preventing rebar to be stuck
7. Compatible with power supply at home

TYC-HD42A

Heavy duty Cutter



TYC-HD42C

Heavy duty Cutter



Specification

Cutting capacity	HD42(42mm/1.65inch)
Motor	AC 3.7kw/5hp(4p)
Power	3phase AC 220V~415V, 50/60hz
Weight	836kg / 1,839 lb
Dimension(mm)	(L)838 (W)688 (H)1,313

Specification

Cutting capacity	HD42(42mm/1.65inch)
Motor	AC 3.7kw/5hp(4p)
Power	3phase AC 220~415V, 50/60hz
Weight	1,300kg / 2,860 lb
Dimension(mm)	(L)1,060 (W)727 (H)1,374

Bars to cut at a time

Bar Thickness/mm	HD32~42	HD 29	HD 25	HD 22
PCS	1	1	2	2
Bar Thickness/mm	HD 19	HD 16	HD 13	HD 10
PCS	3	5	6	9

Bars to cut at a time

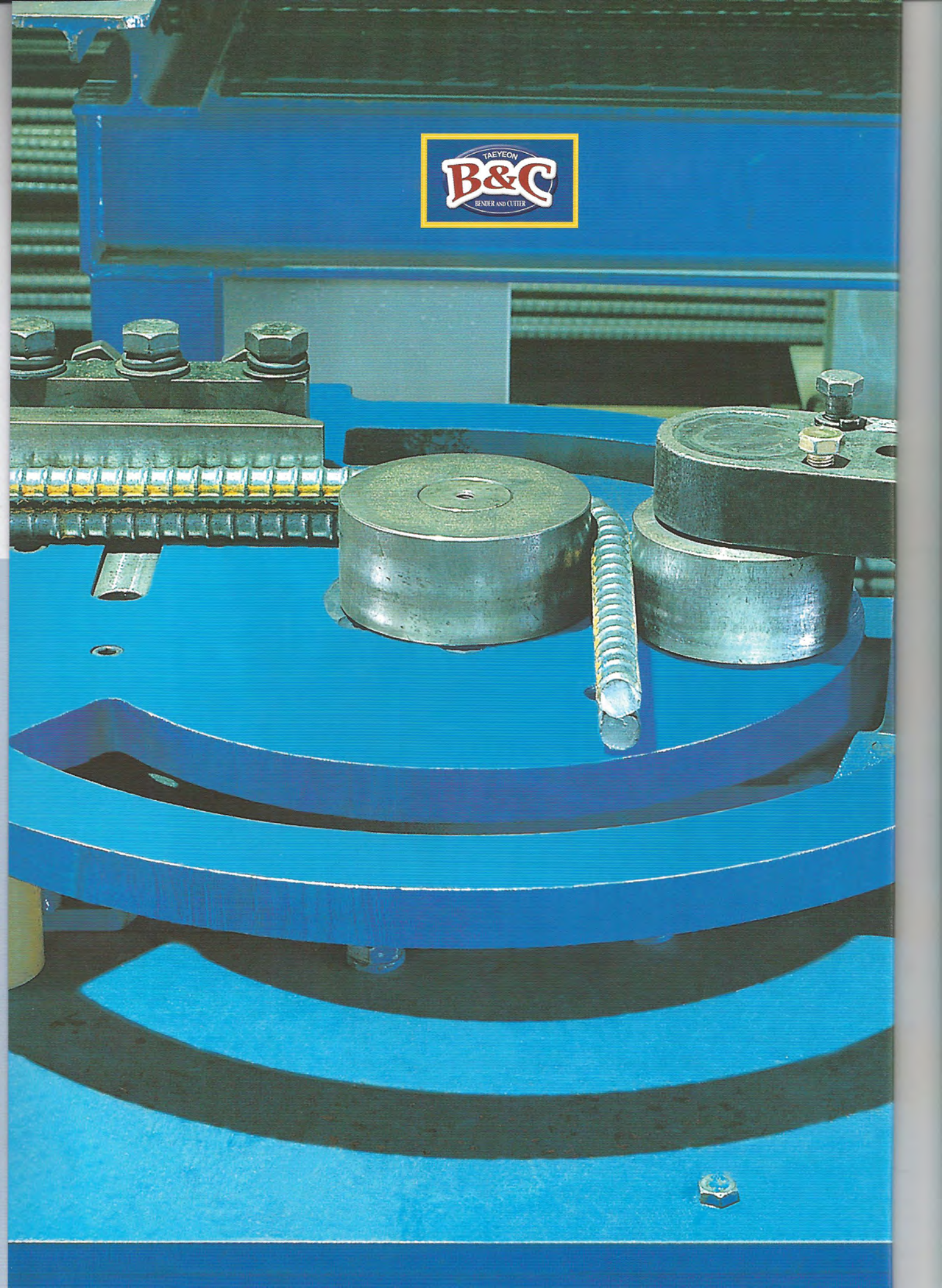
Bar Thickness/mm	HD32~42	HD 29	HD 25	HD22
PCS	1	1	3	3
Bar Thickness/mm	HD19	HD16	HD13	HD10
PCS	5	6	12	15

Features

1. Heavy Duty cutting performance (bar diameter: up to 42mm)
2. Interior electric-motor: not to be exposed to rain
3. Oil bathed lubrication gears: Being operated in smooth and less noise
4. None sticking phenomenon of crank after a long period of non-use
5. All 4 edges of a cutting blade usable
6. Simple & easy to use: one-touch type

Features

1. The machine can be used with the power supply, 3phase 220~415V.
2. The electric-motor is put inside the machine not to be exposed to rain.
3. All the gears of the machine are in Oil-bathed lubrication. Therefore the machine is being operated in smooth and less noise.
4. All 4 edges of a cutting blade can be used (bar diameter: up to 42mm).
5. This machine is especially suitable for the work of big building.



TYB-D26

Small sized bender



TYB-D35

General bender



Specification

Bending angle	180° /5 Seconds
Bending capacity	HD10~25(0.375~1.00inch)
Motor	2.1kw
Power	Single phase AC 110~220V, 50/60hz
Weight	75kg / 165 lb
Dimension(mm)	(L)446 (W)426 (H)383

Bars to bend at a time

Bar Thickness/mm	HD25, 22	HD19	HD16	HD13	HD10
PCS	1	1	2	4	5

Features

1. The dual angle adjustment device: simultaneously bends in 2 different angles: saving work time
2. The adoption of foot-switch guarantees safe operation of the machine
3. In comparison to the size of the machine, it has excellent bending performance: bends up to HD25mm
4. Lightly weighted: loadable into trunk of a passenger car (portable by 2 persons)
5. The bending process of stirrup and hoop allows the minimum bend bar-end length 4~6cm (1.57~2.36 inches)
6. Interior safety sensor installed
7. Compatible with power supply at home



Specification

Bending angle	180° /5 Seconds
Bending capacity	HD10~32(0.375~1.27inch)
Motor	2.1kw(2 motors)
Power	Single phase AC 110~220V, 50/60hz
Weight	180kg / 396 lb
Dimension(mm)	(L)673 (W)500 (H)447

Bars to bend at a time

Bar Thickness/mm	HD32, 25	HD22, 19	HD16	HD13	HD10
PCS	1	2	3	4	6

Features

1. The dual angle adjustment device: simultaneously bends in 2 different angles: saving work time
2. The adoption of foot-switch guarantees safe operation of the machine
3. In comparison to the size of the machine, it has excellent bending performance: bends up to HD32mm
4. Lightly weighted: loadable into trunk of a passenger car (portable by 2 persons)
5. The bending process of stirrup and hoop allows the minimum bend bar-end length 4~6cm (1.57~2.36 inches)
6. Interior safety sensor installed
7. Compatible with power supply at home



TYB-HD42A

Heavy duty bender



TYB-HD42D

Heavy duty bender



Specification

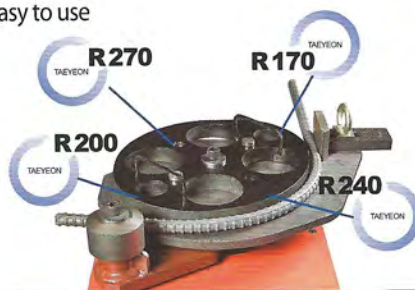
Bending angle	180° / 5 Seconds
Bending capacity	HD10-42(0.375~1.65inch)
Motor	3.7kw/5hp(4P)
Power	3Phase AC 220~415V, 50/60hz
Weight	710kg / 1,562 lb
Dimension(mm)	(L)880 (W)860 (H)750

Bars to bend at a time

Bar Thickness/mm	HD42, 32, 29	HD25, 22	HD19, 16	HD13	HD10
PCS	1	2	3	4	6

Features

1. Specially designed to be suitable for general constructions
2. Dual angle adjustment device: simultaneously bends in 2 different angles: saving work time
3. The bending process of stirrup and hoop allows the minimum bend bar-end length 6~8cm (2.36~3.15 inches)
4. The adoption of foot-switch guarantees safe operation of the machine
5. Simple & easy to use



Specification

Bending angle	180° / 5 Seconds
Bending capacity	HD10-42(0.375~1.65inch)
Motor	3.7kw/5hp(4P)
Power	3Phase AC 220~415V, 50/60hz
Weight	710kg / 1,562 lb
Dimension(mm)	(L)880 (W)860 (H)750

Bars to bend at a time

Bar Thickness/mm	HD42, 32, 29	HD25, 22	HD19, 16	HD13	HD10
PCS	1	2	3	4	6

Features

1. Specially designed to be suitable for the work of civil engineering, bridge construction, subway work and also for land-base piling work
2. Dual angle adjustment device: simultaneously bends in 2 different angles: saving work time
3. The bending process of stirrup and hoop allows the minimum bend bar-end length 6~8cm (2.36~3.15 inches)
4. The adoption of foot-switch guarantees safe operation of the machine
5. Simple & easy to use
6. Able to have larger bending radius bending by changing various types of rollers: 150R, 200R, 250R, 300R, 350R, 400R

Spiral bender

TYR-HD25B

Spiral bender



TYR-HD32A

Spiral bender



Specification

Bending angle	360°
Bending capacity	HD10~25(0.375~1.00inch)
Motor	1.5kw
Power	Single phase AC 110~220V, 3Phase AC 220~415V 50/60hz
Weight	185kg / 407 lb
Dimension(mm)	(L)600 (W)550 (H)514
Mini/Max	130~2,500m/m

Specification

Bending angle	360°
Bending capacity	HD10~32(0.375~1.27inch)
Motor	2.2kw
Power	3Phase AC 220~415V, 50/60hz
Weight	535kg / 1,177 lb
Dimension(mm)	(L)838 (W)846 (H)915
Mini/Max	300~6,000m/m

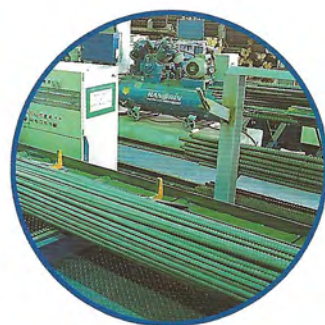
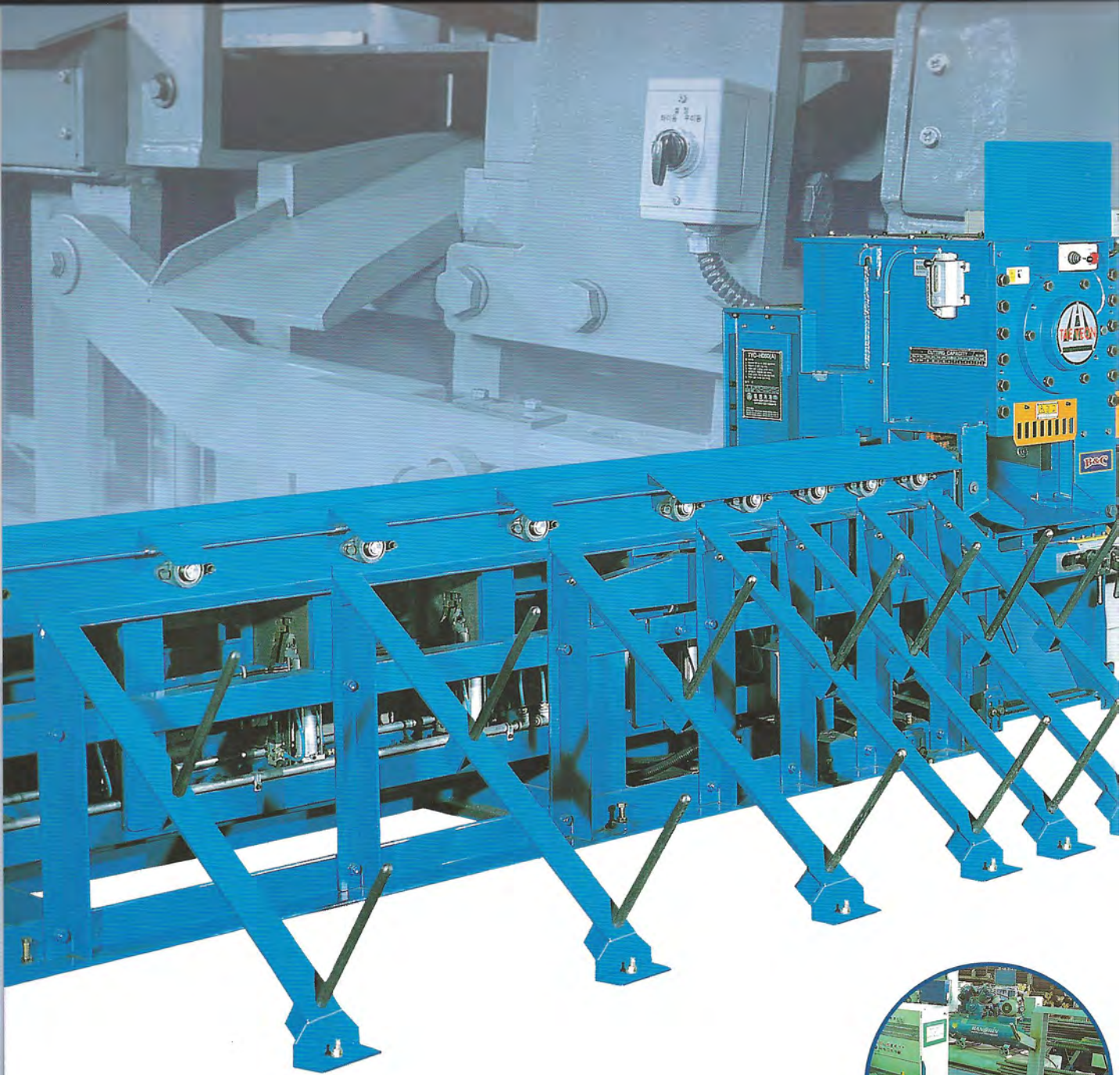
Features

1. Specially designed to be suitable for the work of civil engineering, bridge construction, subway work and also for land-base piling work
2. The diameter of spirally bent bar ranges from 130mm to 2,500mm
3. Lightly weighted comparing to the size (185kg / 407.85lb): loadable into trunk of a passenger car (portable by 2 persons)
4. Compatible with power supply at home

Features

1. Specially designed to be suitable for the work of civil engineering, bridge construction, subway work and also for land-base piling work
2. The diameter of spirally bent bar ranges from 300mm to 6,000mm
3. Powerful bending performance: spirally bend up to HD32mm (12 seconds for HD32 & 360 degree)

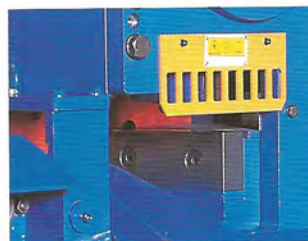




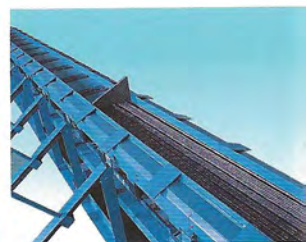
Ruler for bar length



Control Panel



Cutting blade(300×100×50)



Discharge conveyor



Automatic Rebar Cutting Line

TAC-60LM



Bars to cut at a time(D/HD)

(SD400/BS4449/ASTM A615)

Bar dia./mm	HD10	HD13	HD16	HD19	HD22	HD25	HD29	HD32	HD35	HD38	HD42
Bar dia./inch	#3(0.375)	#4(0.50)	#5(0.625)	#6(0.75)	#7(0.875)	#8(1.00)	#9(1.128)	#10(1.27)	#11(1.41)	(1.50)	#14(1.65)
TAC-60LM	25	20	15	12	9	7	5	4	2	2	1



Specification

	Cutting machine	Input conveyor urethane/steel roller, belt(optional)	Discharge conveyor urethane/steel roller, belt(optional)	Supply table	Compressor
Dimension/mm	866×1,540×1,500	706×850×10,000	756×850×13,500	1,722×1,088×8,800	
Power	7.5kw	(Geared Motor)			5.5kw

- Dimension : 26,400(L)×3,400(W)×1,840(H)
- Blade : 300(L)×100(W)×50(H)
- Weight : 12,200kg
- Cutting length : Max 12,000mm(12M)

인

전



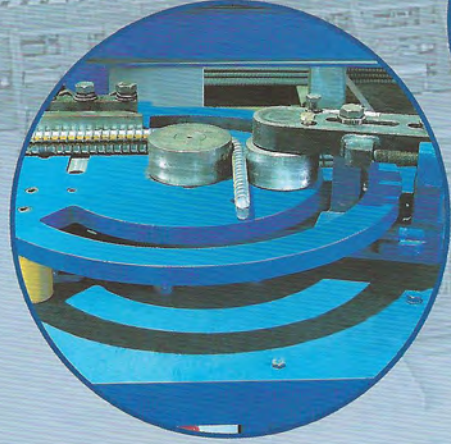
기계(주)
2002-08

전

제

© TAE YEON
B-HD42(J)

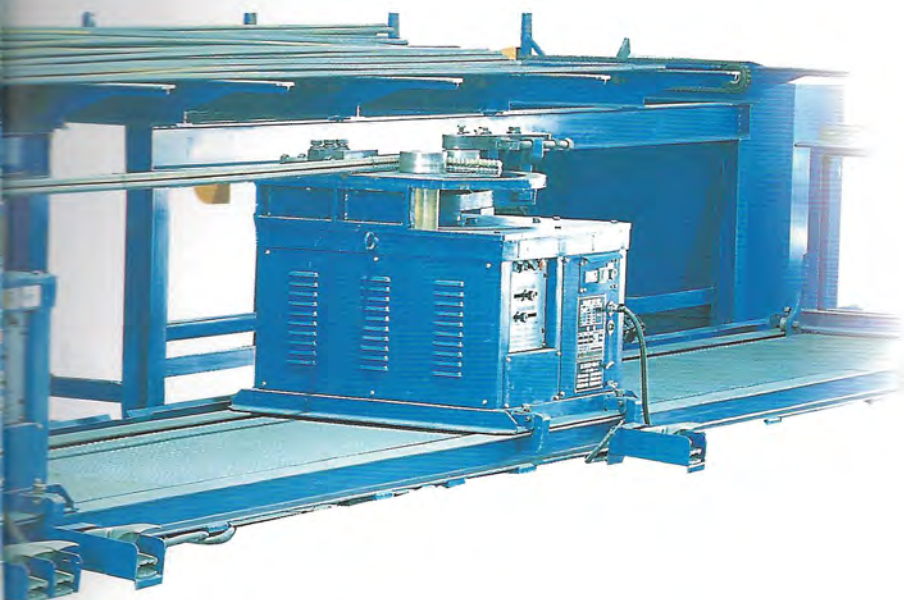
제





Automatic Rebar Bending Line

TAB-HD42D



Specification

Capacity	HD10 - HD42(0.375~1.65inch)			Power	3phase AC 220~415V, 50/60Hz
Angle	15° ~ 180°			Conveyor Speed	5.3m/min
Motor	Bending machine : 3.7kw(3p)/Supply table 1.5kw(3p · Geared moter)				
Roller	Ø68, Ø108, Ø148, Ø164, R-Jig			Rotating arm speed	180°/4.5sec
Total weight	4,400kg	Loading wt.	2,000kg	Dimension	12,000 × 2,500 × 1,356



Bars to bend at a time

(SD400/BS4449/ASTM A615)

Bar dia./mm	HD10	HD13	HD16	HD19	HD22	HD25	HD29	HD32	HD35	HD38	HD42
Bar dia./inch	#3(0.375)	#4(0.50)	#5(0.625)	#6(0.75)	#7(0.875)	#8(1.00)	#9(1.128)	#10(1.27)	#11(1.41)	(1.50)	#14(1.65)
No. of bar	6	4	3	3	2	2	2	1	1	1	1
Roller	Ø68		Ø108		Ø148		Ø164				

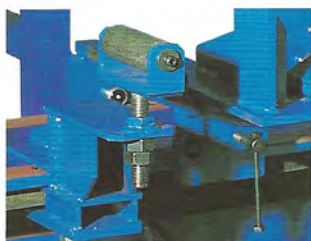
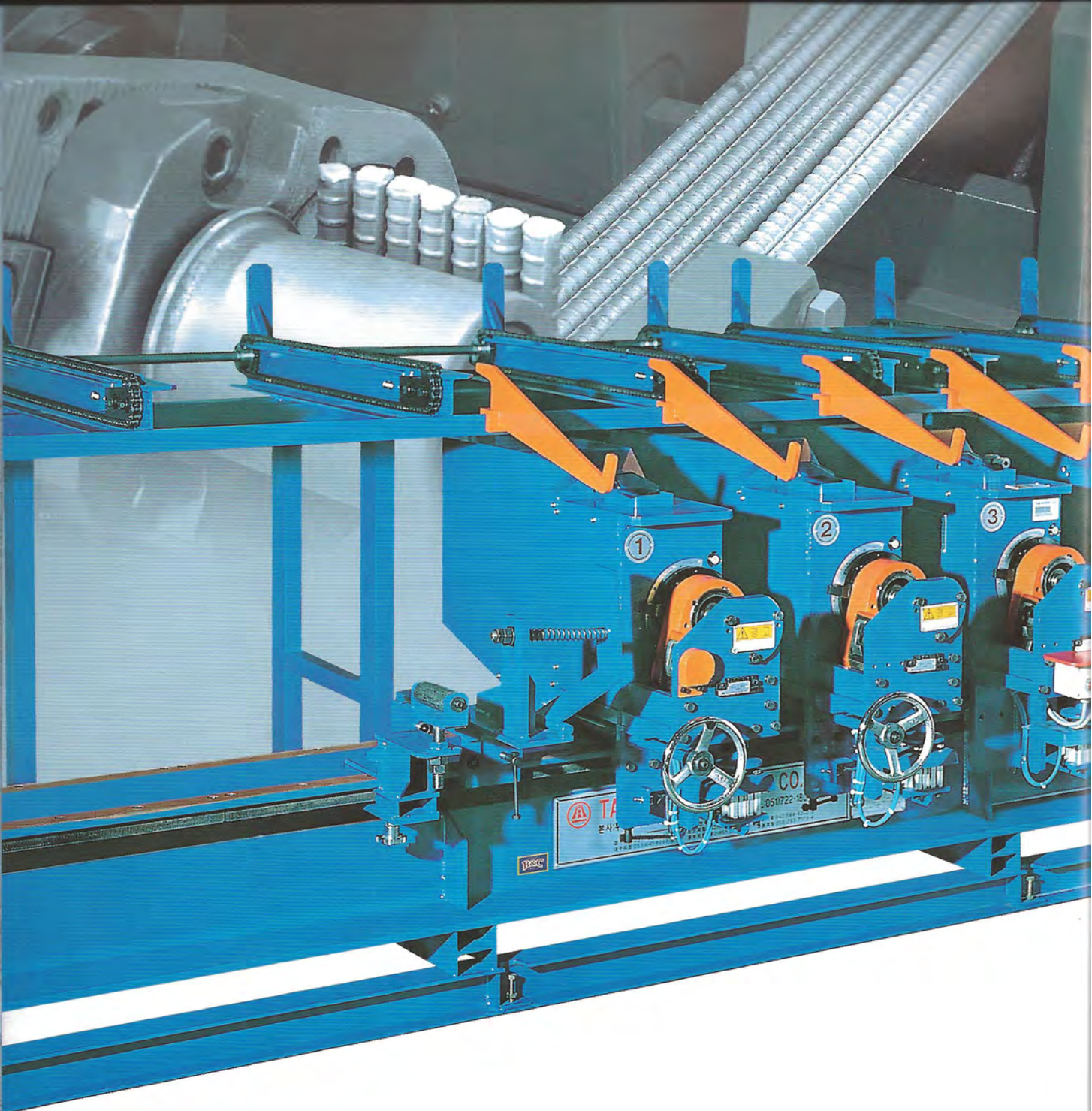


Bending form

(Based on bar of 25mm)

Single anchor	Double anchor
A (Min) : 100mm	A (Min) : 750mm
A (Max) : No limit	A (Max) : 10000mm





Rebar guider and supporter



Stirrup bending



Rebar bending

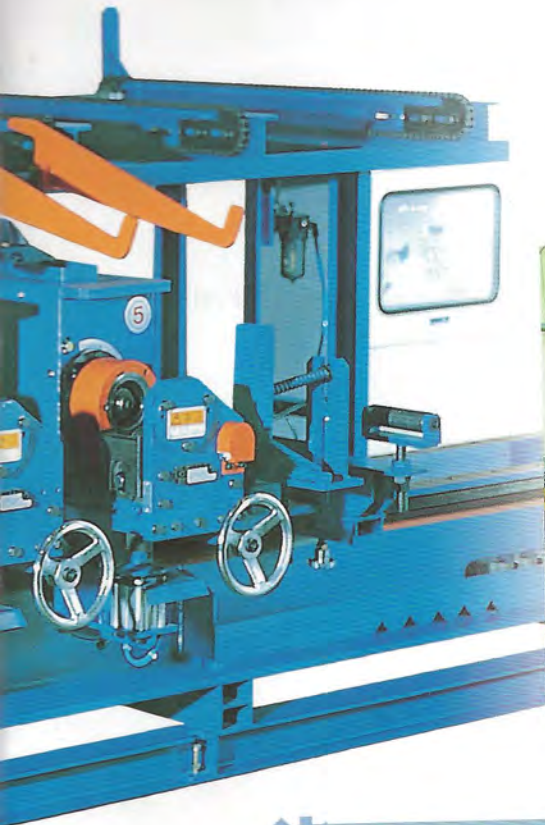


Control panel



Automatic Rebar Bending Line

TAB-HD25A



Daily workable volume (based on 8hour/day)

Form & Dimension	Dia.(mm)	No. of bar to bend at one time	No. of bars workable a day	Total wt. (kg)
	HD 10	9	$810 \times 8 = 6,480$	7,250
	HD13	7	$630 \times 8 = 5,040$	10,000
	HD16	5	$450 \times 8 = 3,600$	16,850
	HD25	1	$120 \times 8 = 960$	23,000



Specification

Capacity	HD10 - HD25(0.375~1.00inch)		Power	3Phase AC 220~415V, 50/60Hz
Angle	15° ~ 180°		Conveyor Speed	5.3m/min
Motor	Head : 1.5kw(3p - Geared motor)/Supply table : 0.75kw(3p - Geared motor)/Compressor : 2.2kw(3p)			
Roller	ø 62, ø 84		Rotating arm speed	180° /4.7sec
Total weight	4,500kg	Loading wt. 2,000kg	Dimension	8,000 × 2,200 × 1,565



Bars to bend at a time

(SD400/BS4449/ASTM A615)

Bar dia./mm	HD10	HD13	HD16	HD19	HD22	HD25
Bar dia./inch	#3(0.375)	#4(0.50)	#5(0.625)	#6(0.75)	#7(0.875)	#8(1.00)
TAB-HD25(A)	9	7	5	2	1	1



- SITE : 9,900m²
- Building : 2,970m²
- Capacity : 36,000Tons/year

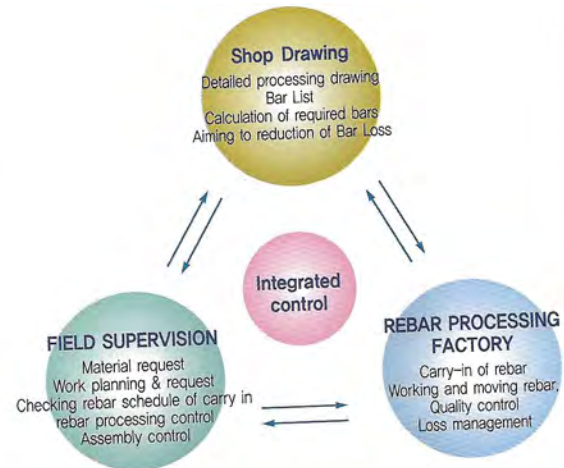
Rebar Processing Factory (TAEYEON)

We, TAEYEON GROUP,

as a leading manufacturer and exporter of Electric Rebar Bender and Cutter, are also running our own 3(three) rebar processing factories at Jangan, Onyang, and Incheon as #1 biggest factories in Korea.

In this rebar processing field, we, TAEYEON, have been playing an important role and taking responsibility as a faithful partner of construction firms here in Korea.

We are always ready to answer your questions in connection with the rebar processing business, if you have any question in this field, please feel free to contact us.



Management Flow





- SITE : 16,500 m²
- Building : 2,640 m²
- Capacity : 36,000 Tons/year

Equipments for 3,000 tons per month

(Based on 8 hours per day, 25 days per month)

1. Cutting line

Model : TAC-60LM = 4 units

Model : TPC-HD42C = 1 unit

2. Bending line

Model : TAB-HD42D = 2 units

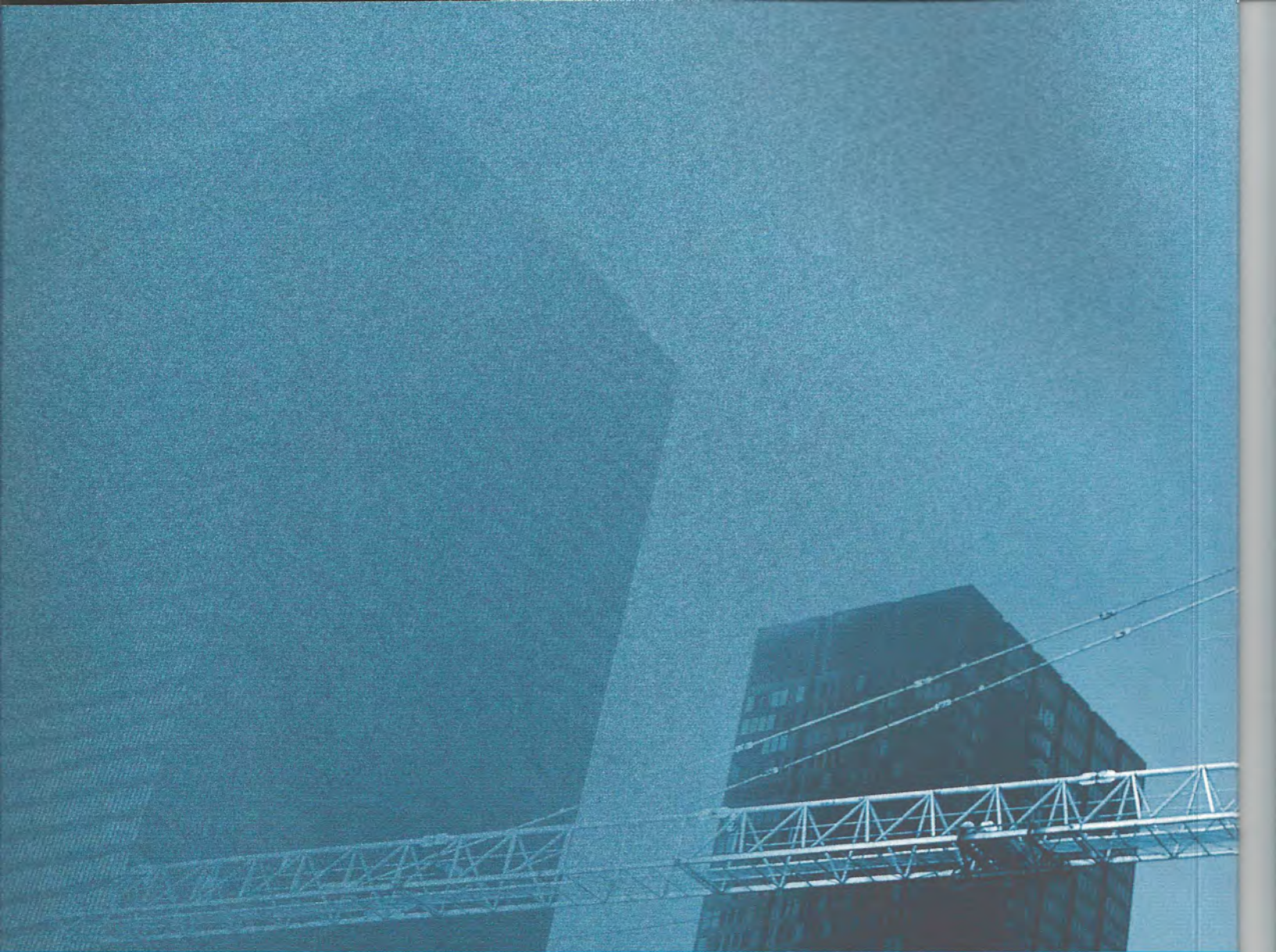
Model : TAB-HD25A = 4 units

3. Single unit

Model : TYB-D35 (General bender) = 2 units

Model : TYR-HD32A = 1 unit





C MARSHALL FABRICATION
MACHINERY, INC.



For Orders & More Information,
Call Today - (866) 399-2323

Cary Marshall
2281 Oakdale Circle
Simi Valley, CA 93063

Ph 805-527-1340 - Fax 805-527-7619
cary@cmarshallfab.com - www.cmarshallfab.com