

# METALEX

## ROTARY CLADDING MACHINE / COMBINATION ROTARY MACHINE / MULTIROLL



### SPECIFICATIONS

	Capacity mild steel	Dis.between shaft center	Depth of throat	Net / Gross weight	Shipping size
FME-22	0.8 mm ( 22 GA )	50 mm ( 2" )	178 mm ( 7" )	30 / 35 kgs ( 66 / 77 lbs )	455 x 435 x 180 mm

### SPECIFICATIONS

	Capacity mild steel	Throat depth	Distance between shaft center	Shipping weight
FMA-22	0.8 mm ( 22 GA )	THROATLESS	50 mm ( 2" )	25 kgs ( 55 lbs )

### SPECIFICATIONS

	Center distance between rollers	Thickness of material	Working depth	Shipping weight
FR-M220	50.8 mm ( 2" )	1.0 mm ( 20 GA )	203 mm ( 8" )	40 kgs ( 88 lbs )

## SECTION & PIPE BENDING MACHINES



### SPECIFICATIONS

	SK-30	SK-50
Motor	1 HP ( 0.75 kw )	3 HP ( 2.25 kw )
Shaft speed	6 / 12 RPM ( 2 speed )	60HZ : 22RPM ; 50HZ : 18RPM
Shaft diameters	Ø 30 mm	Ø 50 mm
Top roll diameters	Ø 148 mm	Ø 155 mm
Lower rolls diameters	Ø 118 mm	Ø 155 mm
Operating position	Vertical or horizontal	Vertical or horizontal
Foot pedal stand	Yes	Yes
Length	930 mm	1130 mm
Width	660 mm	842 mm
Height	1433 mm	1325 mm
Shipping weight	275 kgs	410 kgs

## HYDRAULIC NOTCHER MACHINES



### SPECIFICATIONS

	HN-4200	HN-6200	HN-6220V
Motor	3 HP	4 HP	4 HP
Blade length	200 x 200 mm	220 x 220 mm	220 x 220 mm
Table size	700 x 600 mm	650 x 650 mm	950 x 795 mm
Strokes per minute	22	15	15
Working force	25 Tons	24 Tons	24 Tons
Cutting angle	fixed: 90 degree	fixed: 90 degree	30 ~ 140 degree
Cutting capacity:			
Mild steel	4 mm / 9 GA	6 mm / 4 GA	6 mm / 4 GA
Mild steel r=60 kg/mm2	3 mm / 12 GA	5 mm / 7 GA	5 mm / 7 GA
Noise	70 dB	70 dB (at 1 Meter)	70 dB (at 1 Meter)
Overall dimension	830 x 700 x 1050 mm	660 x 660 x 1100 mm	980 x 930 x 1400 mm
Packing size	940 x 730 x 1115 mm	892 x 745 x 1192 mm	1090 x 1090 x 1385 mm
N.W. / G.W.	375 kgs / 410 kgs	495 kgs / 525 kgs	758 kgs / 790 kgs

## PNEUMATIC NOTCHER MACHINES



### SPECIFICATIONS

	PN-2150	PN-3130
Working pressure	115 P.S.I	115 P.S.I
Blade length	154 x 154 mm ( 6" x 6" )	130 x 130 mm
Table size	600 x 460 mm	600 x 460 mm
Strokes per minute	40	50
Working force	2.2 Tons	2.2 Tons
Cutting capacity:		
mild steel	2 mm / 14 GA	3 mm / 12 GA
R=42 kg/mm2	-	2 mm / 14 GA
R=60 kg/mm2		
Noise	68 dB ( at 1 Meter )	68 dB
Emergency stop	YES	YES
Overall dimension	660 x 600 x 1260 mm	660 x 600 x 1260 mm
Packing size	745 x 706 x 1366 mm	754 x 706 x 1366 mm
N.W. / G.W.	170 / 198 kgs	160 / 188 kgs

# METALEX

## FK-S FLOOR TYPE HAND BRAKE / FP-S BOX & PAN BRAKE ( FLOOR TYPE )



FK-S

FP-S

### SPECIFICATIONS

	Bending Length	Capacity Mild Steel	Capacity Stainless Steel	Shipping Weight ( G.W )
FK-S14418	3657 mm ( 144" )	1.2 mm ( 18 GA )	0.8 mm ( 22 GA )	1600 kgs ( 3520 lbs )
FK-S12016	3048 mm ( 120" )	1.6 mm ( 16 GA )	1.0 mm ( 20 GA )	1350 kgs ( 2970 lbs )
FK-S12014	3048 mm ( 120" )	2.0 mm ( 14 GA )	1.2 mm ( 18 GA )	1450 kgs ( 3190 lbs )
FK-S9618	2438 mm ( 96" )	1.2 mm ( 18 GA )	0.8 mm ( 22 GA )	690 kgs ( 1513 lbs )
FK-S9616	2438 mm ( 96" )	1.6 mm ( 16 GA )	1.2 mm ( 20 GA )	965 kgs ( 1653 lbs )
FK-S9612	2438 mm ( 96" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	1250 kgs ( 2750 lbs )
FK-S7212	1828 mm ( 72" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	1025 kgs ( 2255 lbs )
FK-S4812	1219 mm ( 48" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	570 kgs ( 1254 lbs )
FP-S12016	3048 mm ( 120" )	1.6 mm ( 16 GA )	1.0 mm ( 20 GA )	1650 kgs ( 3630 lbs )
FP-S12014	3048 mm ( 120" )	2.0 mm ( 14 GA )	1.2 mm ( 18 GA )	1745 kgs ( 3839 lbs )
FP-S9616	2438 mm ( 96" )	1.6 mm ( 16 GA )	1.0 mm ( 20 GA )	1000 kgs ( 2200 lbs )
FP-S9612	2438 mm ( 96" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	1275 kgs ( 2805 lbs )
FP-S7212	1828 mm ( 72" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	1150 kgs ( 2530 lbs )
FP-S4812	1219 mm ( 48" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	865 kgs ( 1903 lbs )

## FK-H BENCH TYPE HAND BRAKE / FP-B BOX & PAN BRAKE



FK-H

FP-B

FK-U

### SPECIFICATIONS

	Bending Length	Capacity Mild Steel	Maximum Deep Of Box	Maximum Lift Of Beam	Weight
FK-H4822	1219 mm ( 48" )	0.8 mm ( 22 GA )	100 mm ( 4" )	22 mm ( 7/8" )	120 kgs ( 264 lbs )
FK-H4816	1219 mm ( 48" )	1.6 mm ( 16 GA )	100 mm ( 4" )	32 mm ( 1 1/4" )	215 kgs ( 473 lbs )
FP-B2420	609 mm ( 24" )	1.0 mm ( 20 GA )	50 mm ( 2" )	22 mm ( 7/8" )	85 kgs ( 187 lbs )
FP-B4822	1219 mm ( 48" )	0.8 mm ( 22 GA )	100 mm ( 4" )	22 mm ( 7/8" )	145 kgs ( 319 lbs )
FP-B4816	1219 mm ( 48" )	1.6 mm ( 16 GA )	100 mm ( 4" )	32 mm ( 1 1/4" )	230 kgs ( 506 lbs )

### SPECIFICATIONS

	Bending Length	Capacity Mild Steel	Maximum Deep Of Box	Finger Width	Weight
FK-U3616	914 mm ( 36" )	1.6 mm ( 16 GA )	19 mm ( 3/4" )	25 / 50 / 75 / 100 / 125 / 160 ( 1", 2", 3", 4", 5", 6" )	165 kgs ( 363 lbs )
FK-U2416	609 mm ( 24" )	1.6 mm ( 16 GA )	19 mm ( 3/4" )	25 / 50 / 75 / 100 / 125 / 160 ( 1", 2", 3", 4", 5", 6" )	145 kgs ( 320 lbs )

## FOOT SHEARS / FOLDING MACHINES



FS-F

FF-G/FF-L/FF-H

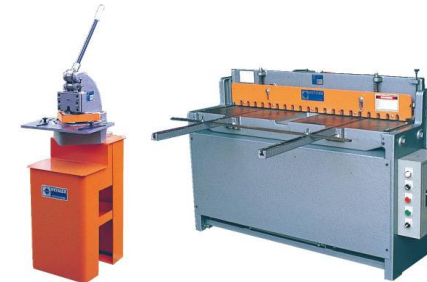
### SPECIFICATIONS

	Cutting Length	Capacity Mild Steel	Back Gauge Range	Front Gauge Range	Weight
FS-F5216	1320 mm ( 52" )	1.6 mm ( 16 GA )	700 mm ( 27.5" )	960 mm ( 37.8" )	540 kgs ( 1188 lbs )
FS-F3616	914 mm ( 36" )	1.6 mm ( 16 GA )	700 mm ( 27.5" )	960 mm ( 37.8" )	400 kgs ( 880 lbs )

### SPECIFICATIONS

	Usable Bending Length	Bending Capacity Plate Thickness	Bending Angle With Less/ More Than 35/20 mm Edge	Minimum Clamping Depth	Weight
FF-G2414	650 mm ( 25" )	2.0 mm ( 14 GA )	45° / 80°	19 mm ( 3/4" )	136 kgs ( 300 lbs )
FF-G4018	1050 mm ( 41" )	1.2 mm ( 18 GA )	45° / 80°	17.5 mm ( 11/16" )	180 kgs ( 396 lbs )
FF-G5220	1350 mm ( 53" )	1.0 mm ( 20 GA )	45° / 80°	14.5 mm ( 9/16" )	220 kgs ( 485 lbs )
FF-L2414	650 mm ( 25" )	2.0 mm ( 14 GA )	30° / 45°	16 mm ( 5/8" )	105 kgs ( 231 lbs )
FF-L4018	1050 mm ( 41" )	1.2 mm ( 18 GA )	30° / 45°	13 mm ( 1/2" )	145 kgs ( 319 lbs )
FF-L5220	1350 mm ( 53" )	1.0 mm ( 20 GA )	30° / 45°	10 mm ( 3/8" )	173 kgs ( 381 lbs )
FF-H2414	650 mm ( 25" )	2.0 mm ( 14 GA )	45° / 80°	19 mm ( 5/4" )	125 kgs ( 275 lbs )
FF-H4018	1050 mm ( 41" )	1.2 mm ( 18 GA )	45° / 80°	17.5 mm ( 11/16" )	165 kgs ( 363 lbs )
FF-H5220	1350 mm ( 53" )	1.0 mm ( 20 GA )	45° / 80°	14.3 mm ( 9/16" )	200 kgs ( 440 lbs )

## HAND NOTCHER / HYDRAULIC POWER SHEAR / PNEUMATIC POWER SHEAR



FN-M616

FS-P5216H

### SPECIFICATIONS

	Capacity	Material Capacity	Notch	Stock	Shipping Weight
FN-M616	4 TON	1.6 mm ( 16 GA )	152 x 152 x 90° ( 6" x 6" x 90° )	19 mm ( 3/4" )	100 kgs ( 220 lbs )

### SPECIFICATIONS

	Cutting Length	Capacity Mild Steel	Capacity Stainless Steel	Back Gauge Range	Front Gauge Range	Weight
FS-P5216H	1320 mm ( 52" )	1.6 mm ( 16 GA )	1.0 mm ( 20 GA )	700 mm ( 27.5" )	960 mm ( 37.8" )	640 kgs ( 1408 lbs )
FS-P5212H	1320 mm ( 52" )	2.5 mm ( 12 GA )	1.6 mm ( 16 GA )	700 mm ( 27.5" )	960 mm ( 37.8" )	850 kgs ( 1870 lbs )
FS-P5210H	1320 mm ( 52" )	3.2 mm ( 10 GA )	1.6 mm ( 16 GA )	700 mm ( 27.5" )	960 mm ( 37.8" )	850 kgs ( 1870 lbs )
FS-P5216A	1320 mm ( 52" )	1.6 mm ( 16 GA )	1.0 mm ( 20 GA )	700 mm ( 27.5" )	960 mm ( 37.8" )	570 kgs ( 1254 lbs )

# METALEX SLIP ROLLS



FR-S



FR-B

## SPECIFICATIONS

	Forming Width	Material Capacity	Diameter Of Rolls	Minimum Radius	Shipping Weight
FR-S2420	609 mm (24")	1.0 mm (20 GA)	50 mm (2")	33.25 mm (1.3")	75 kgs (165 lbs)
FR-S3622	914 mm (36")	0.8 mm (22 GA)	50 mm (2")	33.25 mm (1.3")	130 kgs (286 lbs)
FR-S5016	1270 mm (50")	1.6 mm (16 GA)	75 mm (3")	50 mm (2")	250 kgs (550 lbs)

## SPECIFICATIONS

	Working Length	Max. Thickness Of Material	Dia. Of Upper Roller	Shipping Weight
FR-B4018	1016 mm (40")	1.2 mm (18 GA)	55 mm (2-5/32")	230 kgs (506 lbs)
FR-B4016	1016 mm (40")	1.6 mm (16 GA)	60 mm (2-3/8")	250 kgs (550 lbs)
FR-B5016	1270 mm (50")	1.6 mm (16 GA)	75 mm (3")	300 kgs (660 lbs)

# POWER ROLL / LOCK-FORMING MACHINE



FR-P / FR-PB



FBB-20

Model	Working length	Capacity mild steel	Rolls Dia.	Maximum dia. of rolling capacity	Shipping weight
FR-P5016	1270 mm (50")	1.6 mm (16 GA)	75 mm (3")	101 mm (4")	420 kgs (924 lbs)
FR-PB4018	1016 mm (40")	1.2 mm (18 GA)	55 mm (2-5/32")	73 mm (2-7/8")	330 kgs (726 lbs)
FR-PB4016	1016 mm (40")	1.6 mm (16 GA)	55 mm (2-5/32")	73 mm (2-7/8")	350 kgs (770 lbs)
FR-PB5016	1270 mm (50")	1.6 mm (16 GA)	75 mm (3")	101 mm (4")	420 kgs (924 lbs)
FR-PB5014	1270 mm (50")	2.0 mm (14 GA)	75 mm (3")	101 mm (4")	420 kgs (924 lbs)

## SPECIFICATIONS

Capacity	Approx. 25 mm (1") of material 0.5-1.0 mm (20 - 26 GA)
Depth of pocket	8 mm (5/16") width of hammer-over edge adjustable up to 9.5 mm (3/8")
Speed	25 feet / 7.62 meter per minute
Motor	AC Motor 1 HP - 3Phase - Manual switch
Drive	V-belt
Overall height	812.8 mm (32")
Overall dimension	914 mm (36") L x 419 mm (16-1/2") W x 927 mm (36-1/2") H
Weight	150 kgs (330 lbs)

MODEL	Optional rolls	Capacity	Approx. Material used	Size
	Double seam rolls	0.5-1.0 mm 20 to 26 gauge	25.4 mm (1")	10 mm 3/8" Seam
	Drive cleat rolls	0.5-1.0 mm 20 to 26 gauge	54 mm (2-1/8")	28.5 mm 1-1/8" Width
	Right angle flange rolls	0.5-1.0 mm 20 to 26 gauge	up to 10 mm (3/8")	10 mm up to 3/8" High

# HYDRAULIC ROLL WITH HYDRAULIC SINGLE PINCH

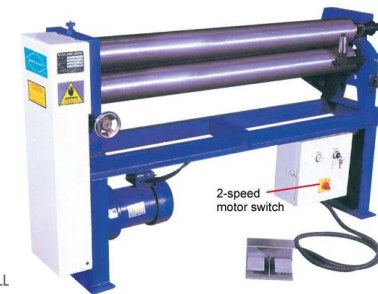


HYDRAULIC BENDING ROLL

## SPECIFICATIONS

	Mild-Steel Capacity	Roll		Motor	Packing Size	Weight
		Diameter	Speed			
FHR-0460	1300 x 6.0 mm ( 4" x 1/4" )	140 mm	4 M/min	5 HP	2300 x 900 x 1360 mm	1800 kgs
FHR-0560	1550 x 6.0 mm ( 5" x 1/4" )	150 mm	4 M/min	5 HP	2600 x 900 x 1360 mm	2100 kgs
FHR-0645	2050 x 4.5 mm ( 6" x 3/16" )	160 mm	4 M/min	5 HP	3200 x 900 x 1360 mm	2800 kgs
FHR-0660	2050 x 6.5 mm ( 6" x 1/4" )	180 mm	4 M/min	7.5 HP	3200 x 900 x 1360 mm	3680 kgs
FHR-0825	2550 x 2.5 mm ( 8" x 12 GA )	140 mm	4 M/min	5 HP	3700 x 900 x 1360 mm	2200 kgs
FHR-0832	2550 x 3.5 mm ( 8" x 10 GA )	150 mm	4 M/min	5 HP	3700 x 900 x 1360 mm	2850 kgs
FHR-1025	3050 x 2.5 mm (10" x 12 GA)	160 mm	4 M/min	5 HP	4200 x 970 x 1360 mm	3900 kgs
FHR-1035	3050 x 3.5 mm (10" x 12 GA)	170 mm	4 M/min	7.5 HP	4200 x 970 x 1360 mm	4200 kgs

# MOTORIZED ROLL WITH MANUAL PINCH



MOTORIZED BENDING ROLL

## SPECIFICATIONS

	Mild-Steel Capacity	Manual Clamping Roll	Roll		Motor	Packing Size	Weight
			Diameter	Speed			
FMR-0425	1300 x 2.5 mm ( 4" x 12 GA )	Individual bolt	90 mm	6 M/min	2 HP	1980 x 690 x 1285 mm	750 kgs
FMR-0432	1300 x 3.2 mm ( 4" x 10 GA )	Individual bolt	110 mm	6 M/min	2 HP	1980 x 690 x 1285 mm	820 kgs
FMR-0445	1300 x 4.5 mm ( 4" x 3/16" )	Individual bolt	120 mm	6 M/min	3 HP	1980 x 690 x 1300 mm	900 kgs
FMR-0525	1550 x 2.5 mm ( 5" x 12 GA )	Individual bolt	100 mm	6 M/min	2 HP	2450 x 740 x 1300 mm	920 kgs
FMR-0532	1550 x 3.2 mm ( 5" x 10 GA )	Individual bolt	120 mm	6 M/min	3 HP	2450 x 740 x 1300 mm	1000 kgs
FMR-0540	1550 x 4.0 mm ( 5" x 5/32" )	Individual bolt	130 mm	6 M/min	3 HP	2450 x 740 x 1300 mm	1050 kgs
FMR-0616	2050 x 1.6 mm ( 6" x 16 GA )	Simultaneous	110 mm	6 M/min	3 HP	2700 x 760 x 1300 mm	1200 kgs
FMR-0632	2050 x 3.2 mm ( 6" x 10 GA )	Simultaneous	130 mm	6 M/min	3 HP	2700 x 780 x 1300 mm	1450 kgs

# METALEX HYDRAULIC PUNCHING MACHINES



HPM-100

## SPECIFICATIONS

	HPM-60	HPM-80	HPM-100	HPM-125	HPM-140
Rated capacity	60	80	100	125	140
Maximum capacity	29 x 15 mm	28 x 20 mm	27 x 25 mm	35 x 25 mm	39 x 25 mm
Diameter x thickness	57 x 8 mm	57 x 10 mm	57 x 12 mm	57 x 16 mm	57 x 17 mm
Stroke length	85 mm	85 mm	80 mm	80 mm	80 mm
Throat depth	625 mm	625 mm	625 mm	625 mm	625 mm
Large hole ( standard )	57 mm	57 mm	57 mm	57 mm	57 mm
Large hole ( optional )	160 mm	160 mm	160 mm	225 mm	225 mm
Maximum section	305 mm	305 mm	305 mm	305 mm	305 mm
Working height	1075 mm	1075 mm	1050 mm	1056 mm	1056 mm
Motor power	7.5 HP ( 5.5 kw )	10 HP ( 7.5 kw )	10 HP ( 7.5 kw )	15 HP ( 11 kw )	15 HP ( 11 kw )
Net weight	1400 kg	1700 kg	2230 kg	2750 kg	2800 kg

## OPTIONAL ACCESSORIES

	HPM-60	HPM-80	HPM-100	HPM-125	HPM-140
Corner notch Max. capacity	250 x 250 x 6 mm	250 x 250 x 6 mm	250 x 250 x 6 mm	250 x 250 x 6 mm	250 x 250 x 6 mm
Tube notch max. outside diameter	83 mm	83 mm	108 mm	108 mm	108 mm
Max. sheet bending	500 x 3 mm	500 x 3 mm	500 x 3 mm	700 x 3 mm	700 x 3 mm
Max. bar bending	250 x 12 mm	250 x 15 mm	250 x 20 mm	250 x 22 mm	250 x 22 mm

# HORIZONTAL HYDRAULIC BENDING PRESS



HHB-22

optional



MODEL	HHB-22 mm	HHB-40 mm
BENDING L= 8 x Sp.	L=120 120 x 15	L=160 160 x 20
	-	L=200 120 x 25
BEAM-TYPE PIPE BENDING	R=42.5 3/8" R=50 1/2" R=66.5 3/4" R=94 1" R=155 1 1/4" R=170 1 1/2"	R=42.5 3/8" R=50 1/2" R=66.5 3/4" R=94 1" R=155 1 1/4" R=170 1 1/2" R=225 2"
PUNCHING	ø16 8 ø20 7 ø30 4.5 ø35 4	ø16 13 ø20 14 ø30 9 ø35 8
SHEARING	10 x 100	15 x 120

## SPECIFICATIONS

	HHB-22	HHB-40	HHB-22	HHB-40
Maximum power	22 ton	40 ton	29 mm/sec	29 mm/sec
Workbench dimension	630 x 1100 mm	630 x 1150 mm	Working speed	8 mm/sec
Height of workbench from the ground	925 mm	1000 mm	Dimensions of tool-locking pins	ø55 Min - H 110 ø63 Min - H 110
Bending capacity (single - V Dia)	120 x 15t	160 x 20t	Tank capacity	55 Lt 70 Lt
Tool holding pins - height	120 mm	120 mm	Electric motor 220V / 60HZ.	2 HP 5 HP
Tool holding pins - Diameter	50 / 55 mm	58 / 63 mm	Bending press dimension W x L x H	1230 x 1310 x 1100 mm 1250 x 1300 x 1275 mm
Carriage stroke	200 Mm	250 Mm	Net weight	620 kgs 850 kgs
Hydraulic pressure	200 kg/cm <sup>2</sup>	235 kg/cm <sup>2</sup>		

# HYDRAULIC NC PRESS BRAKE



APB-60/20

## SPECIFICATIONS

	60/20	80/25	135/30	135/40	165/30	165/40	200/30	200/40	250/30	250/40	300/30	300/40
Max. pressing force	800 kN	800 kN	1350 kN	1350 kN	1650 kN	1650 kN	2000 kN	2000 kN	2500 kN	2500 kN	3000 kN	3000 kN
Working length	2100 mm	2500 mm	3100 mm	4000 mm	3100 mm	4000 mm	3200 mm	4000 mm	3200 mm	4000 mm	3200 mm	4000 mm
Distance between side frames	1600 mm	2050 mm	2550 mm	3150 mm	2550 mm	3150 mm	2550 mm	3150 mm	2550 mm	3200 mm	2550 mm	3200 mm
Max. stroke length of the ram	150 mm	200 mm	200 mm	200 mm	200 mm	200 mm	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm
Max. distance table / ram	320 mm	400 mm	400 mm	400 mm	400 mm	400 mm	500 mm	500 mm	500 mm	500 mm	500 mm	500 mm
Depth of gap	200 mm	250 mm	250 mm	250 mm	250 mm	250 mm	300 mm	300 mm	300 mm	300 mm	300 mm	300 mm
Width of the table	140 mm	140 mm	180 mm	180 mm	180 mm	180 mm	250 mm	250 mm	300 mm	250 mm	250 mm	250 mm
Distance between table & floor	760 mm	910 mm	910 mm	910 mm	910 mm	910 mm	950 mm	950 mm	950 mm	950 mm	950 mm	950 mm
Approach speed	100 mm/s	100 mm/s	100 mm/s	100 mm/s	100 mm/s	100 mm/s	80 mm/s	80 mm/s	80 mm/s	80 mm/s	80 mm/s	80 mm/s
Working speed	10 mm/s	10 mm/s	8 mm/s	8 mm/s	8 mm/s	8 mm/s	7 mm/s	7 mm/s	7 mm/s	7 mm/s	7 mm/s	7 mm/s
Return speed	90 mm/s	90 mm/s	80 mm/s	80 mm/s	80 mm/s	80 mm/s	70 mm/s	70 mm/s	70 mm/s	70 mm/s	70 mm/s	70 mm/s
Motor	5 kw	7.5 kw	10 kw	10 kw	15 kw	15 kw	20 kw	20 kw	25 kw	25 kw	25 kw	25 kw
Oil tank	70 L	100 L	120 L	120 L	150 L	150 L	200 L	200 L	220 L	220 L	250 L	250 L
Machine weight	2500 kgs	4700 kgs	6500 kgs	8400 kgs	8500 kgs	10500 kgs	11000 kgs	13500 kgs	13000 kgs	18000 kgs	15000 kgs	21000 kgs

# HYDRAULIC NC SHEARING MACHINE



AGS-6/25

## SPECIFICATIONS

	6/25	6/20	6/40	6/32	6/40	10/31	12/31	13/40	16/31	16/40	20/32	20/31	20/32
Mild steel (45 kg/mm <sup>2</sup> )	6.35 mm	6.35 mm	6.35 mm	6.35 mm	8 mm	10 mm	13 mm	13 mm	16 mm	16 mm	20 mm	20 mm	20 mm
Stainless (60 kg/mm <sup>2</sup> )	4 mm	4 mm	4 mm	4 mm	6 mm	7 mm	9 mm	9 mm	12 mm	12 mm	15 mm	15 mm	15 mm
Max. cutting force	200 kN	200 kN	200 kN	200 kN	460 kN	460 kN	600 kN	600 kN	1030 kN	1030 kN	1700 kN	1700 kN	1700 kN
Max. cutting length	2500 mm	3100 mm	4100 mm	6200 mm	4100 mm	3100 mm	3100 mm	4100 mm	3100 mm	4100 mm	6200 mm	3100 mm	6200 mm
Strokes per minute	13-50 mm	12-50 mm	10-45 mm	9-40 mm	10-40 mm	9-40 mm	11-40 mm	7-28 mm	7-28 mm	7-28 mm	5-20 mm	7-25 mm	5-20 mm
Flake angle adjustment	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm	0.5-2.5 mm
Back gauge range	750 mm	750 mm	750 mm	750 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Number of hold-downs	14 mm	17 mm	22 mm	32 mm	21 mm	17 mm	16 mm	20 mm	16 mm	20 mm	32 mm	16 mm	32 mm
Motor	7.5 kw	7.5 kw	7.5 kw	11 kw	15 kw	15 kw	18.5 kw	18.5 kw	30 kw	30 kw	37.5 kw	37.5 kw	37.5 kw
Approx. shipping weight	4700 kgs	5500 kgs	9200 kgs	19000 kgs	10800 kgs	8700 kgs	9500 kgs	14000 kgs	14000 kgs	18000 kgs	50000 kgs	16000 kgs	50000 kgs
Length	3100 mm	3700 mm	4650 mm	6900 mm	4780 mm	3780 mm	3850 mm	4900 mm	3800 mm	5000 mm	7300 mm	3970 mm	7300 mm
Width	1900 mm	1900 mm	1900 mm	2100 mm	2100 mm	2100 mm	2150 mm	2150 mm	2140 mm	2140 mm	2275 mm	2275 mm	2275 mm
Height	1950 mm	1950 mm	2000 mm	2100 mm	2000 mm	2050 mm	2100 mm	2150 mm	2000 mm	2050 mm	3200 mm	2850 mm	3200 mm
Oil tank	150 L	150 L	200 L	250 L	250 L	380 L	450 L	480 L	500 L	500 L	900 L	550 L	900 L

# METALEX

## ELECTRIC - DIGITAL PIPE BENDING MACHINES



### SPECIFICATIONS

	BM-42A		BM-60A		BM-65A		BM-70A	
	Without Mandrel	With Mandrel	Without Mandrel	With Mandrel	Without Mandrel	With Mandrel	Without Mandrel	With Mandrel
Hard and soft copper pipes, annealed brass pipes	42 mm	1.5 mm	54 mm	4 mm	54 mm	4 mm	64 mm	4 mm
Steel pipe for electricity plants	40 mm	1.5 mm	54 mm	2 mm	54 mm	2 mm	60 mm	2 mm
Stainless steel AISI 304 / 316 pipes	30 mm	2 mm	42 mm	3 mm	42 mm	3 mm	60 mm	3 mm
Hydraulic steel tubes ST 35.4	42 mm	3 mm	54 mm	4 mm	54 mm	4 mm	60 mm	4 mm
Furniture tubes	42 mm	2 mm	54 mm	3 mm	54 mm	3 mm	60 mm	3 mm
FE boiler pipes	42 mm	3 mm	54 mm	4 mm	54 mm	4 mm	60 mm	4 mm
Aluminum pipes	42 mm	3 mm	54 mm	5 mm	54 mm	5 mm	60 mm	8 mm
Gas pipes UNI 5745	1-1/4"	Standard	1-1/2"	Standard	1-1/2"	Standard	2"	Standard
Double coated pipe	42 mm	Standard	54 mm	Standard	63 mm	Standard	-	-
Standard centreline bending radius	3 or 4 mm x Ø		3 or 4 mm x Ø		3 or 4 mm x Ø		3 or 4 mm x Ø	
Motor power	0.65 kw / 220 v (380 v)		1.1 kw / 220 v (380 v)		1.5 kw / 220 v (380 v)		1.5 / 2.2 kw / 220 v (415 v)	
Dimensions (L x W x H)	600 x 180 x 450 mm		600 x 220 x 470 mm		700 x 520 x 1250 mm		810 x 515 x 1100 mm	
Weight (nt)	94 kgs		107 kgs		185 kgs		210 kgs	

## PIPE & TUBE NOTCHER



PN-100S

PN-150

### SPECIFICATIONS

	PN-100S	PN-100SDC	PN-150S	PN-150SDC
Main motor	3 (5) HP	3 (5) HP	3 (5) HP	3 (5) HP
Belt size	100 x 2000 mm	100 x 2000 mm	150 x 2000 mm	150 x 2000 mm
Belt speed	15/30 m/sec	15/30 m/sec	15 (30) m/sec	15 (30) m/sec
Grinder diameter	Ø20 ~ Ø76 mm	Ø20 ~ Ø76 mm	Ø20 ~ Ø114 mm	Ø20 ~ Ø114 mm
Dust collection motor	-	1/2 HP	-	1/2 HP

## HYDRAULIC MULTI-FUNCTIONAL SHEET METAL WORKING MACHINES



HIW-40  
capacity:40 Ton

HIW-45/60  
capacity:45/60 Ton

HIW-60DC/80/100  
capacity:60/80/100 Ton

HIW-125/140/175  
capacity:125/140/175 Ton

### SPECIFICATIONS

	HIW-40	HIW-45	HIW-60	HIW-60DC	HIW-80	HIW-100	HIW-125	HIW-140	HIW-175
Rated capacity	40 Ton	45 Ton	60 Ton	60 Ton	80 Ton	100 Ton	125 Ton	140 Ton	175 Ton
Maximum capacity	20 x 15	22 x 15	28 x 15	29 x 15	28 x 20	27 x 25	35 x 25	38 x 25	40 x 32
Diameter x thickness	38 x 8	38 x 8	38 x 11	57 x 8	57 x 10	57 x 12	57 x 16	57 x 17	57 x 22
Stroke length	32	50	55	55	55	80	80	80	80
Speed - 20 mm travel	23 cycles/min	20 cycles/min	26 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min
Standard throat depth	175	175	220	305	305	355	355	355	625
Deep throat model (optional)	-	210	250	625	625	625	625	625	625
Largest hole (standard)	38	38	38	57	57	57	57	57	57
Largest hole (optional)	57	110	110	160	160	160	225	225	225
Max. section flange punch	-	102	102	305	305	305	305	305	380
Working height	1075	940	940	1030	1090	1040	1060	1060	1134
Flat bar - max. thickness	200 x 13	200 x 10	200 x 20	230 x 20	300 x 20	380 x 20	380 x 25	400 x 25	380 x 30
Flat bar - max. width	350 x 6	300 x 12	300 x 15	375 x 10	450 x 15	480 x 15	600 x 15	600 x 20	600 x 20
Length of blade	352.5	317.5	317.5	405	483	500	620	620	620
Angle flange trim - max 45°	80 x 10	80 x 10	80 x 10	100 x 15	100 x 15	120 x 15	120 x 15	120 x 15	120 x 15
Working height	1075	940	940	890	890	890	900	800	850
90° cut	80 x 8	100 x 10	127 x 12	130 x 13	150 x 13	150 x 15	150 x 18	150 x 18	200 x 20
45° miter (true int. / ext.)	50 x 6	70 x 6	80 x 8	70 x 10	70 x 10	80 x 10	80 x 10	80 x 10	80 x 10
Working height	1210	1140	1140	1130	1155	1155	1160	1160	1160
Round / Square	30 / 25	30 / 30	40 / 35	45 / 45	45 / 45	50 / 50	55 / 55	55 / 55	65 / 65
Section blades - round	30	30	20, 40	16, 25, 45	16, 25, 45	20, 30, 50	20, 40, 55	20, 40, 55	20, 30, 40, 55
Section blades - square	25	30	16, 35	20, 45	20, 45	30, 50	30, 40, 55	30, 40, 55	25, 40, 55
Channel / beam (optional)	76 x 38	80 x 45	102 x 51	130 x 65	130 x 65	160 x 90	200 x 100	200 x 100	300 x 125
Tee (optional)	38 x 6	40 x 7	76 x 10	90 x 12	90 x 12	100 x 12	120 x 12	120 x 12	150 x 15
Working height	1140	1135	1140	1175	1175	1170	1170	1170	1170
Material thickness	-	9	10	10	12	13	13	13	16
Width - rectangle	-	35	42	45	40	52	60	60	60
Depth - rectangle	-	75	100	90	90	100	100	100	100
Depth - vee (optional)	-	60	60	60	60	70	80	80	80
Angle flange - max. profile (optional)	-	80 x 8	100 x 10	100 x 10	100 x 10	100 x 13	100 x 13	100 x 13	110 x 14
Working height	-	940	940	890	890	900	900	900	900
Motor power	5 HP	5.5 HP	5.5 HP	7.5 HP	10 HP	15 HP	15 HP	15 HP	20 HP
Net weight	570 kgs	1100 kgs	1300 kgs	1650 kgs	2000 kgs	3100 kgs	3400 kgs	3500 kgs	-
Gross weight	640 kgs	1200 kgs	1450 kgs	1800 kgs	2200 kgs	3300 kgs	3600 kgs	3700 kgs	-
Machine dim.(LxWxH),cm	106 x 55 x 148	145 x 59 x 162	152 x 59 x 170	164 x 71 x 177	178 x 71 x 183	190 x 79 x 191	200 x 80 x 203	202 x 85 x 203	-
Packed dim.(LxWxH), cm	122 x 64 x 159	159 x 86 x 182	177 x 86 x 186	191 x 90 x 201	198 x 90 x 207	217 x 101 x 212	230 x 102 x 221	232 x 101 x 221	-
Net weight	-	-	-	1650 kgs	2200 kgs	3300 kgs	3700 kgs	3800 kgs	5500 kgs
Gross weight	-	-	-	2050 kgs	2400 kgs	3500 kgs	3900 kgs	4000 kgs	5800 kgs
Machine dim.(LxWxH),cm	-	-	-	194 x 71 x 177	206 x 71 x 183	210 x 79 x 191	227 x 80 x 203	229 x 85 x 203	270 x 112 x 210
Packed dim.(LxWxH), cm	-	-	-	221 x 90 x 201	226 x 90 x 209	239 x 101 x 217	250 x 101 x 222	255 x 108 x 221	286 x 127 x 226
Corner notch	Max. capacity	150 sq x 3	150 sq x 4	250 sq x 6	250 sq x 6	250 sq x 6	250 sq x 6	250 sq x 6	250 sq x 6
Tube notch	Max. outside diameter	40	60	60	83	83	108	108	165
Bending	Bar bend max. capacity	80 x 10	100 x 12	150 x 12	250 x 12	250 x 15	250 x 20	250 x 22	250 x 25
	Sheet bend max. capacity	-	-	900 x 3	900 x 3	900 x 3	700 x 3	700 x 3	700 x 4
Punching at notch station	Throat depth	-	85	110	125	125	125	125	125
	Max. capacity	-	18 x 12	20 x 12	38 x 7	38 x 8	38 x 10	38 x 12	38 x 13