

PRODUCT CATALOGUE



FOR LIVES
Shaped By
METAL





OUR COMPANY

Founded in 2001 with a strong Turkish-American partnership, SAY-MAK currently operates in a total of 10.000 m² production facility. With 20 years of experience and visionary management, our company has become a production powerhouse for metalworking sectors both in domestic and international markets, proven the quality of it's products as an established brand and non-stop marches on towards it's goals as being a strong and active player in newer markets through it's sales & marketing network and solution-oriented approach.

SAY-MAK brand pays utmost attention & importance to R&D, constantly renews itself, increases productivity by taking into account the expectations and demands of customers, ensures the participation of the personnel wholeheartedly, aims standardization in all business processes and attaches importance to estheticity as well as technical features of products; thus increases it's confidence and potential day-by-day.

COMPANY HISTORY

2001

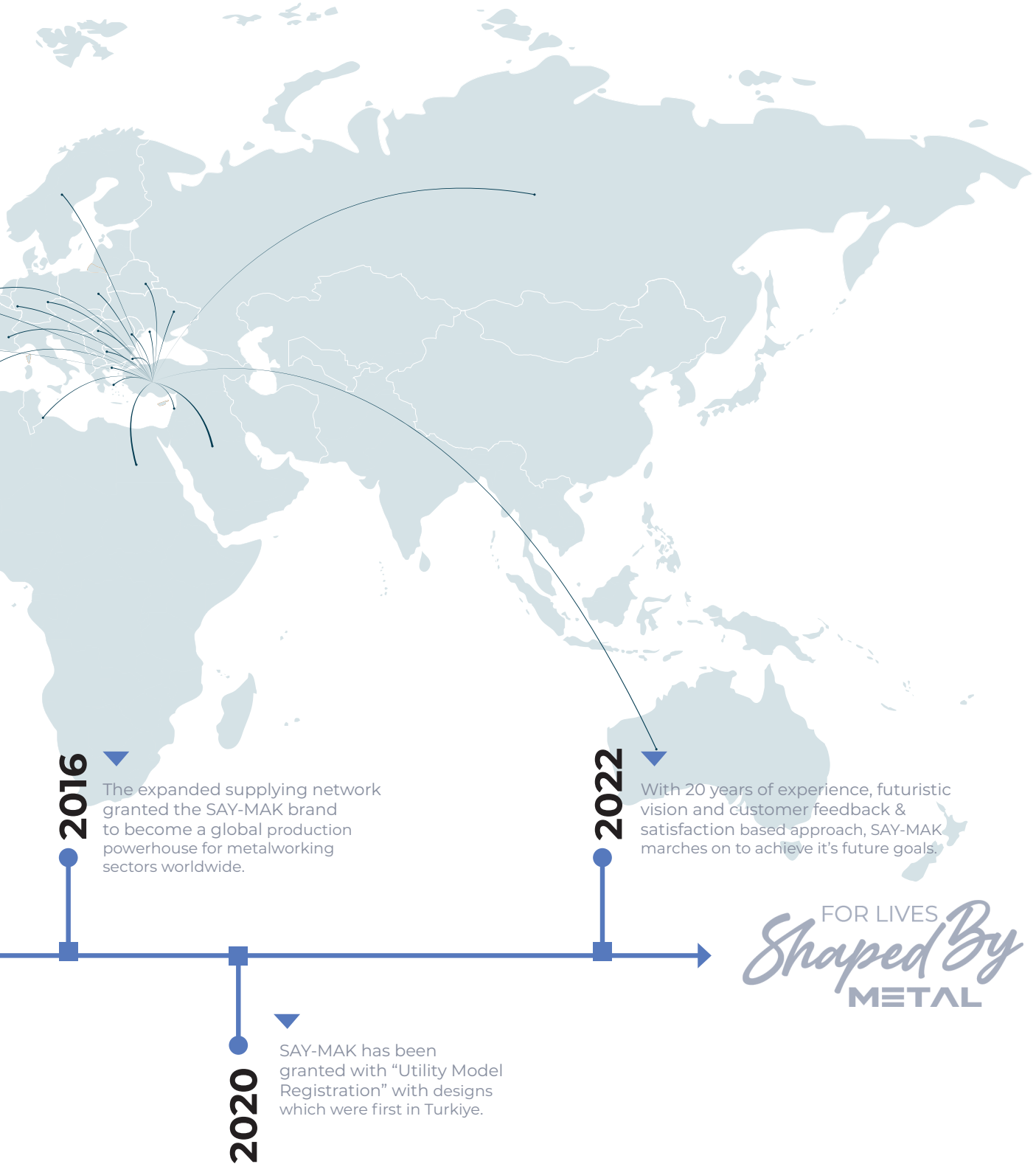
SAY-MAK has been founded with a strong Turkish-American partnership supplying quality metalworking machinery pre-dominantly to United States and Europe.

2006

SAY-MAK's exportation extent very fastly reached worldwide levels and SAY-MAK became one of the top of global metalworking machinery brands.

2011

With a strongly established dealer network in America and Europe, SAY-MAK continued to grow and supply big markets with it's production.



PRODUCT GROUPS



SHEET METAL CUTTING MACHINES

- ▶ SRGM : 8
- ▶ SRGM-H : 12
- ▶ SRGM-FR : 14
- ▶ SRGM-HFR : 16
- ▶ SRGM-CL : 18
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- ▶ SHKM 45-60 : 22
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- ▶ SCM-D : 34
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SHEET METAL BENDING MACHINES

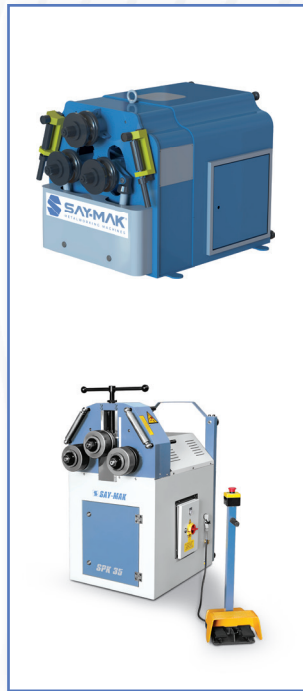
- ▶ SMRM-S : 40
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- ▶ SR : 50

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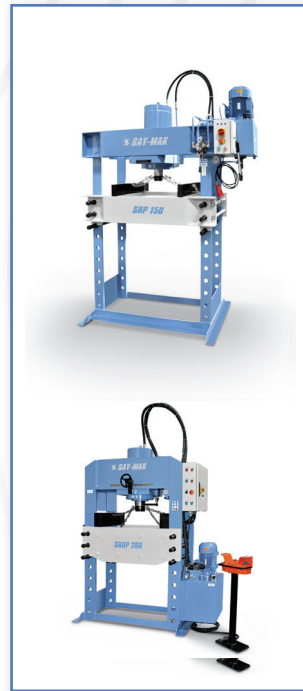
OTHER SHEET METAL PROCESSING MACHINES

- ▶ SKMP&SK : 52
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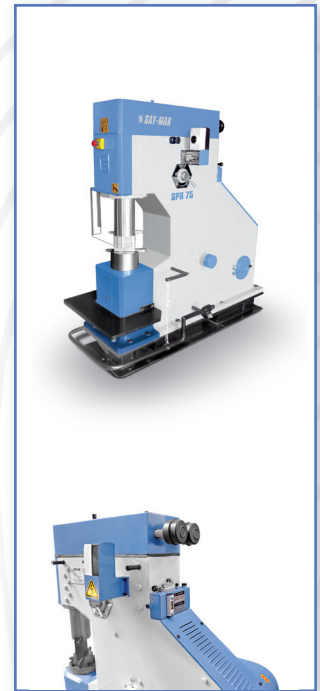
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- ▶ SHPK 65-80-100 : 58
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- ▶ SHP : 62
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- ▶ SPH : 70
- ▶ SPH DIES : 72

SRGM SERIES COMPARISON TABLE



SRGM

	1100	1360	1560	2060	2560	3060	3200	4200
CUTTING CAPACITY	6.0	6.0	5.0	4.0	4.0	4.0	4.0	3.0
MANUAL BACK GAUGE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NC CONTROLLED BACK GAUGE 750 MM	S	S	S	S	S	S	S	S
NC CONTROLLED BACK GAUGE 1000 MM	O	O	O	O	O	O	O	O
MANUAL RETURN-TO-SENDER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PNEUMATIC SHEET SUPPORT SYSTEM WITH RETURN-TO-REAR FEATURE	O	O	O	O	O	O	O	O
PNEUMATIC SHEET SUPPORT SYSTEM WITH RETURN-TO-SENDER & RETURN-TO-REAR FEATURE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TABLE WITH BALL TRANSFER	S	S	S	S	S	S	S	S
CUTTING LINE ILLUMINATION WITH SHADOW WIRE	S	S	S	S	S	S	S	S
REAR SAFETY COVER - WITH PHOTOCELL	S	S	S	S	S	S	S	S
REAR SAFETY COVER - WITH LIGHT GUARD	O	O	O	O	O	O	O	O
FOOT PEDAL	S	S	S	S	S	S	S	S
BLADE GAP ADJUSTMENT	S	S	S	S	S	S	S	S
CUTTING UNIT COUNTER	S	S	S	S	S	S	S	S
ANGULAR CUTTING DEVICE	O	O	O	O	O	O	O	O

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SRGM-H



SRGM-FR



SRGM- HFR

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SRGM



SRGM GENERAL FEATURES

- ▶ Welded steel construction
- ▶ High carbon/high chrome, two edged top and four edged bottom blades
- ▶ Cutting beam working in perfectly sliding, durable teflon slideways
- ▶ Easy blade gap adjustment in front
- ▶ Mechanical sheet clamping system

SHEET METAL CUTTING MACHINES

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DIRECT - GEAR MOTORISED GUILLOTINES



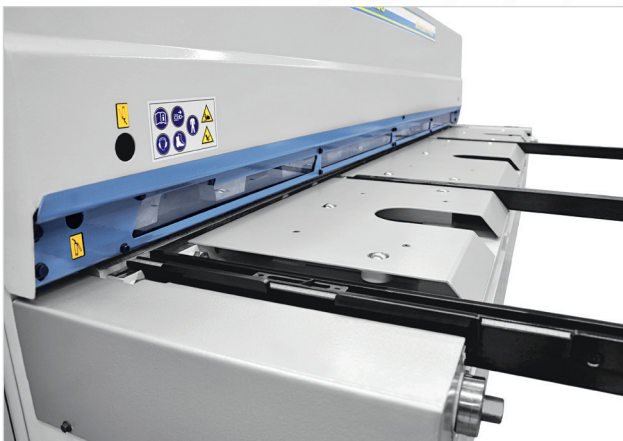
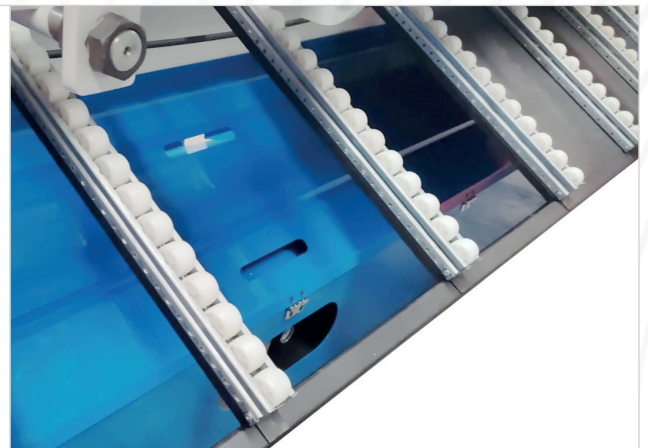
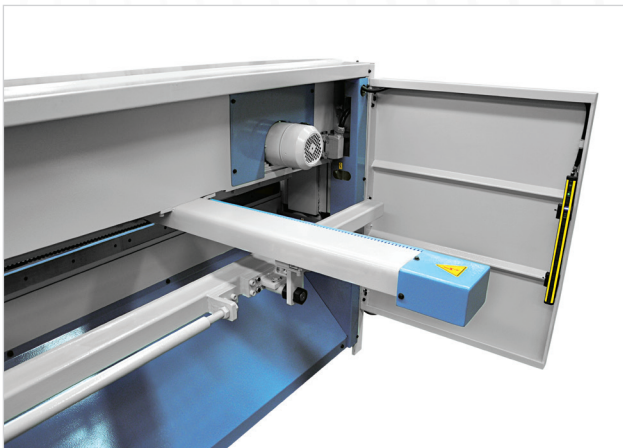
SRGM STANDARD EQUIPMENT

- ▶ NC controlled back gauge with 750 mm stroke
- ▶ Squaring arm with T-slot, stopper and ruler
- ▶ Foot pedal
- ▶ Cutting unit counter
- ▶ Front sheet holding arms
- ▶ Finger protection cages
- ▶ Rear protection cages with photocell
- ▶ Table with ball transfer
- ▶ Cutting line illumination with shadow wire

SRGM OPTIONAL EQUIPMENT

- ▶ NC controlled back gauge with 1000 mm stroke
- ▶ Pneumatic sheet support system with Return-to-Rear feature
- ▶ Rear protection cages with light barrier
- ▶ 0-180° angular cutting device
- ▶ ELGO P40T touch-screen NC control unit
- ▶ FUJI Monitouch touch-screen NC control unit
- ▶ Longer squaring arm and front sheet holding arms up to 3000 mm
- ▶ Front operated manual back gauge with ball screw

DIRECT - GEAR MOTORISED GUILLOTINES



SHEET METAL CUTTING MACHINES

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DIRECT - GEAR MOTORISED GUILLOTINES

SRGM MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	STROKES PER MINUTE	MOTOR POWER	TABLE HEIGHT	TABLE WIDTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	cuts/min	kW	mm	mm	mm	mm	mm	kg
SRGM 1100	6.0	1100	31	7.5	800	455	2250	1750	1400	2000
SRGM 1360	6.0	1360	31	7.5	800	455	2250	2050	1400	2300
SRGM 1560	5.0	1560	31	7.5	800	455	2250	2250	1400	2500
SRGM 2060	4.0	2060	31	7.5	800	455	2250	2700	1400	3000
SRGM 2560	4.0	2560	31	7.5	800	455	2250	3200	1400	3500
SRGM 3060	4.0	3060	31	11.0	800	455	2250	3700	1400	4000
SRGM 3200	4.0	3200	31	11.0	800	455	2250	4300	1400	4400
SRGM 4200	3.0	4200	31	11.0	800	455	2250	5300	1400	5300



SRGM-H



SRGM-H GENERAL FEATURES

- ▶ Welded steel construction
- ▶ High carbon/high chrome, two edged top and four edged bottom blades
- ▶ Cutting beam working in perfectly sliding, durable teflon slideways
- ▶ Mechanical sheet clamping system

SHEET METAL CUTTING MACHINES

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DIRECT - GEAR MOTORISED GUILLOTINES (LIGHT TYPE)

SRGM-H STANDARD EQUIPMENT

- ▶ Manual back gauge with 750 mm stroke
- ▶ Squaring arm with ruler
- ▶ Foot pedal
- ▶ Cutting unit counter
- ▶ Front sheet holding arms
- ▶ Finger protection cages
- ▶ Rear protection cages with photocell
- ▶ Cutting line illumination with shadow wire

SRGM-H OPTIONAL EQUIPMENT

- ▶ NC controlled back gauge with 750 mm stroke
- ▶ NC controlled back gauge with 1000 mm stroke
- ▶ Pneumatic sheet support system with Return-to-Rear feature
- ▶ Rear protection cages with light barrier
- ▶ 0-180° angular cutting device
- ▶ ELGO P40T touch-screen NC control unit
- ▶ FUJI Monitouch touch-screen NC control unit
- ▶ Longer squaring arm and front sheet holding arms up to 3000 mm
- ▶ Front operated manual back gauge with ball screw



SRGM-H MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	STROKES PER MINUTE	MOTOR POWER	TABLE HEIGHT	TABLE WIDTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	cuts/min	kw	mm	mm	mm	mm	mm	kg
SRGM-H 1100	3.0	1100	35	3.0	810	390	2100	1720	1260	1100
SRGM-H 1360	3.0	1360	35	3.0	810	390	2100	1920	1260	1250
SRGM-H 1560	3.0	1560	35	3.0	810	390	2100	2100	1260	1500
SRGM-H 2060	3.0	2060	35	4.0	810	390	2100	2650	1260	1750
SRGM-H 2560	2.5	2560	35	4.0	810	390	2100	3150	1260	1950
SRGM-H 3060 *	3.0	3060	35	7.5	810	455	2100	3650	1260	3000

* Easy blade gap adjustment in front, Table with ball transfer

SRGM-FR



SRGM-FR GENERAL FEATURES

- ▶ Welded steel construction
- ▶ High carbon/high chrome, two edged top and four edged bottom blades
- ▶ Cutting beam working in perfectly sliding, durable teflon slideways
- ▶ Easy blade gap adjustment in front
- ▶ Mechanical sheet clamping system

SHEET METAL CUTTING MACHINES

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DIRECT - GEAR MOTORISED GUILLOTINES WITH RETURN-TO-SENDER

SRGM-FR STANDARD EQUIPMENT

- ▶ NC controlled back gauge with 750 mm stroke
- ▶ Manual Return-to-Sender
- ▶ Squaring arm with T-slot, stopper and ruler
- ▶ Foot pedal
- ▶ Cutting unit counter
- ▶ Front sheet holding arms
- ▶ Finger protection cages
- ▶ Rear protection cages with photocell
- ▶ Table with ball transfer
- ▶ Cutting line illumination with shadow wire

SRGM-FR OPTIONAL EQUIPMENT

- ▶ NC controlled back gauge with 1000 mm stroke
- ▶ Pneumatic sheet support system with Return-to-Sender & Return-to-Rear feature
- ▶ Rear protection cages with light barrier
- ▶ 0-180° angular cutting device
- ▶ ELGO P40T touch-screen NC control unit
- ▶ FUJI Monitouch touch-screen NC control unit
- ▶ Longer squaring arm and front sheet holding arms up to 3000 mm
- ▶ Front operated manual back gauge with ball screw



SRGM-FR MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	STROKES PER MINUTE	MOTOR POWER	TABLE HEIGHT	TABLE WIDTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	cuts/min	kw	mm	mm	mm	mm	mm	kg
SRGM-FR 1100	6.0	1100	31	7.5	880	455	2250	1750	1400	2050
SRGM-FR 1360	6.0	1360	31	7.5	880	455	2250	2050	1400	2350
SRGM-FR 1560	5.0	1560	31	7.5	880	455	2250	2250	1400	2550
SRGM-FR 2060	4.0	2060	31	7.5	880	455	2250	2700	1400	3100
SRGM-FR 2560	4.0	2560	31	7.5	880	455	2250	3200	1400	3600
SRGM-FR 3060	4.0	3060	31	11.0	880	455	2250	3700	1400	4100
SRGM-FR 3200	4.0	3200	31	11.0	880	455	2250	4300	1400	4500
SRGM-FR 4200	3.0	4200	31	11.0	880	455	2250	5300	1400	5400

SRGM-HFR



SRGM-HFR GENERAL FEATURES

- ▶ Welded steel construction
- ▶ High carbon/high chrome, two edged top and four edged bottom blades
- ▶ Cutting beam working in perfectly sliding, durable teflon slideways
- ▶ Easy blade gap adjustment in front
- ▶ Mechanical sheet clamping system

SHEET METAL CUTTING MACHINES

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DIRECT - GEAR MOTORISED GUILLOTINES WITH RETURN-TO-SENDER (LIGHT TYPE)

SRGM-HFR STANDARD EQUIPMENT

- ▶ NC controlled back gauge with 750 mm stroke
- ▶ Manual Return-to-Sender
- ▶ Squaring arm with T-slot, stopper and ruler
- ▶ Foot pedal
- ▶ Cutting unit counter
- ▶ Front sheet holding arms
- ▶ Finger protection cages
- ▶ Rear protection cages with photocell
- ▶ Table with ball transfer
- ▶ Cutting line illumination with shadow wire

SRGM-HFR OPTIONAL EQUIPMENT

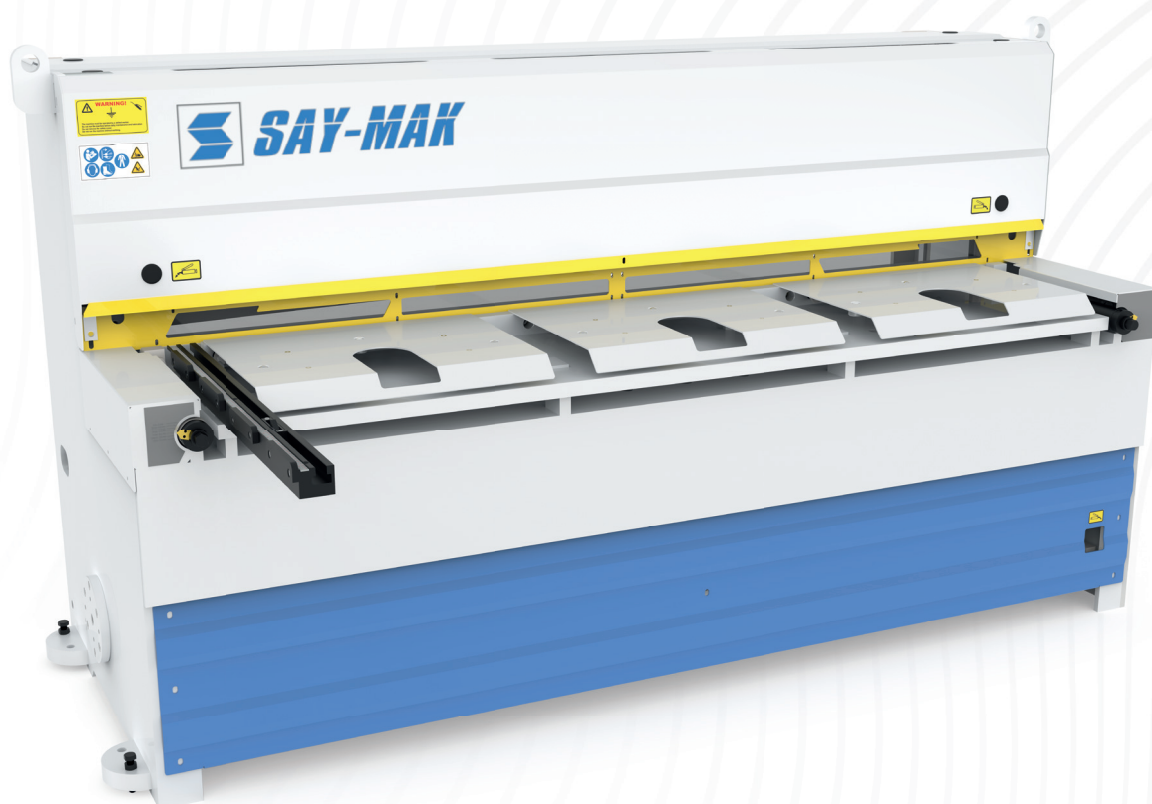
- ▶ NC controlled back gauge with 1000 mm stroke
- ▶ Pneumatic sheet support system with Return-to-Sender & Return-to-Rear feature
- ▶ Rear protection cages with light barrier
- ▶ 0-180° angular cutting device
- ▶ ELGO P40T touch-screen NC control unit
- ▶ FUJI Monitouch touch-screen NC control unit
- ▶ Longer squaring arm and front sheet holding arms up to 3000 mm
- ▶ Front operated manual back gauge with ball screw



SRGM-HFR MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	STROKES PER MINUTE	MOTOR POWER	TABLE HEIGHT	TABLE WIDTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	cuts/min	kw	mm	mm	mm	mm	mm	kg
SRGM-HFR 1320	3.0	1320	35	3.0	880	390	2100	1920	1330	1400
SRGM-HFR 1520	3.0	1520	35	3.0	880	390	2100	2100	1330	1700
SRGM-HFR 2020	3.0	2020	35	4.0	880	390	2100	2650	1330	2000
SRGM-HFR 2520	2.5	2520	35	4.0	880	390	2100	3150	1330	2200
SRGM-HFR 3020	3.0	3020	35	7.5	880	455	2100	3650	1330	3100

SRGM-CL



SRGM-CL GENERAL FEATURES

- ▶ Welded steel construction
- ▶ High carbon/high chrome, two edged top and four edged bottom blades
- ▶ Cutting beam working in perfectly sliding, durable teflon slideways
- ▶ Easy blade gap adjustment in front
- ▶ Mechanical sheet clamping system
- ▶ Can be integrated to Cut-to-Length Line Systems

SHEET METAL CUTTING MACHINES

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DIRECT-GEAR MOTORISED GUILLOTINES FOR CUT-TO-LENGTH LINES

SRGM-CL STANDARD EQUIPMENT

- Squaring arm with T-slot, stopper and ruler
- Front sheet holding arms
- Finger protection cages
- Table with ball transfer
- Cutting line illumination with shadow wire

SRGM-CL OPTIONAL EQUIPMENT

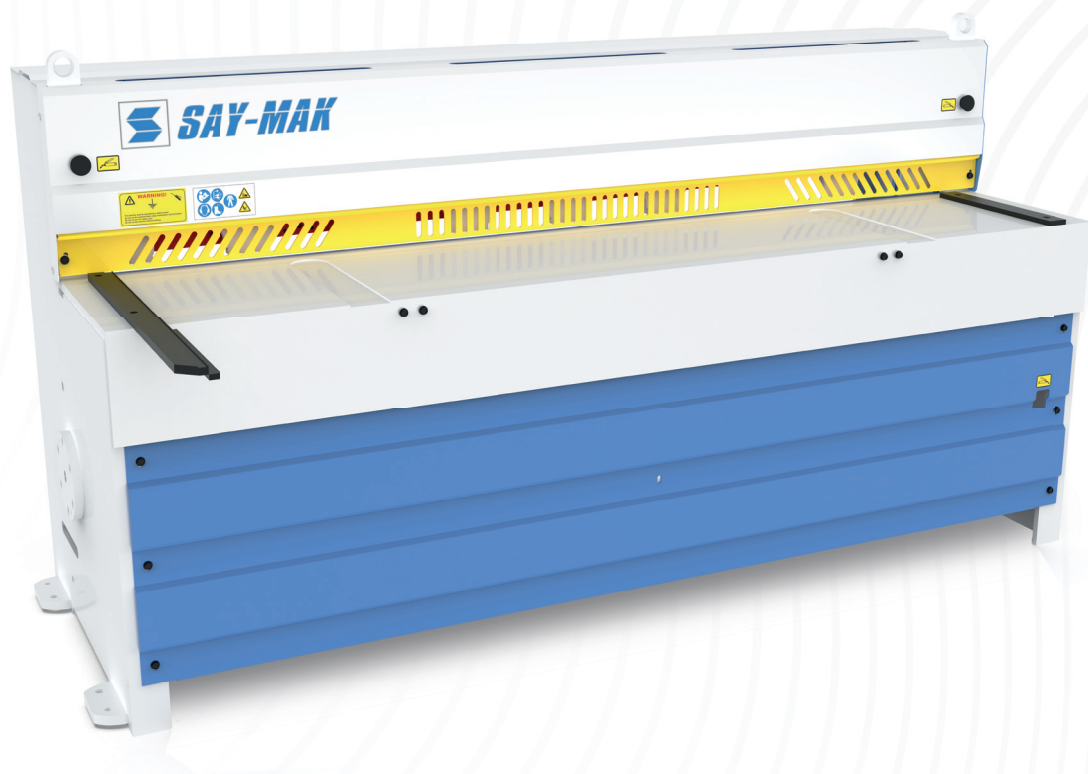
- Electrical box
- Rear protection cages with photocell
- Rear protection cages with light barrier



SRGM-CL MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	STROKES PER MINUTE	MOTOR POWER	TABLE HEIGHT	TABLE WIDTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	cuts/min	kW	mm	mm	mm	mm	mm	kg
SRGM-CL 1100	6.0	1100	31	7.5	800	455	1250	1750	1400	1900
SRGM-CL 1360	6.0	1360	31	7.5	800	455	1250	2050	1400	2200
SRGM-CL 1560	5.0	1560	31	7.5	800	455	1250	2250	1400	2400
SRGM-CL 2060	4.0	2060	31	7.5	800	455	1250	2700	1400	2900

SRGM-HCL



SRGM-HCL GENERAL FEATURES

- ▶ Welded steel construction
- ▶ High carbon/high chrome, two edged top and four edged bottom blades
- ▶ Cutting beam working in perfectly sliding, durable teflon slideways
- ▶ Mechanical sheet clamping system
- ▶ Can be integrated to Cut-to-Length Line Systems

SHEET METAL CUTTING MACHINES

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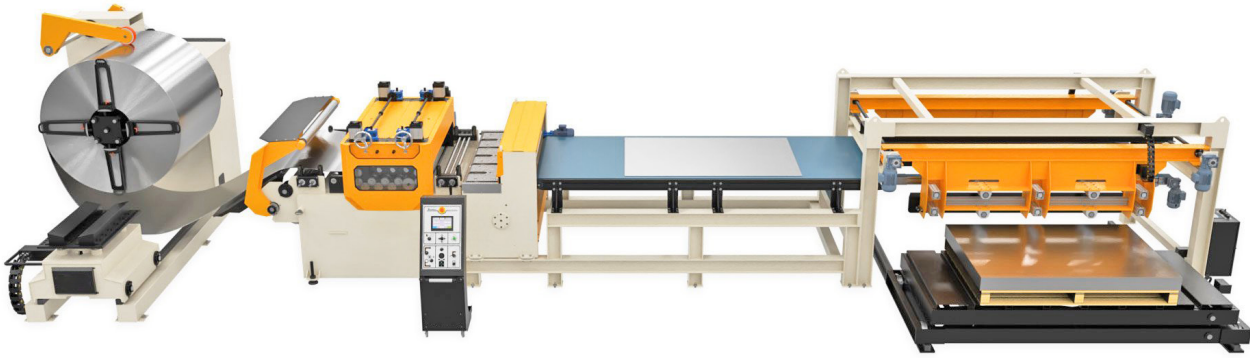
DIRECT-GEAR MOTORISED GUILLOTINES FOR CUT-TO-LENGTH LINES (LIGHT TYPE)

SRGM-HCL STANDARD EQUIPMENT

- ▶ Squaring arm with T-slot, stopper and ruler
- ▶ Front sheet holding arms
- ▶ Finger protection cages
- ▶ Table with ball transfer
- ▶ Cutting line illumination with shadow wire

SRGM-HCL OPTIONAL EQUIPMENT

- ▶ Electrical box
- ▶ Rear protection cages with photocell
- ▶ Rear protection cages with light barrier



SRGM-HCL MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	STROKES PER MINUTE	MOTOR POWER	TABLE HEIGHT	TABLE WIDTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	cuts/min	kW	mm	mm	mm	mm	mm	kg
SRGM-HCL 1100	3.0	1100	35	3.0	810	390	1300	1720	1260	1050
SRGM-HCL 1360	3.0	1360	35	3.0	810	390	1300	1920	1260	1200
SRGM-HCL 1560	3.0	1560	35	3.0	810	390	1300	2100	1260	1450
SRGM-HCL 2060	3.0	2060	35	4.0	810	390	1300	2650	1260	1700

SHKM 45-60



HYDRAULIC IRONWORKERS

SHKM 45-60 GENERAL FEATURES

- ▶ More productivity with adjustable piston stroke distance
- ▶ Central lubrication system
- ▶ Five individual workstation on the machine:
 - ▶ Punch and die and standard punching tools
 - ▶ Steel solid round and square bar cutting blade set
 - ▶ Angle cutting blade set
 - ▶ Sheet metal cutting shear
 - ▶ U-Notching blade set



SHKM 45-60 MODELS

MODEL	NUMBER OF PISTON	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
		kW	mm	mm	mm	kg
SHKM 45	1	4	980	1470	1700	1200
SHKM 60	1	4	980	1580	1800	1500

SHKM 55-175



HYDRAULIC IRONWORKERS

SHKM 55-175 GENERAL FEATURES

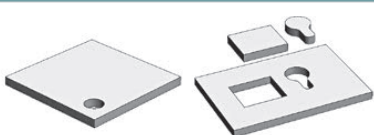
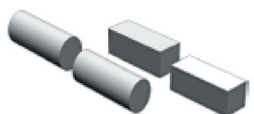
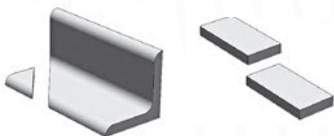
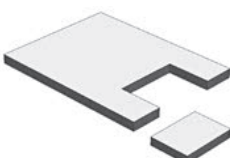
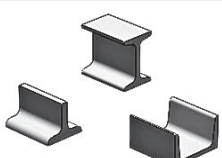
- ▶ 2 Separate hydraulic piston and foot pedal to allow 2 operator to work at the same time
- ▶ More productivity with adjustable piston stroke distance
- ▶ Central lubrication system
- ▶ Electrical back gauge
- ▶ Five individual workstation on the machine:
- ▶ Punch and die and standard punching tools
- ▶ Steel solid round and square bar cutting blade set
- ▶ Angle cutting blade set
- ▶ Sheet metal cutting shear
- ▶ U-Notching blade set



SHKM 55-175 MODELS

MODEL	NUMBER OF PISTON	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
		kW	mm	mm	mm	kg
SHKM 55	2	5.5	980	1550	1900	1600
SHKM 65	2	5.5	980	1750	1900	1670
SHKM 85	2	7.5	980	1880	2100	2400
SHKM 115	2	11.0	980	2090	2200	3000
SHKM 175	2	11.0	1200	2780	2300	6200

HYDRAULIC IRONWORKERS

PRODUCT I	PUNCHING	SHKM 45
	"Dimeter x max .Thickness"	Ø 22 x 15 mm
	Diameter x thickness	Ø 38 x 8 mm
	Maximum Diameter	Ø 100 x 3 mm
	Stroke	50 mm
	Stroke count in (20 mm)	x 20
	Throat depth	175 mm
	Working height	935 mm
	STEEL BAR SHEAR	SHKM 45
	Raund/Square	Ø 30- 25 mm
	ANGLE SHEAR	SHKM 45
	Angle section (90°)	100 x 100 x 10 mm
	Angle section (45°)	70 x 6 mm
	Working height	1140 mm
	SHEET METAL SHEAR	SHKM 45
	Sheet metal	200 x 15 mm
	Sheet metal	300 x 12 mm
	Blade Length	316 mm
	Shearing with angle	80 x 10 mm
	Working height	935 mm
	NOTCHING	SHKM 45
	Thickness	8 mm
	Width	35 mm
	Depth	75 mm
	Working height	935 mm
	OPTIONAL TOOLS	SHKM 45
	"U-I Section blades (for UPN - IPN cutting)"	80 x 45 mm
	T Section Blades	40 x 5 mm
	Special V-Notching Tooling	100 x 100 x 8 mm
	V- Bending Press Brake Bar Bend Max. Sheet Bend Max.	100 x 12 mm
	Punching On Notcher Throat Depth Max. Capacity	85 mm 18x12 mm

HYDRAULIC IRONWORKERS

SHKM 55	SHKM 65	SHKM 85	SHKM 115	SHKM 175
Ø 20 x 20 mm	Ø 26 x 20 mm	Ø 33 x 20 mm	Ø 34 x 26 mm	Ø 40 x 32 mm
Ø 40 x 10 mm	Ø 57 x 10 mm	Ø 57 x 12 mm	Ø 55 x 16 mm	Ø 57 x 22 mm
Ø 100 x 3 mm	Ø 110 x 3 mm	Ø 110 x 4 mm	Ø 110 x 5 mm	Ø 125 x 5 mm
60 mm	55 mm	80 mm	80 mm	80 mm
x 25	x 25	x 25	x 25	x 22
255 mm	355 mm	355 mm	355 mm	625 mm
1030 mm	1030 mm	1080 mm	1110 mm	1130 mm
SHKM 55	SHKM 65	SHKM 85	SHKM 115	SHKM 175
Ø 40- 40 mm	Ø 45- 45 mm	Ø 50- 50 mm	Ø 55- 50 mm	Ø 65- 55 mm
SHKM 55	SHKM 65	SHKM 85	SHKM 115	SHKM 175
120 x 120 x 12 mm	120 x 120 x 12 mm	150 x 150 x 15 mm	150 x 150 x 16 mm	200 x 200 x 20 mm
70 x 10 mm	70 x 10 mm	80 x 8 mm	80 x 10 mm	80 x 10 mm
1130 mm	1140	1200 mm	1215 mm	1130 mm
SHKM 55	SHKM 65	SHKM 85	SHKM 115	SHKM 175
200 x 20 mm	300 x 20 mm	380 x 20 mm	380 x 25 mm	380 x 30 mm
300 x 15 mm	375 x 15 mm	1180 x 15 mm	600 x 15 mm	600 x 20 mm
317 mm	380 mm	1182 mm	610 mm	610 mm
80 x 15 mm	100 x 15 mm	120 x 15 mm	120 x 15 mm	120 x 15 mm
900 mm	900 mm	940 mm	935 mm	810 mm
SHKM 55	SHKM 65	SHKM 85	SHKM 115	SHKM 175
10 mm	10 mm	13 mm	13 mm	16 mm
45 mm	45 mm	52 mm	60 mm	60 mm
90 mm	90 mm	100 mm	100 mm	100 mm
900 mm	900 mm	940 mm	935 mm	910 mm
SHKM 55	SHKM 65	SHKM 85	SHKM 115	SHKM 175
120 x 58 mm	120 x 58 mm	160 x 71 mm	200 x 90 mm	300 x 125 mm
80 x 9 mm	90 x 11 mm	100 x 11 mm	120 x 13 mm	150 x 15 mm
100 x 100 x 10 mm	100 x 100 x 10 mm	100 x 100 x 13 mm	100 x 100 x 13 mm	100 x 100 x 16 mm
"250 x 12 mm 500 x 3 mm"	"250 x 15 mm 500 x 3 mm"	"250 x 20 mm 500 x 4 mm"	"250 x 22 mm 700 x 3 mm"	"250 x 25 mm 700 x 11 mm"
"125 mm Ø 38 x 8 mm"	"125 mm Ø 38 x 8 mm"	"125 mm Ø 38 x 10 mm"	"125 mm Ø 38 x 12 mm"	"125 mm Ø 38 x 13 mm"

HAND-LEVER GUILLOTINE SHEARS (CAST IRON CONSTRUCTION)

SGM-D



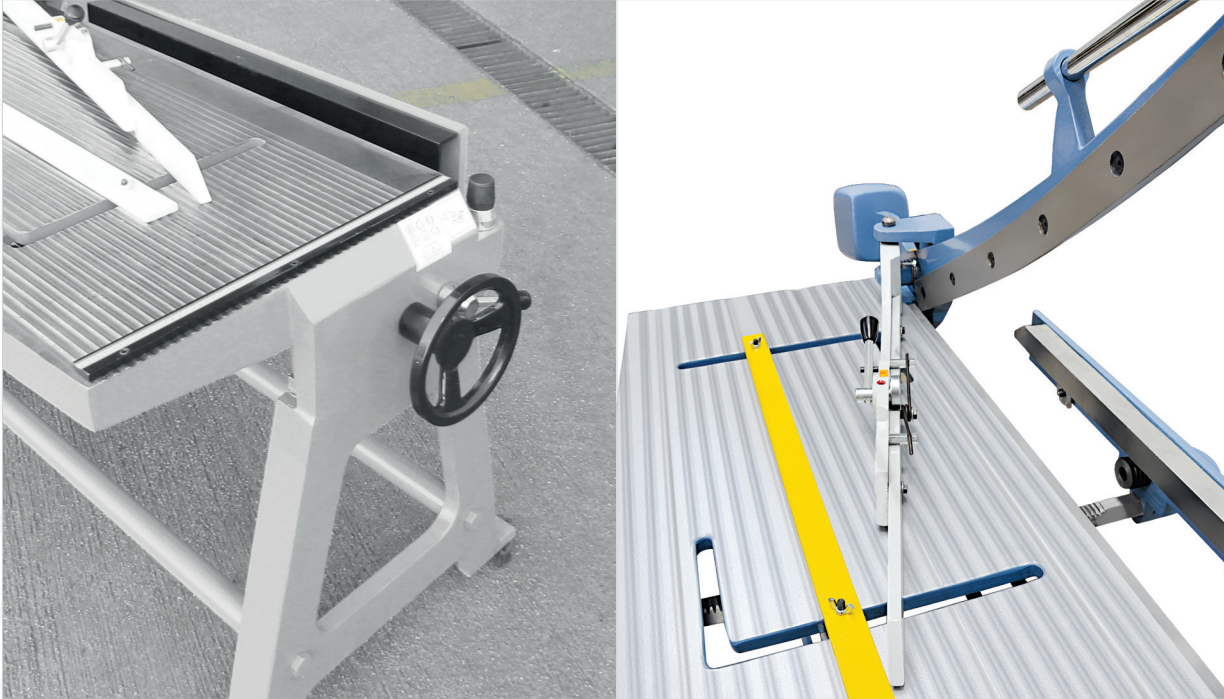
SGM-D GENERAL FEATURES

- ▶ Cast iron construction
- ▶ Large table facilitating the command of sheet metal by operator
- ▶ Mechanical sheet clamping system
- ▶ Cutting lever made of low carbon steel for the purpose of flexibility and stability
- ▶ Manual back gauge suitable for cutting narrow and thin sheets
- ▶ Angled, steel material upper and lower blades for precise and smooth cutting
- ▶ Front set-square appropriate for angle sheet metal cutting and milimeter set-square appropriate for vertical cutting

SHEET METAL CUTTING MACHINES

FOR LIVES
Shaped By
METAL

HAND-LEVER GUILLOTINE SHEARS (CAST IRON CONSTRUCTION)



SGM-D MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	BACK GAUGE DISTANCE	TABLE WIDTH	TABLE LENGTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	mm	mm	mm	mm	mm	kg
SGM-D 1020	2.0	1050	0-600	600	1300	1040	1920	1350	500
SGM-D 1270	2.0	1280	0-600	600	1565	1040	2360	1630	600

HAND-LEVER GUILLOTINE SHEARS (HEAVY TYPE)

SGM-P



SGM-P GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Large table facilitating the command of sheet metal by operator
- ▶ Mechanical sheet clamping system
- ▶ Cutting lever made of low carbon steel for the purpose of flexibility and stability
- ▶ Manual back gauge suitable for cutting narrow and thin sheets
- ▶ Angled, steel material upper and lower blades for precise and smooth cutting
- ▶ Front set-square appropriate for angle sheet metal cutting and millimeter set-square appropriate for vertical cutting

SHEET METAL CUTTING MACHINES

FOR LIVES
Shaped By
METAL

HAND-LEVER GUILLOTINE SHEARS (HEAVY TYPE)



SGM-P

MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	BACK GAUGE DISTANCE	TABLE WIDTH	TABLE LENGTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	mm	mm	mm	mm	mm	kg
SGM-P 1020	2.0	1050	0-600	600	1300	1040	1920	1350	450
SGM-P 1270	2.0	1280	0-600	600	1565	1040	2360	1630	550

HAND-LEVER GUILLOTINE SHEARS (LIGHT TYPE)

SGM-H



SGM-H GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Large table facilitating the command of sheet metal by operator
- ▶ Mechanical sheet clamping system
- ▶ Cutting lever made of low carbon steel for the purpose of flexibility and stability
- ▶ Manual back gauge suitable for cutting narrow and thin sheets
- ▶ Angled, steel material upper and lower blades for precise and smooth cutting
- ▶ Front set-square appropriate for angle sheet metal cutting and millimeter set-square appropriate for vertical cutting

SHEET METAL CUTTING MACHINES

FOR LIVES
Shaped By
METAL

HAND-LEVER GUILLOTINE SHEARS (LIGHT TYPE)



SGM-H MODELS

MODEL	SHEARING CAPACITY	MAX. SHEARING LENGTH	BACK GAUGE DISTANCE	TABLE WIDTH	TABLE LENGTH	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	mm	mm	mm	mm	mm	kg
SGM-H 1020	1.5	1050	0-600	600	1315	1040	1920	1350	350
SGM-H 1270	1.5	1280	0-600	600	1590	1040	2360	1630	370

MANUAL FOLDING MACHINES (CAST IRON CONSTRUCTION)

SCM-D



SCM-D GENERAL FEATURES

- ▶ High working capacity
- ▶ Special design cast iron construction providing easy operation
- ▶ Counter-balance system reducing bending resistance
- ▶ Blades made of production steel
- ▶ Easily adjustable

SCM-D OPTIONAL EQUIPMENT

- ▶ Motorised upper beam controlled by foot pedal
- ▶ Manual back gauge with 750 mm stroke



SCM-D MODELS

MODEL	WORKING LENGTH	FOLDING CAPACITY	FOLDING ANGLE	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	max	mm	mm	mm	kg
SCM-D 1320	1320	2.0	135°	520	1085	1085	800
SCM-D 2020	2020	2.0	135°	725	1310	1310	1850
SCM-D 2520	2520	1.5	135°	725	1310	1310	2000

SHEET METAL FOLDING MACHINES

FOR LIVES
Shaped By
METAL

BOX-PAN MANUAL FOLDING MACHINES

SCM-P



SCM-P GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Interchangeable upper blades with T-slot
- ▶ Easily adjustable angle scale
- ▶ Easy to use beam press & release system



SCM-P MODELS

MODEL	WORKING LENGTH	FOLDING CAPACITY	TOP BEAM STROKE	FOLDING ANGLE	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	max	mm	mm	mm	kg
SCM-P 1260	1260	2.0	40	135°	920	1630	1200	350
SCM-P 2060	2060	2.0	120	135°	570	2800	1330	1250
SCM-P 2560	2560	1.5	120	135°	570	3300	1330	1450

BOX-PAN MANUAL FOLDING MACHINES

SCM-PA



SCM-PA GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Interchangeable segmented upper blades & bending blades
- ▶ Easily adjustable angle scale
- ▶ Easy to use beam press & release system



SCM-PA MODELS

MODEL	WORKING LENGTH	FOLDING CAPACITY	TOP BEAM STROKE	FOLDING ANGLE	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	max	mm	mm	mm	kg
SCM-PA 1260	1260	2.0	40	135°	920	1630	1200	350
SCM-PA 2060	2060	2.0	120	135°	570	2800	1330	1250

SHEET METAL FOLDING MACHINES

FOR LIVES
Shaped By
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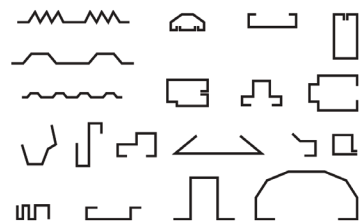
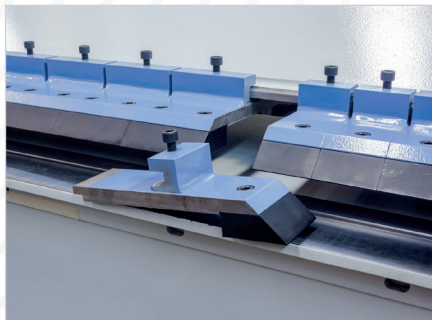
BOX-PAN MANUAL FOLDING MACHINES

SCM-F



SCM-F GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Interchangeable upper blades
- ▶ Easily adjustable angle scale
- ▶ Easy to use beam press & release system



SCM-F MODELS

MODEL	WORKING LENGTH	FOLDING CAPACITY	FOLDING ANGLE	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	max	mm	mm	mm	kg
SCM-F 1270	1270	2.0	135°	770	1670	1560	880
SCM-F 2500	2500	1.5	135°	770	3340	1560	1500

HVAC TYPE MANUAL FOLDING MACHINES

SCM-H



SCM-H GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Easy to use upper beam press & release system
- ▶ Angle scale



SCM-H OPTIONAL EQUIPMENT

- ▶ Slitting attachment

SCM-H MODELS

MODEL	WORKING LENGTH	FOLDING CAPACITY	FOLDING ANGLE	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	max	mm	mm	mm	kg
SCM-H 2060	2060	1.2	135°	910	3300	1350	500
SCM-H 2560	2560	1.2	135°	910	3700	1350	600
SCM-D 3060	3060	1.0	135°	910	4100	1350	700

SHEET METAL FOLDING MACHINES

FOR LIVES
Shaped By
METAL

HVAC TYPE MANUAL FOLDING MACHINES

SCM-K



SCM-K GENERAL FEATURES

- ▶ Easy to carry, light, welded steel construction
- ▶ Ideal to work with aluminium, copper and steel
- ▶ Slitting attachment enables easy cutting and detachable if needed
- ▶ Easy to use top beam press & release system



SCM-K OPTIONAL EQUIPMENT

- ▶ Slitting attachment

SCM-K MODELS

MODEL	WORKING LENGTH	FOLDING CAPACITY	FOLDING ANGLE	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	max	mm	mm	mm	kg
SCM-K 2040	2040	0.8	135°	750	2400	850	290
SCM-K 2540	2540	0.8	135°	750	3000	850	350
SCM-K 3040	3040	0.8	135°	750	3500	850	440

MOTORISED PLATE BENDING MACHINES

SMRM-S



SMRM-S

GENERAL FEATURES AND STANDARD EQUIPMENT

- ▶ Overload protection
- ▶ Easy operation with mobile control panel
- ▶ Welded steel frames
- ▶ Conical bending device
- ▶ Very suitable for light and medium plates, aluminium or stainless steel
- ▶ Built accordingly to EC Safety Directives and has CE mark
- ▶ Manual drop-end for easy removal of finished ferrule
- ▶ Hot rolled SAE 1050 (CK 45) steel rolls
- ▶ Central lubrication system
- ▶ Main motor with brake system
- ▶ On 170-220 mm roll models two rolls are powered by planetary reducer and on others with a single chain and belt driven helical type gearbox and gear system
- ▶ Precision bending with brake motor
- ▶ Motorised adjustment of back roll

SHEET METAL BENDING MACHINES

FOR LIVES
Shaped By
METAL

MOTORISED PLATE BENDING MACHINES

SMRM-S OPTIONAL EQUIPMENT

- ▶ Automation with NC control
- ▶ Induction hardened rolls (HRC 58-60)
- ▶ Optional profile & flat bar bending rolls
- ▶ Wire grooves on roll ends
- ▶ Digital read-out for back roll
- ▶ Motorised bottom roll
- ▶ Plastic coated top roll for alucobond bending
- ▶ Optional extended roll and section bending rolls set



SMRM-S MODELS

MODEL	USEFUL LENGTH	PRE-BENDING CAPACITY	BENDING CAPACITY	TOP AND BOTTOM ROLL DIAMETERS	MIN. BENDING DIAMETER	MOTOR POWER	BACK ROLL MOTOR POWER	LENGTH	WIDTH	HEIGHT	WEIGHT
	mm	mm (x1,5/x5)	mm (x1,5/x5)	mm	mm (x1,5/x5)	kW	kW	mm	mm	mm	kg
SMRM-S 1050x130	1050	5.0 / 6.0	6.0 / 7.0	130	195	2.2	1.1	2750	650	1020	1200
SMRM-S 1050x150	1050	6.0 / 7.0	7.0 / 8.0	150	225	2.2	1.1	2750	680	1040	1450
SMRM-S 1050x170	1050	7.0 / 8.0	8.0 / 9.0	170	255	4.0	1.1	2850	720	1050	1600
SMRM-S 1050x190	1050	8.0 / 9.0	9.0 / 10.0	190	285	4.0	1.5	3200	950	1300	2450
SMRM-S 1550x130	1550	4.0 / 5.0	5.0 / 6.0	130	195	2.2	1.1	3250	650	1020	1400
SMRM-S 1550x150	1550	5.0 / 6.0	6.0 / 7.0	150	225	2.2	1.1	3250	680	1040	1650
SMRM-S 1550x170	1550	6.0 / 7.0	7.0 / 8.0	170	255	4.0	1.1	3350	720	1050	1850
SMRM-S 1550x190	1550	7.0 / 8.0	8.0 / 9.0	190	285	4.0	1.5	3700	950	1300	2750
SMRM-S 2050x130	2050	2.0 / 3.0	3.0 / 4.0	130	195	2.2	1.1	3750	650	1020	1600
SMRM-S 2050x150	2050	3.0 / 4.0	4.0 / 5.0	150	225	2.2	1.1	3750	680	1040	1885
SMRM-S 2050x170	2050	4.0 / 5.0	5.0 / 6.0	170	255	4.0	1.1	3850	720	1050	2100
SMRM-S 2050x190	2050	5.0 / 6.0	6.0 / 7.0	190	285	4.0	1.5	4200	950	1300	3100
SMRM-S 2550x150	2550	2.0 / 3.0	3.0 / 4.0	150	225	2.2	1.1	4250	650	1020	2150
SMRM-S 2550x180	2550	3.0 / 4.0	4.0 / 5.0	180	270	4.0	1.5	4350	950	1300	3050
SMRM-S 2550x190	2550	4.0 / 5.0	5.0 / 6.0	190	285	4.0	1.5	4700	950	1300	3400
SMRM-S 2550x220	2550	5.0 / 6.0	6.0 / 7.0	220	330	5.5	2.2	4700	1150	1400	5000
SMRM-S 3050x160	3050	1.5 / 2.0	2.0 / 3.0	160	240	4.0	1.1	4850	720	1050	2650
SMRM-S 3050x190	3050	2.0 / 3.0	3.0 / 4.0	190	285	4.0	1.5	5200	950	1300	3750
SMRM-S 3050x200	3050	3.0 / 4.0	4.0 / 5.0	200	300	4.0	1.5	5200	950	1300	4000
SMRM-S 3050x220	3050	4.0 / 5.0	5.0 / 6.0	220	330	5.5	2.2	5200	1150	1400	6000

MOTORISED PLATE BENDING MACHINES

SIRM



SIRM

GENERAL FEATURES AND STANDARD EQUIPMENT

- ▶ Easy operation with mobile control panel
- ▶ Conical bending device
- ▶ Very suitable for light and medium plates, aluminium or stainless steel
- ▶ Built accordingly to EC Safety Directives and has CE mark
- ▶ Manual drop-end for easy removal of finished ferrule
- ▶ Hot rolled SAE 1050 (CK 45) steel rolls
- ▶ Main motor with brake system
- ▶ Precision bending with brake motor
- ▶ SAE 1050 quality certificated steel rolls with high tensile strength
- ▶ Two rolls are powered by a single gearbox and gear system for top and bottom rolls
- ▶ Spheroid cast iron main frames
- ▶ Wire grooves on roll ends
- ▶ Model SIRM 2550x140 is produced with standard motorised back roll

SIRM

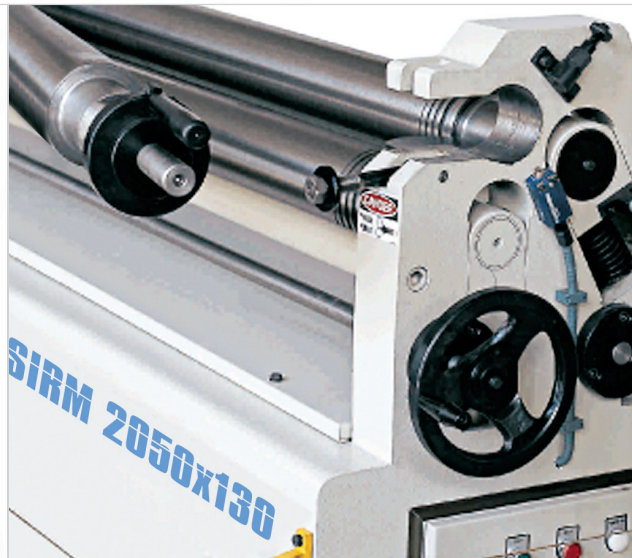
OPTIONAL EQUIPMENT

- ▶ Induction hardened rolls (HRC 58-60)
- ▶ Digital read-out for back roll
- ▶ Motorised back roll adjustment

SHEET METAL BENDING MACHINES

FOR LIVES
Shaped By
METAL

MOTORISED PLATE BENDING MACHINES



SIRM

MODELS

MODEL	USEFUL LENGTH	BENDING CAPACITY	ROLL DIAMETERS	ROLL SPEED	MOTOR POWER	WIRE GROOVES	LENGTH	WIDTH	HEIGHT	WEIGHT
	mm	mm	mm	m/min	kW	mm	mm	mm	mm	kg
SIRM 1050x110	1050	4.0	110	3.0	2.2	4 / 7 / 9 / 13	2200	750	1000	990
SIRM 1050x130	1050	5.0	130	3.5	2.2	4 / 7 / 9 / 13	2200	750	1000	1200
SIRM 1270x120	1270	4.0	120	3.0	2.2	4 / 7 / 9 / 13	2470	750	1000	1115
SIRM 1270x140	1270	5.0	140	3.5	2.2	4 / 7 / 9 / 13	2470	750	1000	1350
SIRM 1550x110	1550	3.0	110	3.0	2.2	4 / 7 / 9 / 13	2700	750	1000	1200
SIRM 1550x140	1550	4.0	140	3.5	2.2	4 / 7 / 9 / 13	2700	750	1000	1420
SIRM 2050x110	2050	2.0	110	3.0	2.2	4 / 7 / 9 / 13	3200	750	1000	1380
SIRM 2050x130	2050	3.0	130	3.5	2.2	4 / 7 / 9 / 13	3200	750	1000	1500
SIRM 2050x140	2050	4.0	140	3.5	2.2	4 / 7 / 9 / 13	3200	750	1000	1650
SIRM 2550x140	2550	2.5	140	3.5	2.2+0.75	4 / 7 / 9 / 13	3700	750	1000	1850

MOTORISED PLATE BENDING MACHINES

SRM



SRM GENERAL FEATURES AND STANDARD EQUIPMENT

- ▶ Top and bottom rolls powered by a single gearbox and gear system
- ▶ SAE 1050 quality certificated steel rolls with high tensile strength
- ▶ Cast iron main frames
- ▶ Mobile control panel by foot pedal
- ▶ Conical bending device
- ▶ Manual drop-end
- ▶ Wire grooves on roll ends

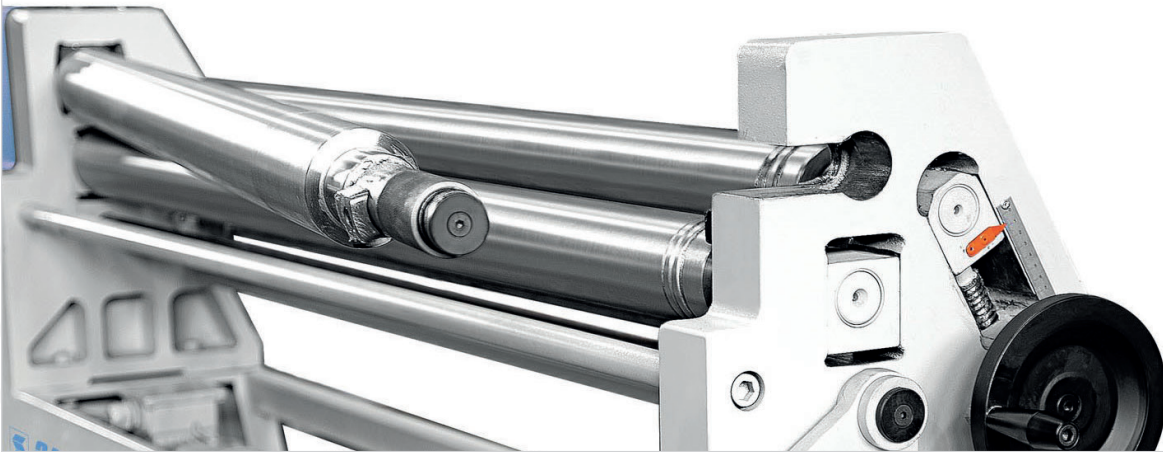
SRM OPTIONAL EQUIPMENT

- ▶ Motorised back roll adjustment
- ▶ Digital read-out for motorised back roll
- ▶ Induction hardened rolls

SHEET METAL BENDING MACHINES

FOR LIVES
Shaped By
METAL

MOTORISED PLATE BENDING MACHINES



SRM MODELS

MODEL	USEFUL LENGTH	BENDING CAPACITY	ROLL DIAMETERS	ROLL SPEED	MOTOR POWER	WIRE GROOVES	LENGTH	WIDTH	HEIGHT	WEIGHT
	mm	mm	mm	m/min	kW	mm	mm	mm	mm	kg
SRM 1050x90	1050	3.0	90	6.0	1.1	4 / 6 / 9	1630	700	1200	480
SRM 1270x90	1270	2.5	90	6.0	1.1	4 / 6 / 9	1850	700	1200	520
SRM 1550x90	1550	2.0	90	6.0	1.5	4 / 6 / 9	2130	700	1200	580
SRM 2050x95	2050	1.5	95	6.0	1.5	4 / 6 / 9	2630	700	1200	715

MOTORISED PLATE BENDING MACHINES

SIR



SIR GENERAL FEATURES AND STANDARD EQUIPMENT

- ▶ Top and bottom rolls powered by a single gearbox and gear system
- ▶ SAE 1050 quality certificated steel rolls with high tensile strength
- ▶ Cast iron main frames
- ▶ Mobile control panel by foot pedal
- ▶ Wire grooves on roll ends

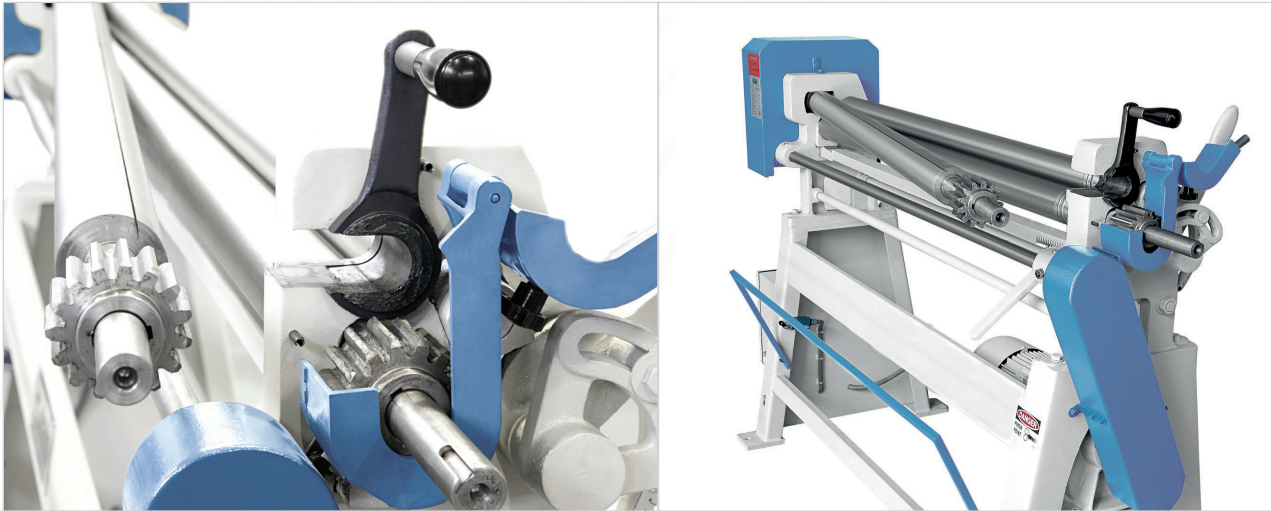
SIR OPTIONAL EQUIPMENT

- ▶ Induction hardened rolls

SHEET METAL BENDING MACHINES

FOR LIVES
Shaped By
METAL

MOTORISED PLATE BENDING MACHINES



SIR MODELS

MODEL	USEFUL LENGTH	BENDING CAPACITY	ROLL DIAMETERS	MOTOR POWER	WIRE GROOVES	LENGTH	WIDTH	HEIGHT	WEIGHT
	mm	mm	mm	kW	mm	mm	mm	mm	kg
SIR 1050x46	1050	0.8	46	0.75	4 / 7 / 10	1500	700	1120	210
SIR 1050x56	1050	1.0	56	0.75	4 / 6 / 10	1500	700	1120	240
SIR 1050x68	1050	1.5	68	1.5	4 / 6 / 10	1610	700	1160	340
SIR 1050x75	1050	2.0	75	1.5	4 / 6 / 10	1610	700	1160	385
SIR 1270x56	1270	0.8	56	0.75	4 / 6 / 10	1750	700	1120	300
SIR 1270x68	1270	1.2	68	1.5	4 / 6 / 10	1830	700	1160	375
SIR 1270x75	1270	1.5	75	1.5	4 / 6 / 10	1830	700	1160	400
SIR 1550x68	1550	1.0	68	1.5	4 / 6 / 10	2110	700	1160	400
SIR 1550x75	1550	1.2	75	1.5	4 / 6 / 10	2110	700	1160	430
SIR 2050x75	2050	1.0	75	1.5	4 / 6 / 10	2610	700	1160	590

MANUAL PLATE BENDING MACHINES

SRS



SRS GENERAL FEATURES

- ▶ Very suitable for light and medium plates, aluminium or stainless steel
- ▶ Manual drop-end for easy removal of finished ferrule
- ▶ SAE 1050 quality certificated steel rolls with high tensile strength
- ▶ Cast iron main frames
- ▶ Wire grooves on roll ends

SRS OPTIONAL EQUIPMENT

- ▶ Induction hardened rolls (HRC 58-60)

SHEET METAL BENDING MACHINES

FOR LIVES
Shaped By
METAL

MANUAL PLATE BENDING MACHINES



SRS MODELS

MODEL	USEFUL LENGTH	BENDING CAPACITY	ROLL DIAMETERS	WIRE GROOVES	LENGTH	WIDTH	HEIGHT	WEIGHT
	mm	mm	mm	mm	mm	mm	mm	kg
SRS 1050x90	1050	3.0	90	4 / 6 / 9	2080	700	1250	410
SRS 1270x90	1270	2.5	90	4 / 6 / 9	2300	700	1250	450
SRS 1550x90	1550	2.0	90	4 / 6 / 9	2580	700	1250	560
SRS 2050x95	2050	1.5	95	4 / 6 / 9	3080	700	1250	650

MANUAL PLATE BENDING MACHINES

SR



SR GENERAL FEATURES

- ▶ Very suitable for light and medium plates, aluminium or stainless steel
- ▶ Manual drop-end for easy removal of finished ferrule
- ▶ SAE 1050 quality certificated steel rolls with high tensile strength
- ▶ Cast iron main frames
- ▶ Wire grooves on roll ends

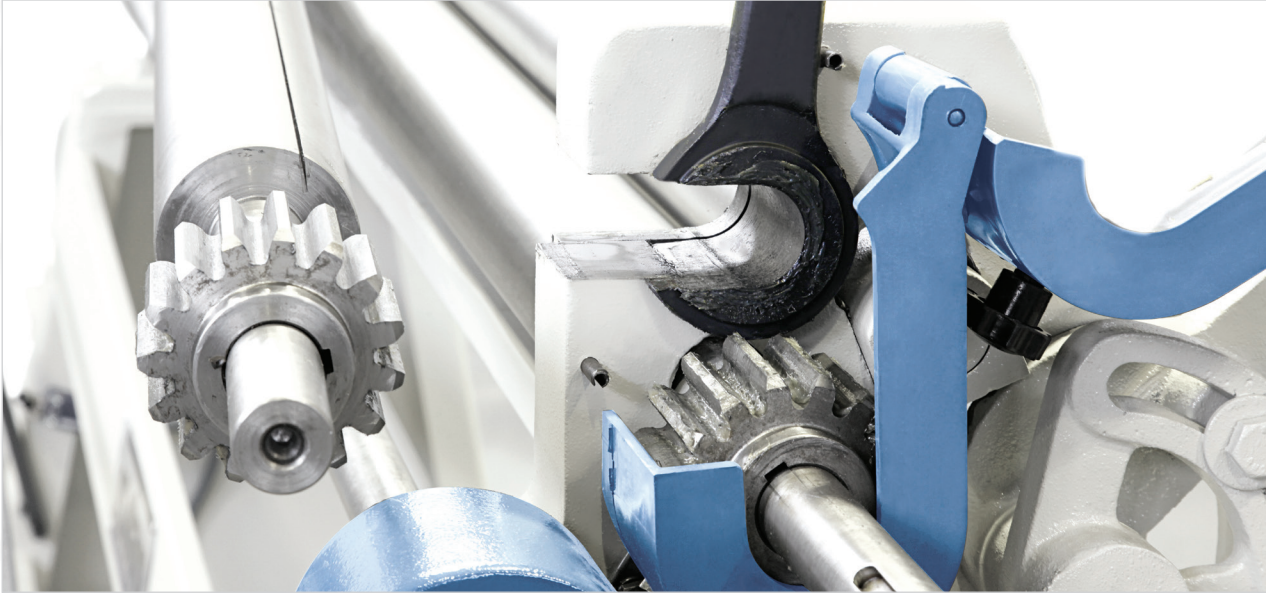
SR OPTIONAL EQUIPMENT

- ▶ Induction hardened rolls (HRC 58-60)

SHEET METAL BENDING MACHINES

FOR LIVES
Shaped By
METAL

MANUAL PLATE BENDING MACHINES



SR MODELS

MODEL	USEFUL LENGTH	BENDING CAPACITY	ROLL DIAMETERS	WIRE GROOVES	LENGTH	WIDTH	HEIGHT	WEIGHT
	mm	mm	mm	mm	mm	mm	mm	kg
SR 1050x46	1050	0.8	46	4 / 7 / 10	1400	700	1120	160
SR 1050x56	1050	1.0	56	4 / 6 / 10	1400	700	1120	185
SR 1050x68	1050	1.5	68	4 / 6 / 10	1930	700	1160	280
SR 1050x75	1050	2.0	75	4 / 6 / 10	1930	700	1160	300
SR 1270x56	1270	0,8	56	4 / 6 / 10	1750	700	1120	230
SR 1270x68	1270	1.2	68	4 / 6 / 10	2150	700	1160	310
SR 1270x75	1270	1.5	75	4 / 6 / 10	2150	700	1160	330
SR 1550x68	1550	1.0	68	4 / 6 / 10	2430	700	1160	350
SR 1550x75	1550	1.2	75	4 / 6 / 10	2430	700	1160	365
SR 2050x75	2050	1.0	75	4 / 6 / 10	2930	700	1160	525

SKMP & SK



SKMP & SK GENERAL FEATURES

- ▶ Cast iron heavy duty main frame
- ▶ Forward-backward adjustable sheet support
- ▶ Easy to carry for workshops
- ▶ Forward-backward adjustable bottom shaft
- ▶ Roll shafts are made of special steel material
- ▶ 8 sets of standard rolls (7 sets for SK 0.8)
- ▶ Gearbox motor with brake system (SKMP 1.2)
- ▶ Control with foot pedal (SKMP 1.2)
- ▶ Complete with bottom stand (SKMP 1.2)

SKMP & SK OPTIONAL EQUIPMENT

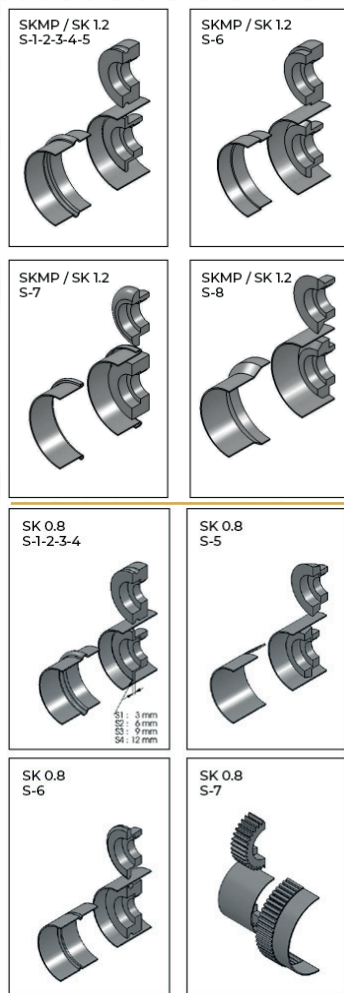
- ▶ Special rolls

OTHER SHEET METAL PROCESSING MACHINES

FOR LIVES
Shaped By
METAL

MANUAL AND MOTORISED BORDERING-TRIMMING MACHINES

SKMP & SK STANDARD ROLL SETS



SKMP & SK OPTIONAL ROLL SETS



SKMP & SK MODELS

MODEL	BORDERING CAPACITY	ROLL DIAMETERS	THROAT DEPTH	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	kW	mm	mm	mm	kg
SKMP 1.2	1.25	62	260	0.75	600	1020	1500	140
SK 0.8	0.80	52	220	-	200	300	500	35
SK 1.2	1.25	62	260	-	350	600	550	50

SBKS



SBKS GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Forward-backward adjustable bottom shaft
- ▶ Forward-backward adjustable sheet support
- ▶ Steel shafts are assembled with bronze bushings
- ▶ Gearbox motor with brake system
- ▶ Control with foot pedal
- ▶ Complete with bottom stand
- ▶ 4 sets of standard rolls

SBKS OPTIONAL EQUIPMENT

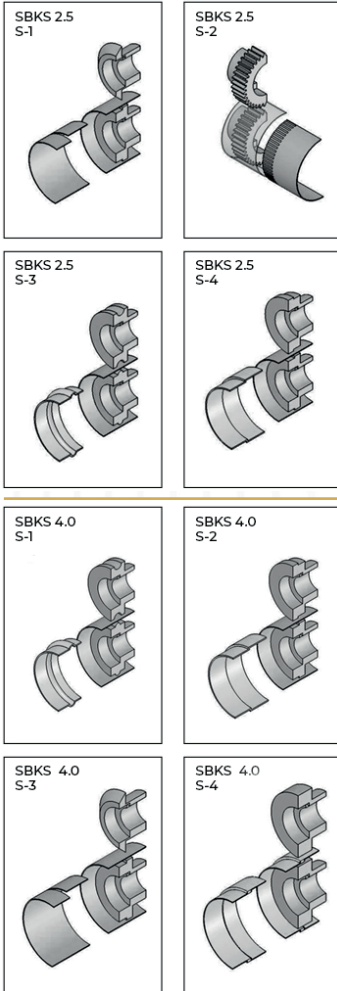
- ▶ Movement of top roll by hydraulic system
- ▶ Special rolls

OTHER SHEET METAL PROCESSING MACHINES

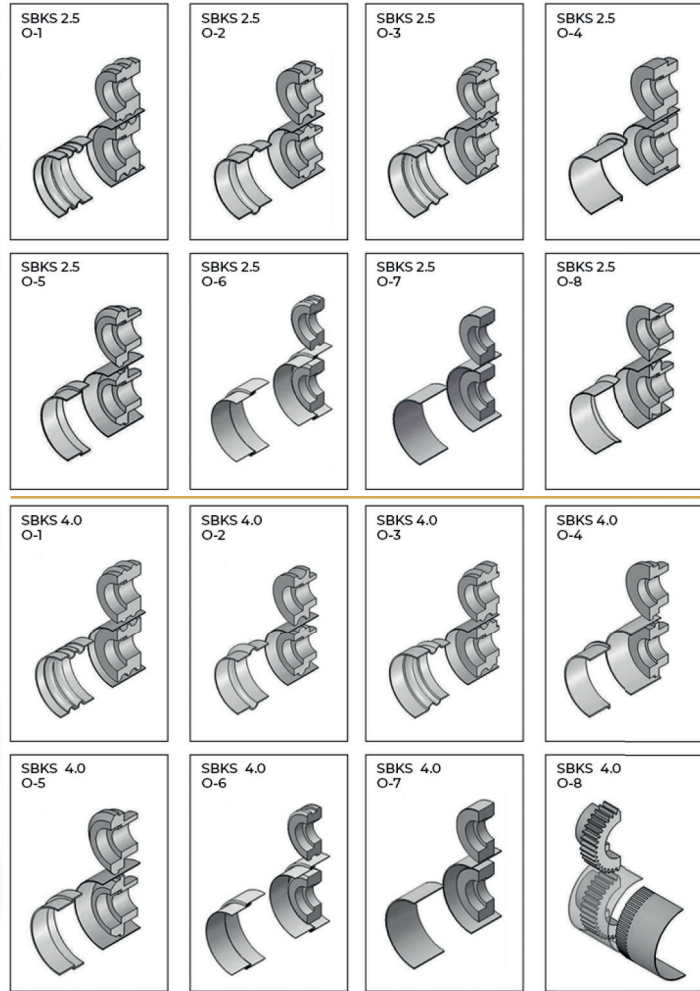
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METAL

MANUAL AND MOTORISED BORDERING-TRIMMING MACHINES

SBKS STANDARD ROLL SETS



SBKS OPTIONAL ROLL SETS



SBKS MODELS

MODEL	BORDERING CAPACITY	ROLL DIAMETERS	THROAT DEPTH	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	kW	mm	mm	mm	kg
SBKS 2.5	2.5	96	500	1.5	700	1200	1200	295
SBKS 4.0	4.0	126	500	2.2	700	1650	1280	350

LOCK SEAMER MACHINES

SLS

SLS GENERAL FEATURES

- ▶ Gearbox driven pinching system
- ▶ Easy operation by pneumatic pressing piston
- ▶ Pinching and rotation is controlled by foot pedal
- ▶ Pneumatic system is protected with air filter
- ▶ Hardened seaming rolls
- ▶ Sliding system with ball bearing



SLS MODELS

MODEL	CAPACITY	SEAMING LENGTH	MIN&MAX SEAMING DIAMETERS	WORKING PRESSURE	PRESS POWER	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	bar	kg	kW	mm	mm	mm	kg
SLS 12 M	0.80	1220	90-900	-	-	-	1550	450	600	130
SLS 13	1.20	1300	110-1000	-	1500	0.75	1900	800	1600	300
SLS 13 P	1.20	1300	120-1000	8	1000	0.37	1720	900	1650	300

OTHER SHEET METAL PROCESSING MACHINES

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LOCK FORMER MACHINES

SKM



SKM GENERAL FEATURES

- Combination of models enable four different forms
- Hardened rolls
- Endless material to be rolled on the side stations enabled

MODEL	SHAPES			
SKM 12 4.0	Pittsburg Lock	Drive Cleat	Power Flange	Round Right Cleat
SKM 12 4.1	Pittsburg Lock	Drive Cleat	Seam Cleat	Round Right Cleat
SKM 12 4.2	Pittsburg Lock	Flat Seam Cleat	Flat Cleat	Round Right Cleat
SKM 12 4.3	Pittsburg Lock	Z-Cleat	Right Angle	Flat Cleat

SKM MODELS

MODEL	CAPACITY	WORKING SPEED	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	mm	mm	mm	kg
SKM 12 4.0	1.2	6.0	2.2	800	1300	1100	465
SKM 12 4.1	1.2	6.0	2.2	800	1300	1100	465
SKM 12 4.2	1.2	6.0	2.2	800	1300	1100	465
SKM 12 4.3	1.2	6.0	2.2	800	1300	1100	465

SHPK 65-80-100



SHPK 65-80-100 GENERAL FEATURES

- ▶ Welded steel construction
- ▶ 3 rolls are motorised
- ▶ Hardened and ground shafts from special steel material
- ▶ Horizontal and vertical working position
- ▶ Hardened standard rolls
- ▶ Mobile control panel
- ▶ 3-axis mechanical manual lateral angle guide rolls
- ▶ Brake motor equipped for precision bending
- ▶ Digital read-outs (2 pcs)
- ▶ 3 rolls are powered by hydro-motor and planetary gearbox (SHPK 100)

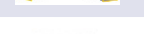
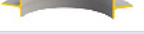
SHPK 65-80-100 OPTIONAL EQUIPMENT

- ▶ Pipe, tube and profile bending rolls
- ▶ Hydraulic lateral guide rolls (2-axis)
- ▶ NC control unit
- ▶ 3-axis hydraulic lateral guide rolls (SHPK 100)

SECTION & PIPE BENDING MACHINES

FOR LIVES
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HYDRAULIC SECTION & PIPE BENDING MACHINES

NO	PROFILE TYPE	SHPK 65		SHPK 80		SHPK 100		NOTES
		SIZE	MIN. DIA	SIZE	MIN. DIA	SIZE	MIN. DIA	
1		60x10 20x5	500 250	100x20 80x20 30x10	2000 800 300	100x20 30x10	800 400	Standard Rolls
2		80x20 50x5	500 250	125x25 60x5	600 300	200x30 160x35 80x5	1200 800 400	Standard Rolls
3		32x32 12x12	400 250	45x45 15x15	500 380	60x60 15x15	750 400	Standard Rolls
4		Ø35 Ø10	350 250	Ø50 Ø15	500 380	Ø75 Ø15	800 450	Optional Rolls
5		Ø60x2 Ø15x1.5	600 200	Ø100x2.5 Ø15x1	1200 380	Ø125x2.5 Ø15x1	1400 450	Optional Rolls
6		2"x3.91 1/2"x2.77	400 200	3"x5.48 1/2"x2.77	800 380	4"x4.5 1/2"x2.77	1000 450	Optional Rolls
7		50x25x3 20x15x2	450 250	80x25x3 25x15x2	800 350	100x40x4 25x15x2	1300 450	Optional Rolls
8		45x3 20x2	600 300	70x3 25x2	1300 350	80x5 25x2	1500 450	Optional Rolls
9		60x60x6 30x30x4	650 350	80x80x8 30x30x3	800 400	100x100x12 40x40x4	1000 700	Optional Rolls
10		50x50x5 30x30x4	550 350	70x70x7 30x30x3	700 450	100x100x10 40x40x4	1500 550	Optional Rolls
11		60x7 20x3	550 250	80x9 25x3.5	800 450	100x11 30x4	1000 400	Standard Rolls
12		50x6 20x3	500 250	70x8 25x3.5	800 280	90x10 30x4	1000 400	Standard Rolls
13		60x70 20x3	500 250	80x9 30x4	800 280	100x11 30x4	1000 400	Standard Rolls
14		UPN 80 UPN 30	600 250	UPN 140 UPN 120 UPN 100	1600 900 800	UPN 180 UPN 30	900 400	Optional Rolls
15		UPN 65 UPN 30	600 250	UPN 140 UPN 120 UPN 100	1600 1000 800	UPN 180 UPN 30	1000 400	Standard Rolls
16		IPN 80	600	IPN 120 IPN 80	600 400	IPN 180 IPN 80	1000 400	Standard Rolls
17				IPN 120 IPN 80	600 400	HEA 120 HEB 100	1000 1200	Standard Rolls

* Capacities are given for 260 N/mm² plate yielding strength

SHPK 65-80-100 MODELS

MODEL	SHAFT DIAMETERS	ROLLS DIAMETER	WORKING SPEED	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	m/min	kW	mm	mm	mm	kg
SHPK 65	60	180	5.0	4.0	850	1200	1200	960
SHPK 80	80	245	6.0	5.5	1000	1500	1400	1650
SHPK 100	100	315	8.0	7.5	1450	2000	1700	3650

MOTORISED SECTION & PIPE BENDING MACHINES

SPK



SPK GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Two bottom rolls are powered
- ▶ Direct drive power system with gears
- ▶ Top roll is idle (free turning)
- ▶ Hardened rolls
- ▶ Roll shafts are made of special steel material, hardened and grinded
- ▶ Single speed motor
- ▶ Standard rolls
- ▶ Adjustable guide rolls
- ▶ Horizontal and vertical working position

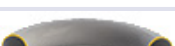
SPK OPTIONAL EQUIPMENT

- ▶ Double speed motor
- ▶ Pipe/tube bending rolls
- ▶ Profile bending rolls
- ▶ Angle bending rolls
- ▶ Digital read-out

SECTION & PIPE BENDING MACHINES

FOR LIVES
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MOTORISED SECTION & PIPE BENDING MACHINES

NO	PROFILE TYPE	SPK 30		SPK 35		NOTES
		SIZE	MIN. DIA	SIZE	MIN. DIA	
1		50x10 20x6	800 300	60x10 40x10	500 400	Standard Rolls
2		80x15 30x6	700 400	100x15 60x10	450 350	Standard Rolls
3		30x30 10x10	900 200	35x35 20x20	900 300	Standard Rolls
4		Ø30 Ø10	900 200	Ø35 Ø30	600 400	Optional Rolls
5		Ø60x1.5 Ø25x1.5	1000 600	Ø70x2 Ø50x2	1000 500	Optional Rolls
6		1 1/2"x2.9 1/4"x1.8	600 300	2"x2.9 1"x2.3	1000 350	Optional Rolls
7		50x30x3 40x20x2	1200 800	70x30x2 50x40x3	1200 1200	Optional Rolls
8		40x3 30x2	1200 800	50x3 40x3	1700 600	Optional Rolls
9		40x40x5 30x30x4	600 300	50x50x5 40x40x5	1000 600	Optional Rolls
10		35x35x5 30x30x4	600 400	50x50x6 30x30x3	1000 500	Optional Rolls
11		50x6 20x3	600 400	60x7 50x6	700 500	Standard Rolls
12		50x6 20x3	600 400	60x7 50x6	700 500	Standard Rolls
13		50x6 20x3	600 400	60x7 50x6	700 500	Standard Rolls
14		-		UPN 80 UPN 60	1000 700	Optional Rolls
15		-		UPN 80 UPN 30	1200 800	Standard Rolls

* Capacities are given for 260 N/mm² plate yielding strength

SPK MODELS

MODEL	SHAFT DIAMETERS	TOP ROLL DIAMETER	BOTTOM ROLLS DIAMETER	BENDING SPEED	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	mm	mm	mm	m/min	kW	mm	mm	mm	kg
SPK 30	30	137	132	2.1	0.75	850	730	1500	200
SPK 35	50	155	155	4.3	1.5	900	1050	1400	400

HYDRAULIC WORKSHOP PRESSES

SHP



SHP

GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Easy to operate
- ▶ Pressure manometer
- ▶ Adjustable table height
- ▶ Table lifting tool
- ▶ Fast approach, slow work speed
- ▶ Joystick control (only on motorised models)
- ▶ Moveable cylinder (only on motorised models)
- ▶ Safety valve against overloading

HYDRAULIC PRESSES

FOR LIVES
Shaped By
METAL

HYDRAULIC WORKSHOP PRESSES



SHP MODELS

MODEL	CAPACITY	STROKE	MAX. WORKING PRESSURE	MOTOR POWER	PUMP CAPACITY	PISTON DOWNLIFTING SPEED	PISTON UPLIFTING SPEED	DISTANCE BETWEEN COLUMNS	WORK CAPACITY	WIDTH	LENGTH	HEIGHT	WEIGHT
	ton	mm	bar	kW	lt	mm/sec	mm/sec	mm	mm	mm	mm	mm	kg
SHP 10-150	10	150	220	-	1.5	-	-	125x400	200	280	500	800	62
SHP 10-200	10	200	220	-	1.5	-	-	190x400	200	350	500	1300	98
SHP 15-200	15	200	255	-	1.5	-	-	190x400	200	350	500	1500	105
SHP 25-200	25	200	270	-	2.0	-	-	190x500	200	350	650	1800	155
SHP 30-300	30	300	250	1.5	5.7	8.4	11.2	200x700	850	680	1200	2030	360
SHP 50-400	50	400	250	2.2	5.7	5.4	6.9	300x800	850	780	1350	2150	500
SHP 80-400	80	400	250	3.0	8.7	5.1	6.2	350x900	900	830	1570	2250	785
SHP 100-400	100	400	250	4.0	11.8	6.2	7.8	400x1000	900	860	1660	2280	860
SHP 120-400	120	400	250	4.0	13.1	5.2	6.4	400x1000	900	860	1670	2320	1000
SHP 150-400	150	400	250	5.5	17.1	5.8	6.9	400x1100	900	870	1800	2380	1170
SHP 200-400	200	400	250	7.5	21.0	5.6	6.9	425x1100	800	930	1840	2430	1650
SHP 250-400	250	400	250	7.5	24.0	5.6	7.2	450x1200	800	1030	2050	2600	2200

HYDRAULIC H-TYPE MODULAR PRESSES

SRHP



SRHP GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Pressure manometer
- ▶ Adjustable table height
- ▶ Table lifting tool
- ▶ Fast approach, slow work speed
- ▶ Adjustable pressure
- ▶ Safety valve against overloading

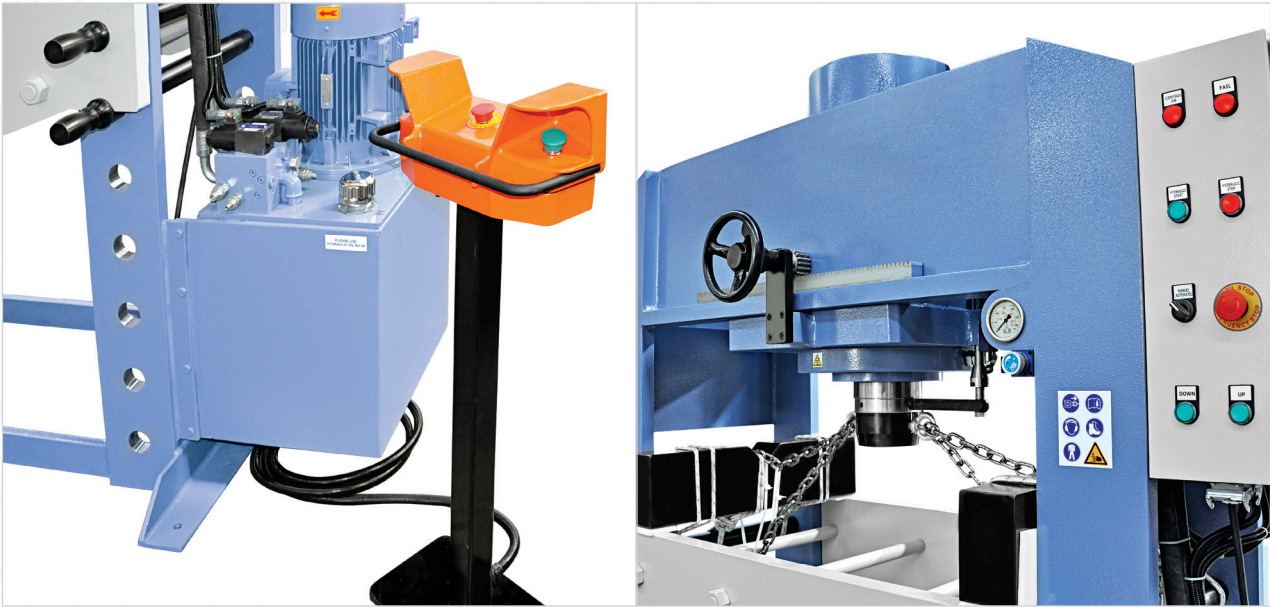
SRHP OPTIONAL EQUIPMENT

- ▶ Moveable cylinder

HYDRAULIC PRESSES

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HYDRAULIC H-TYPE MODULAR PRESSES



SRHP MODELS

MODEL	CAPACITY	STROKE	MAX. WORKING PRESSURE	CYLINDER DIAMETER	MOTOR POWER	PUMP CAPACITY	PISTON DOWNLIFTING SPEED	PISTON UPLIFTING SPEED	DISTANCE BETWEEN COLUMNS	WORK CAPACITY	WIDTH	LENGTH	HEIGHT	WEIGHT
	ton	mm	bar	mm	kW	lt	mm/sec	mm/sec	mm	mm	mm	mm	mm	kg
SRHP 100	100	400	165	220	4.0	12	5.2	7.2	350x1000	800	800	1900	2200	1400
SRHP 150	150	400	245	280	7.5	18	4.8	6.3	400x1350	800	850	2100	2320	1800
SRHP 200	200	400	250	320	7.5	24	4.9	6.5	490x1200	800	900	2320	2400	2250
SRHP 250	250	400	250	360	11.0	30	4.9	7.1	490x1200	800	950	2400	2400	2650

GARAGE TYPE PRESS BRAKES

SHAP



SHAP GENERAL FEATURES

- ▶ Hardened blades
- ▶ Welded steel construction frame
- ▶ 5-face prism
- ▶ Bottom table with T-slot
- ▶ Stepless stroke adjustment
- ▶ Manometer
- ▶ Adjustable bottom blade
- ▶ Table up-down movement attachment
- ▶ Adjustable pressure valve
- ▶ Adequate workspace for large sheets
- ▶ Two hand control

SHAP OPTIONAL EQUIPMENT

- ▶ Two hand control and foot pedal
- ▶ 750 mm manual back gauge
- ▶ Custom blades and prisms

HYDRAULIC PRESSES

FOR LIVES
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GARAGE TYPE PRESS BRAKES



SHAP

MODELS

MODEL	CAPACITY	BENDING CAPACITY	MAX. WORKING PRESSURE	STROKE	WIDTH OF WORKING AREA	DISTANCE BETWEEN TABLES	ADVANCE SPEED	WORKING SPEED	RETURN SPEED	TABLE DIMENSION	BOTTOM TABLE HOLE DIAMETER	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	ton	mm	bar	mm	mm	mm	mm/sec	mm/sec	mm/sec	mm	mm	kW	mm	mm	mm	kg
SHAP 1020-100	100	6.0	263	300	1020	680	9.0	5.0	10.0	500x1020	100	7.5	1000	2110	2275	1900
SHAP 1520-100	100	6.0	263	300	1520	680	9.0	5.0	10.0	500x1520	100	7.5	1000	2630	2275	2500
SHAP 1020-150	150	10.0	244	300	1020	610	9.0	5.0	10.0	600x1020	100	11.0	1000	2110	2450	2400
SHAP 1520-150	150	10.0	244	300	1520	610	9.0	5.0	10.0	600x1520	100	11.0	1000	2630	2450	3100

UNIVERSAL T-SLOT HYDRAULIC PRESSES

SHAT



SHAT GENERAL FEATURES

- ▶ Top and bottom table with T-slot
- ▶ Steel construction welded frame
- ▶ Two guide pistons on both sides
- ▶ Adjustable bottom table
- ▶ Table up-down movement attachment
- ▶ Adjustable pressure valve
- ▶ Manometer
- ▶ Stepless stroke adjustment
- ▶ Two hand control

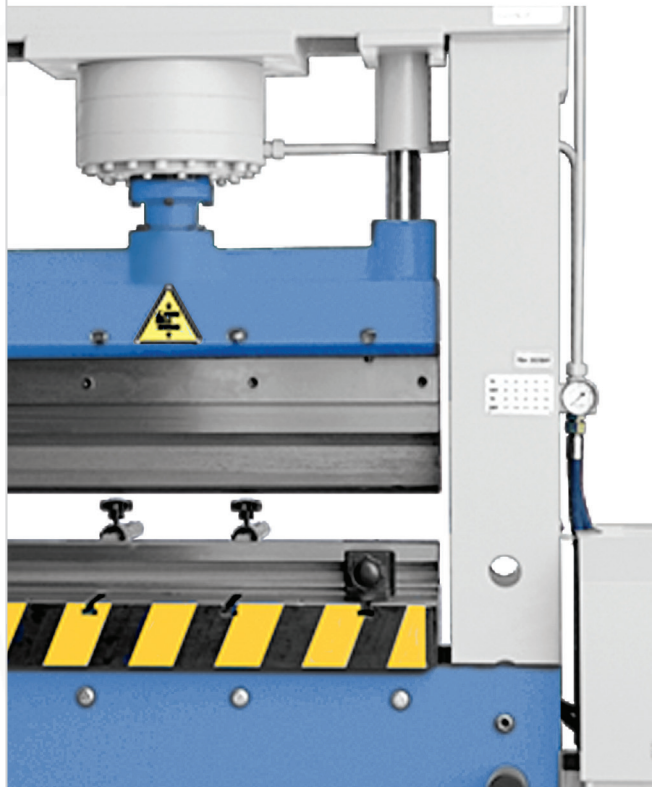
SHAT OPTIONAL EQUIPMENT

- ▶ Two hand control and foot pedal
- ▶ Press brake tooling
- ▶ Custom T-slot tables

HYDRAULIC PRESSES

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UNIVERSAL T-SLOT HYDRAULIC PRESSES



SHAT MODELS

MODEL	CAPACITY	MAX. WORKING PRESSURE	STROKE	WIDTH OF WORKING AREA	DISTANCE BETWEEN TABLES	ADVANCE SPEED	WORKING SPEED	RETURN SPEED	TABLE DIMENSION	BOTTOM TABLE HOLE DIAMETER	MOTOR POWER	WIDTH	LENGTH	HEIGHT	WEIGHT
	ton	bar	mm	mm	mm	mm/sec	mm/sec	mm/sec	mm	mm	kW	mm	mm	mm	kg
SHAT 1020-100	100	263	300	1020	680	8.0	5.0	10.0	500x1020	100	7.5	1000	2110	2275	1900
SHAT 1520-100	100	263	300	1520	680	8.0	5.0	10.0	500x1520	100	7.5	1000	2630	2275	2500
SHAT 1020-150	150	244	300	1020	610	9.0	5.0	10.0	600x1020	100	11.0	1000	2110	2450	2400
SHAT 1520-150	150	244	300	1520	610	9.0	5.0	10.0	600x1520	100	11.0	1000	2630	2450	3100

PNEUMATIC FORGING HAMMERS

SPH



SPH GENERAL FEATURES

- ▶ Welded steel construction
- ▶ Regular hitting with valve adjustment
- ▶ Pneumatic working system with 2 pistons
- ▶ Hourmeter
- ▶ All dies and sal block are inter-changeable, sal block adjustable to 8-directions
- ▶ Adjustable sal block for operator's working angle
- ▶ Easy and functional automatic lubrication system for front and rear pistons
- ▶ Adjustable foot pedal accordingly to working level and foot protection cover
- ▶ 360° adjustable-flanged ram and plexiglass cover

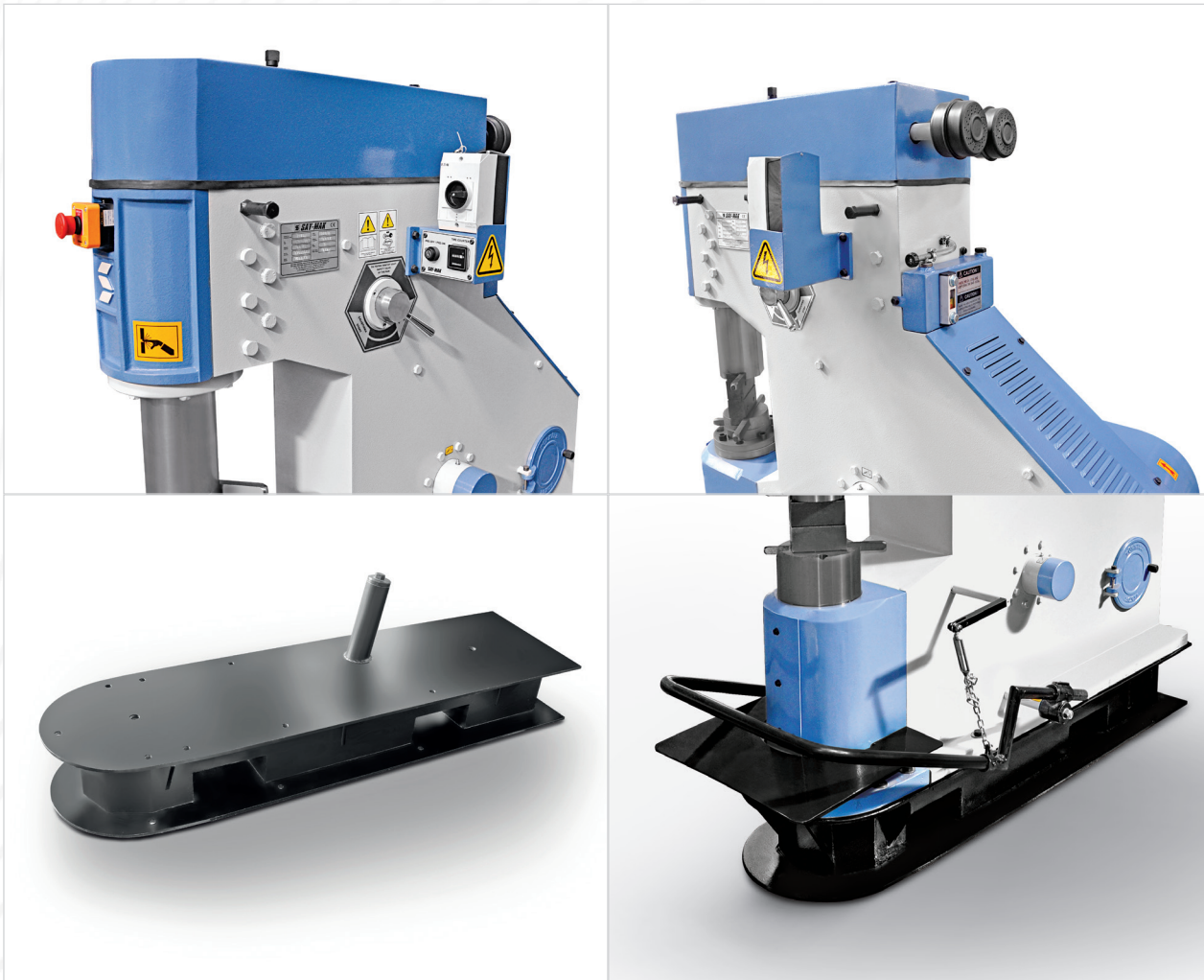
SPH OPTIONAL EQUIPMENT

- ▶ Steel base
- ▶ Special die types on demand

FORGING MACHINES

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PNEUMATIC FORGING HAMMERS

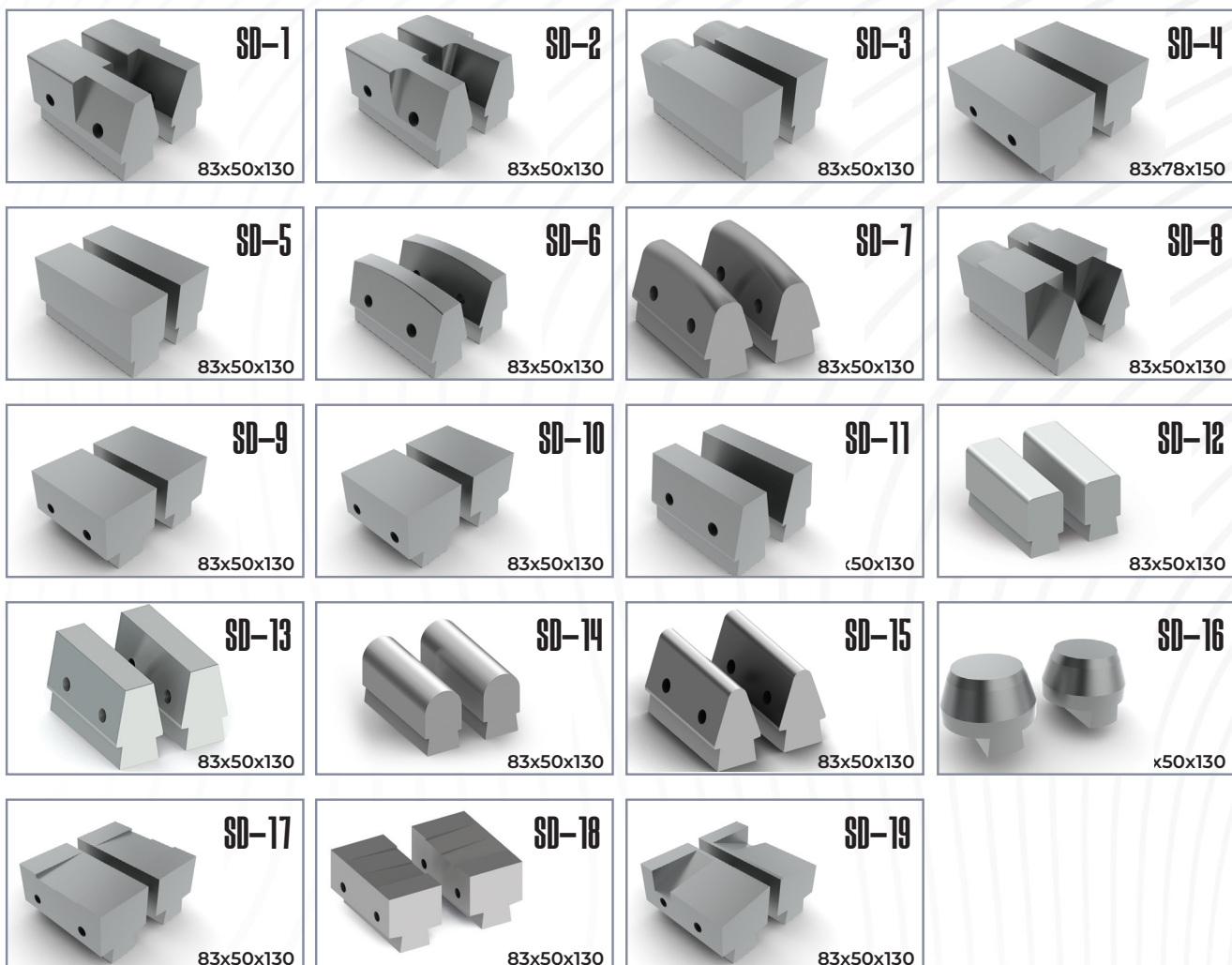


SPH MODELS

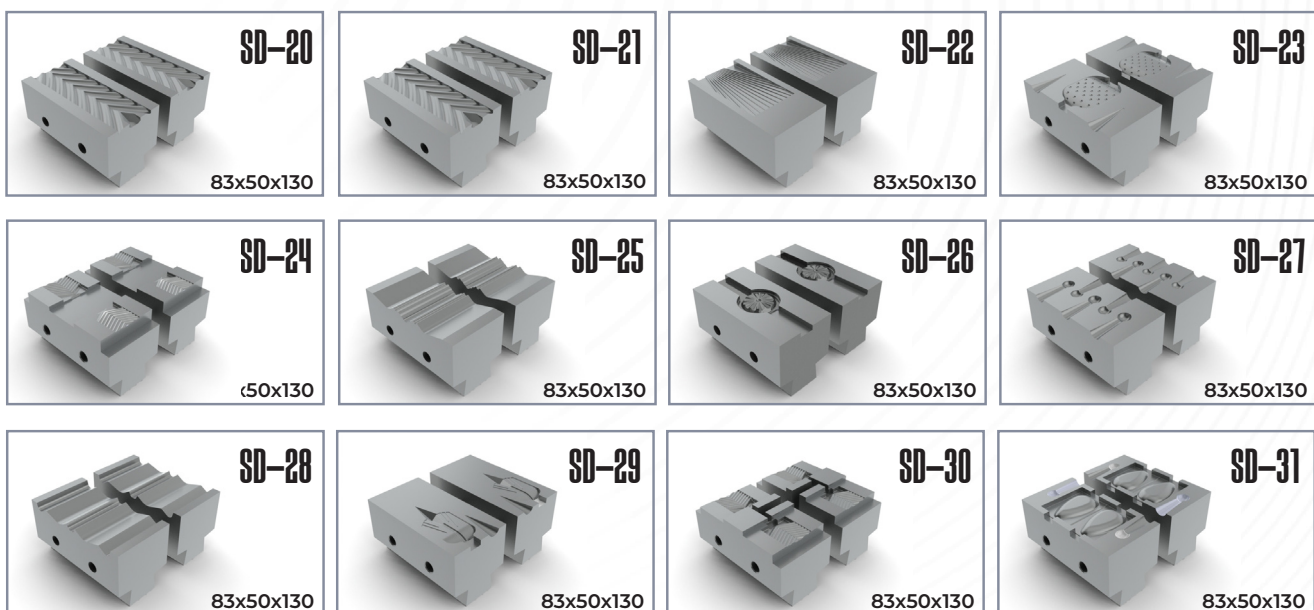
MODEL	OPERATING SYSTEM	NOMINAL HITTING WEIGHT	HITS PER MINUTE	MAX. HITTING COURSE	MOTOR POWER	DIE SURFACE	ANVIL WEIGHT	WIDTH	LENGTH	HEIGHT	WEIGHT
		kg	hits/min	mm	kW	mm	kg	mm	mm	mm	kg
SPH 50	PNEUMATIC	50	240	185	4.0	150x78	300	730	1750	1450	1000
SPH 60	PNEUMATIC	60	220	220	7.5	150x78	355	760	1840	1680	1300
SPH 75	PNEUMATIC	75	210	220	7.5	150x78	430	820	1950	1800	1600

PNEUMATIC FORGING HAMMERS

NON-FIGURED DIES



FIGURED DIES



NOTES

NOTES

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