

COPIKO

Electric Bar Bending Machine (Hydraulic System)



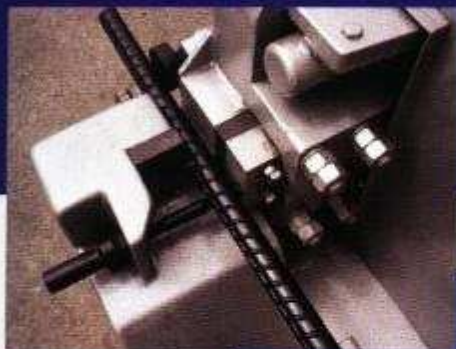
Model SKB-32 / SKB-42 / SKB 52

- ◆ Capable of bending bars of sizes 26, 32, 45 mm. up to SD 50.
- ◆ Hydraulically operated by linear bending force system designed to give smooth constant bending at all angles.
- ◆ Large strong bend arm with roller and socket. Adaptable to various bending radii as required.
- ◆ Angle adjustment knob placed on the side help keep machine top clear.
- ◆ Hydraulic valve for bending degree adjustment is controlled by mechanism link system (not limited switch in electrical system) making the equipment easily to use and durable in all climatic conditions.
- ◆ Lightweight bend control lever with wheels for easy transportation.
- ◆ One-way motor helps lessen power consumption and helps extend machine life.
- ◆ Available for available both 1 phase 220 V and 3 phases 380 V system with protection devices to prevent damage to the the motor in the event of power or phase failure.
- ◆ Parts available with quick after sales services.

Type	Capacity Bar	Motor Kw.	Dimension L x W x H	Cutting Speed/Sec.	Weight kg.
SKB-32	26 mm. 85 kp/mm ² (120000 psi) (SD 50)	1.5	1000 x 830 x 860	3.5	450
SKB-42	32 mm. 85 kp/mm ² (120000 psi) (SD 50)	2.2 / 220 3.7 / 380	1060 x 970 x 960	4.0	707
SKB-52	45 mm. 85 kp/mm ² (120000 psi) (SD 50)	5.5	1500 x 1180 x 1000	4.5	1100

COPIKO

Electric Bar Cutting Machine (Hydraulic System)



Model SKC-32 / SKC-42 / SKC 52

- ◆ Directly operating hydraulic cutting systems with a force of 80 tons.
- ◆ Can cut bars of size 26, 32, 45 mm. Up to SD 50 by using high quality blades. The blade has 4 cutting edges
- ◆ Silent, smooth and safe compared to the gear transmission type. Wheels built-in for easy transport.
- ◆ Blade space can be adjusted to suit various bar sizes, helps save time.
- ◆ Extremely strong with one-piece, 75-115 mm. Thick main-frame.
- ◆ U-shaped blade slot makes multiple bar cutting easy and prevents spreaded bar-bundle.
- ◆ Installable anywhere. Needs no concrete base.
- ◆ Double safe hydraulic system with relief and piston valve that prevent cutting of oversized bars.
- ◆ Achieved by reduction of power when the piston is at full stroke to prevent overloading and to lengthen the life of the machine.
- ◆ Available for both 1 phase 200V and 3 phases 380V 50Hz systems with protection devices to prevent damage to the motor in the event of power or phase failure.

Type	Capacity Bar	Motor Kw.	Dimension L x W x H	Cutting Speed/Sec.	Weight kg.
SKC-32	26 mm. 85 kp/mm ² (120000 psi) (SD 50)	1.5	920 x 660 x 800	3	400
SKC-42	32 mm. 85 kp/mm ² (120000 psi) (SD 50)	2.2 / 220 3.7 / 380	1060 x 800 x 940	5	680
SKC-52	45 mm. 85 kp/mm ² (120000 psi) (SD 50)	5.5	1000 x 800 x 1000	5.5	790



COPKO Stirrup Bending Machine

- Operate by hydraulic system from Italy, Mitsubishi Motor from Japan, and Blade from Germany.
- Solenoid Valves Technology results in accuracy of bending degree.
- Used for bending or folding stirrups in any dimension and from 6 up to 16mm rebar.
- Used 1.5 second per bending stroke.
- High productivity up to 600 stirrups per hour.
- Has large strong bend arm with roller and socket.
- Lightweight bend control lever with wheels for easy transportation.
- Available with single phase 220V systems.
- 1.5 Kw motor with protection devices to prevent damage to the motor in the event of power or phase failure.
- Additional equipment with 3 Stoppers helps to adjust the length of rebar which is more convenient to users.

Stirrup Bar Bender SKB-16 has capable of bending rebars at the same time as follow:

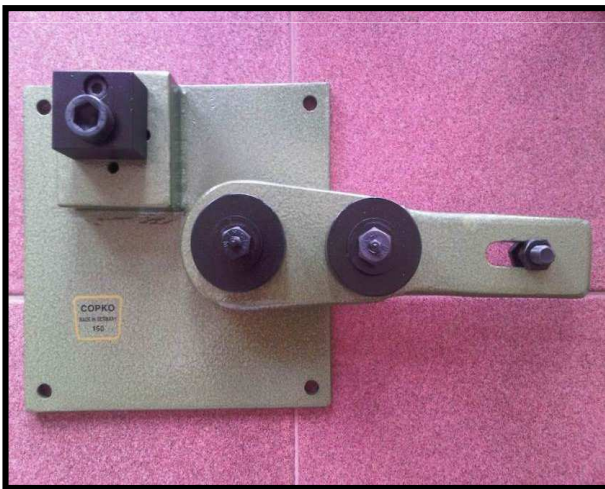
Ø 16 mm.	can bend	1 rebar (SD50)
Ø 12 mm.	can bend	3 rebars (SD50)
Ø 8 mm.	can bend	5 rebars (SD50)
Ø 6 mm.	can bend	8-10 rebars (SD50)

COPKO THAILAND CO., LTD.

9/2 Moo 2, Thasao, Kratoombaen, Samutsakhon 74110, Thailand.
Tel: (6634) 460917, 460918, Mob: (66) 819055956 Fax: (6634) 460919
Email: sale@copkogroup.com, copkothailand@yahoo.co.th
Website: <http://www.copkogroup.com>



BAR BENDER 12 mm.



BAR BENDER 22 MM.

COPKO Manual Steel Bar Bender is now very popular. The bender is durable, easy to use, and cheap. It is preferably used for bending small rebar in construction. We have 2 types as follow;

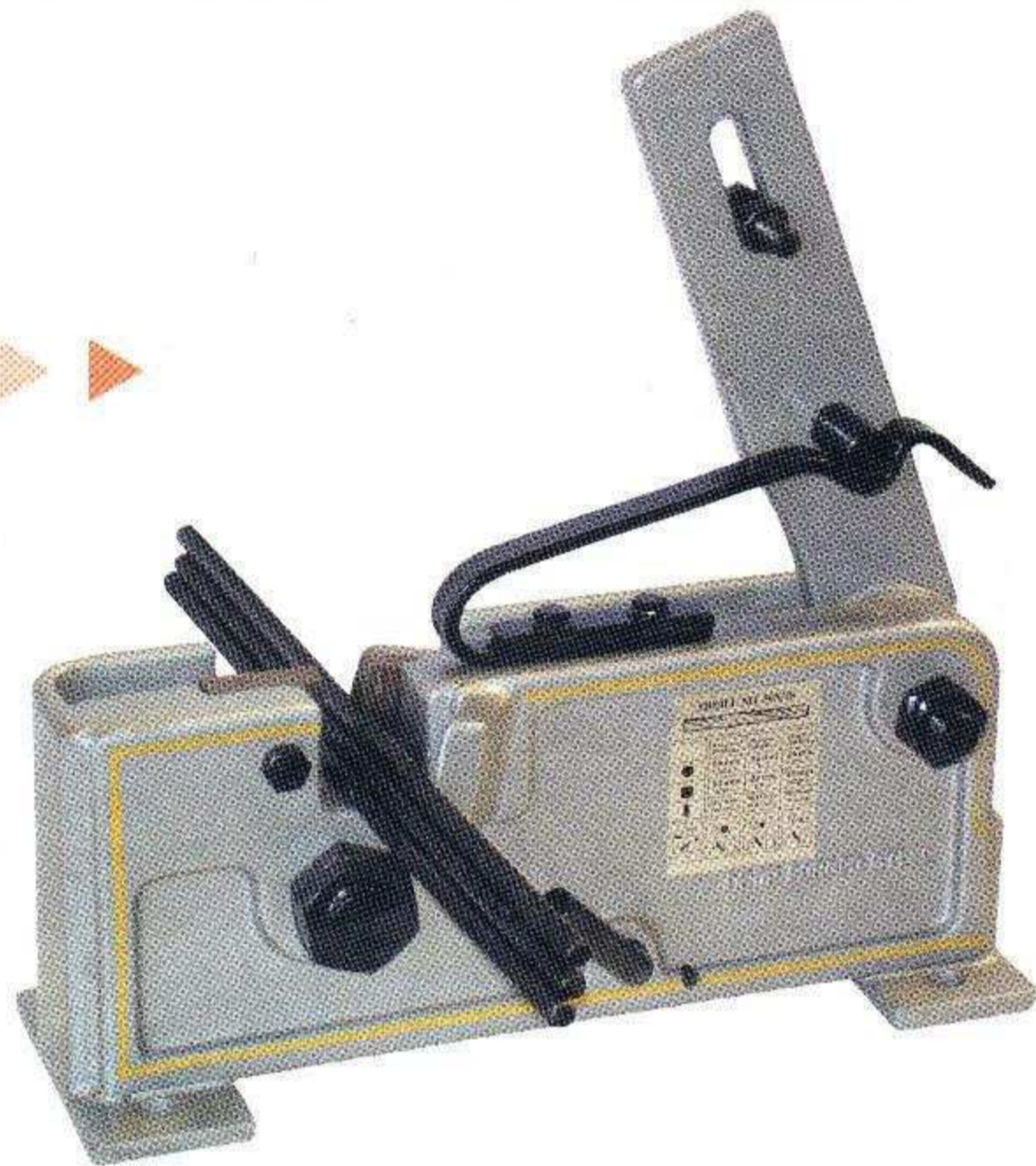
- 1) **Manual Bar Bender 12 mm.** - Designed to bend steel bar 6 to 12 mm.
- 2) **Manual Bar Bender 22 mm.** - Designed to bend steel bar up to 22mm.

The bended angles of bar would be the same in every corner using an adjustable stopper which was fixed on the machine. This makes this machine had better safety than regular long bending key. This machine can also help you save cost and labor.

COPKO THAILAND CO., LTD.

9/2 Moo 2, Thasao, Kratoombaen, Samutsakhon 74110, Thailand.
Tel: (6634) 460917, 460918, Mob: (66) 819055956 Fax: (6634) 460919
Email: sale@copkogroup.com, copkothailand@yahoo.co.th
Website: <http://www.copkogroup.com>

HEAVY DUTY DROP-FORGED STEEL HAND-OPERATED REINFORCING STEEL BAR CUTTER



Reinforcing steel bar cutter is made of Drop-Forged steel.
This bar cutter is the most suitable for construction industrial use.

Model	T50N/22	T50N/28	T50N/32
Tensile strength of	45 kp/mm ² 65,000 p.s.i.	45 kp/mm ² 65,000 p.s.i.	45 kp/mm ² 65,000 p.s.i.
Round	22 mm. 7/8 inch	28 mm. 1 3/32 inch	32 mm. 1 1/4 inch
Square	20 mm. 25/32 inch	24 mm. 15/16 inch	26 mm. 1 inch
Flat	35 x 10 mm. 1 3/8 x 3/8 inch	40 x 16 mm. 1 9/16 x 5/8 inch	45 x 16 mm. 1 3/4 x 5/8 inch
Size of blade	Length 35 mm. Thickness 10 mm.	Length 45 mm. Thickness 15 mm.	Length 50 mm. Thickness 15 mm.
Approx. weight	13 kgs.	29 kgs.	39 kgs.

Outstanding quality features:

- The body, gear lever and gear body are made of high carbon steel and formed by "Forging"
- Bar cutter is equipped with a particularly sturdy gear lever transmission transmitting the force directly to the shear part,
- For keeping the part of the hand lever as short as possible when cutting thin as well as thick reinforcing bars and for reducing the power requirements, the shearing jaw clearance of the T50N Series are adjustable. The lever located on the left hand side of the machine is for setting the shearing jaw clearance to the thickness to be cut.
- The hand lever of the T50N Series, in basic position, is secured by a retaining spring to prevent accidental falling down.
- The T50N Series are equipped with high quality blade from Bohler, Germany. The blade has two cutting edges. The steel quality of the blade is such that any kind of reinforcing bars can be cut.



COPKO BRAND



HAND OPERATED PLATE, BAR AND SECTION STEEL SHEARING MACHINE

Model 3S/5R and 3S/6R

"COPKO BRAND" Model 3S/5R & 3S/6R Plate & Steel Shears are designed for a wide field of applications. Light and easy efficient operation, yet very sturdy in construction.

- The formed body is made of open-hearth SM steel plates.
- The cutting blades fitted are carefully and accurately ground to give easy, clean quick cuts free of burrs even after using for long time.
- These special features help the operators save a great deal of their energy.

Model 4S/8R

"COPKO BRAND" Model 4S/8R Plate & Steel Shears is ideal for the medium size workshop due to its efficient and versatile users.

- Being easily transportable, this model can also be used at site.
- The body is formed from a single piece of SM steel plate.
- Perfect passage of plate with uniform cutting clearance along the entire length of the blade gives reliable cuts free of burrs.
- Changing of blade simple and faster by loosening of two screws.
- The footplates are reinforced with bracing angles so that they give firm stability to the shear.

Model 5S/8R

"COPKO BRAND" Model 5S/8R Plate & Bar and section Shear is an economical, efficient and reliable piece of equipment in a workshop engage in the field of civil engineering construction and fabrication in particular.

- The machine body, constructed from open-hearth SM steel plates, is neither formed nor riveted but electrically welded together to make it a sturdy stable unit capable to withstand highest stresses due to heavy duty usage.
- The footplates are reinforced with bracing angles so that they give firm stability to the shear.
- The slide securing the blade is milled from a solid SM steel plate.
- Horizontal swivelling down-holder adjustable to any desired thickness of materials to be cut.
- Down-holder for sections adjustable to each size of section.
- The machine is provided with section knives with sliding blades which can be adjusted by hand to make 90 cuts on angles and T-sections of different sizes as well as with openings for cutting round and square bars.
- The shear knives can be changed by loosening two screws each.
- The section knives are designed as insert knives. To change them, only four screws have to be removed to pull the blades easily out of the machine body.



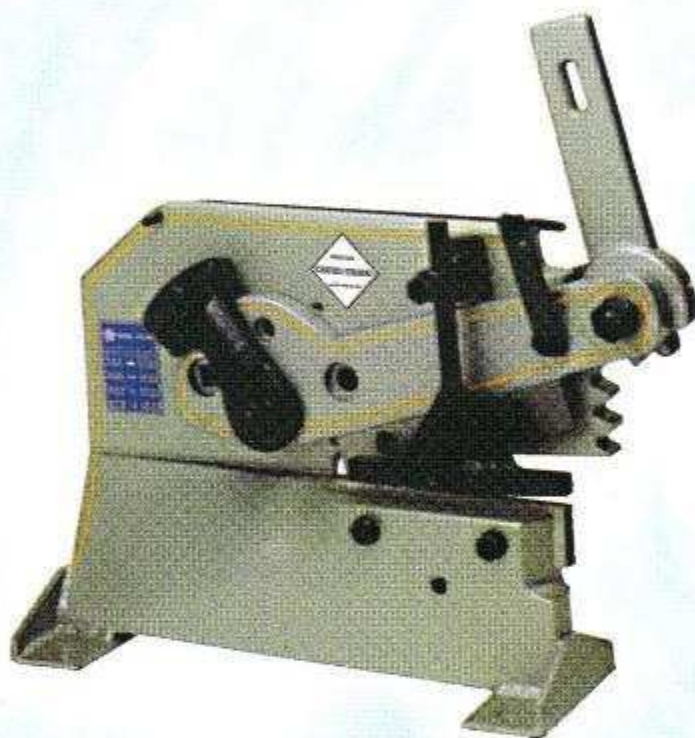
Model 3S/5R, 3S/6R and 3S/4L

Model 3S/5R, 3S/6R and 3S/4L

	Model 3S/5R	Model 3S/6R	Model 3S/4L
Tensile strength of SHEETS	45kp/mm ² 5 mm. 3/16 inch	45kp/mm ² 6 mm. 1/4 inch	45kp/mm ² 4 mm. 5/32 inch
FLAT	70 x 6 mm. 2 ^{3/4} x 1/4 inch	70 x 7 mm. 2 ^{3/4} x 9/32 inch	70 x 7 mm. 2 ^{3/4} x 9/32 inch
ROUND	10 mm. 7/16 inch	13 mm. 1/2 inch	13 mm. 1/2 inch
Blade Length	160 mm. 6 ^{1/4} inch	200 mm. 8 inch	300 mm. 12 inch
Net Weight	9 kgs.	20 kgs.	27 kgs.

Subject to design alterations for improvement.

This model is equipped with a well design toggle-lever power transmission, strong hold-down and lever retaining spring which prevents hand lever from falling and also acts as a counter balance for the dead weight of the lever.



Model 4S/8R

Model 4S/8R

	Model 4S/8R	
Tensile strength of SHEETS	45kp/mm ² 8 mm. 5/16 inch	
FLAT	100 x 10 mm.	4 x 3/8 inch
ROUND	22 mm.	7/8 inch
SQUARE	18 mm.	23/32 inch
Ls in 2 operation	40 x 5 mm.	1 ^{1/2} x 3/6 inch
Ts in 2 operation	40 x 5 mm.	1 ^{1/2} x 3/16 inch
Blade Length	200 mm.	8 inch
Net Weight	40 kgs.	

Subject to design alterations for improvement.

This model is equipped with a well designed and accurately machined forged toothed lever drive power transmission, adjustable shearing part, vertical hold-down adjustable to any desired thickness of materials to be cut and lever retaining spring which is in conformity with safety requirements.



Model 5S/8R and 5S/10R

Model 5S/8R and 5S/10R

	Model 5S/8R	Model 5S/10R
Tensile strength of SHEETS	45kp/mm ² 8 mm.	45kp/mm ² 10 mm.
FLAT	80 x 12 mm.	90 x 14 mm.
ROUND	20 mm.	22 mm.
SQUARES	18 mm.	20 mm.
Ls Rectangular cut in 1 operation	50 x 6 mm.	60 x 7 mm.
Ts Rectangular cut in 1 operation	50 x 6 mm.	60 x 7 mm.
Blade Length	175 mm.	175 mm.
Net Weight	82 kgs.	106 kgs.

Subject to design alterations for improvement.

This model is equipped with a rack and pinion drive which is made of forged steel and accurately machined. Transmission of power to the slide is made by means of drive bars. The drive bars have two holes. The connecting bolt between bars and slide can be reversed so that the rear hole can be used for heavy materials and the front hole for light materials. A lever retaining spring to prevent the hand lever from falling and holding it safe in any position is provided.