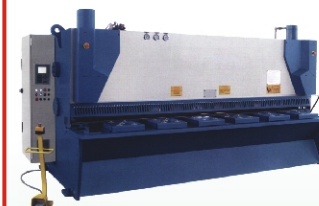
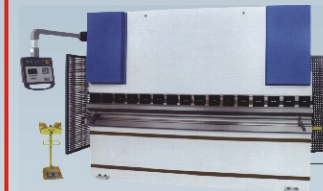




SHREE PARVATI METALS



SHREE PARVATI METALS PVT. LTD.

ISO 9001 : 2008 CERTIFIED COMPANY

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Machine Catalogue



COMPANY Introduction

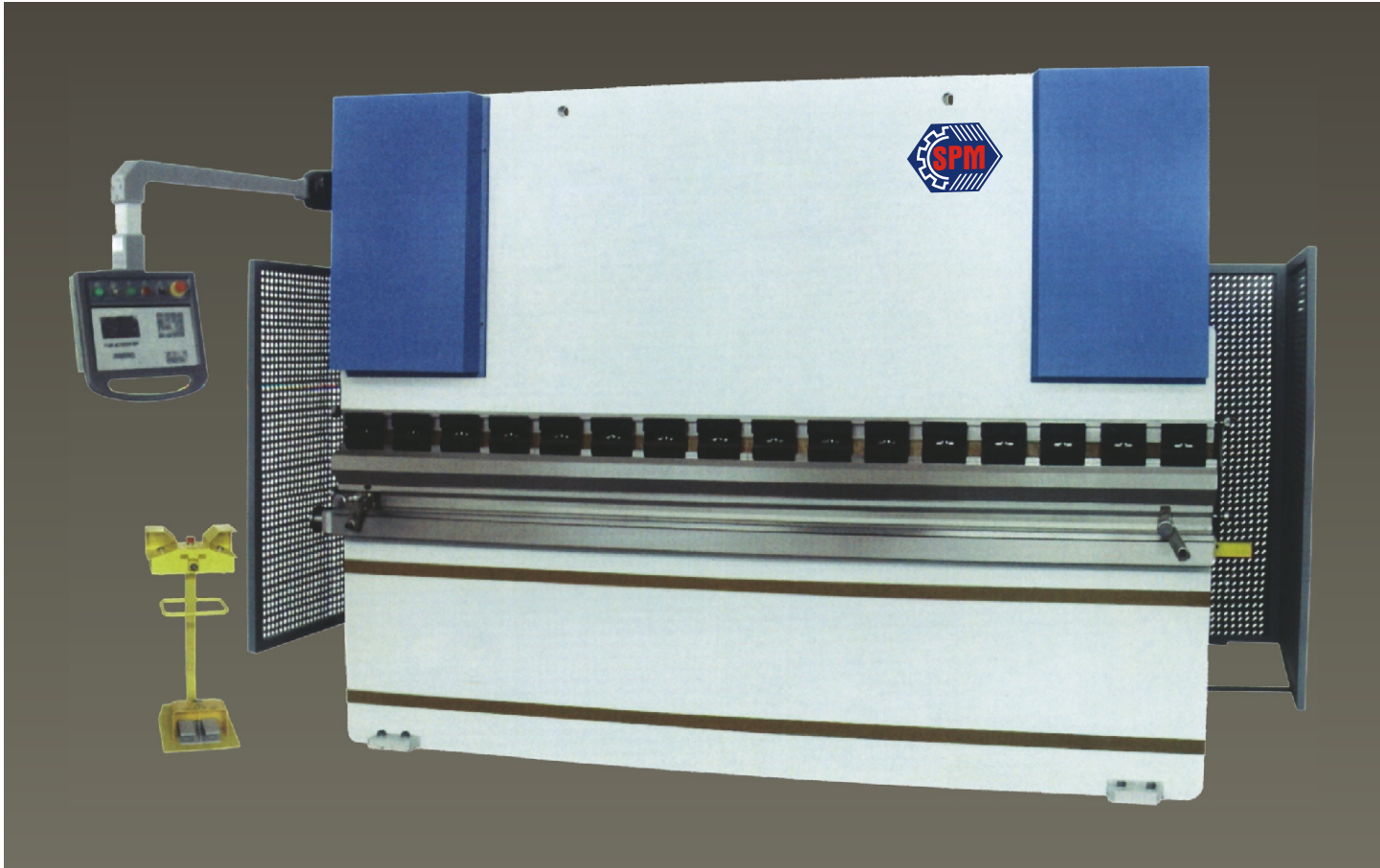
Shree Parvati Metals established in 1979 by Mr. Surender Chauhan for Manufacturing of Precision Sheet metal Machinery like Shearing Machines, Press Brake, Power Press, Lathe Machine, Milling Machine. Customer required special purpose machine under the brand name of SPM, After such a long experience and history of service SPM has now moved one step further. We are providing Hydraulic Iron Worker, Hydraulic Press Brake , CNC Hydraulic press brake, Hydraulic guillotine shear, NC Hydraulic Guillotine shear, Hydraulic [CNC] Swing Beam Shear, 3 in 1 Precision NC Servo Straightener Feed, 2 in 1 Precision uncoiler & straightener, Slitting Line, Cut to Length Line.





CNC HYDRAULIC PRESS BRAKE

The main machine adopts the structure of above hydraulic press brake. Special CNC system for press brake. High Precision, Sophisticated ball screw. Back gauge driven by digital AC servo motor. High speed, precise fix position. Being equipped with double axles device, more axles are optional.



The hydraulic press brake is equipped with oil cylinders to ensure the better bending effect compared with other peer products. It employs poer adjusting devices for the ramstroke and a back gauge with a manual fine adjusting mechanism, besides it has a counter displaying the number. What is more the Machine also own an adjusting device of upper tool wedge clamping on the top of upper tool to ensure the precise of bending.

Technical Data

SPECIFICATION	NOMINAL PRESSURE	LENGTH OF WORKING TABLE	DISTANCE BETWEEN UPRIGHTS	THROAT DEPTHS	RAM STROKE	MOTOR POWER
	kN	mm	mm	mm	mm	kW
PB – 63/2500	630	2500	2020	250	120	5.5
PB – 63/3200	630	3200	2520	250	120	5.5
PB – 80/3200	800	3200	3020	320	120	7.5
PB – 80/4000	800	4000	3020	320	120	7.5
PB – 100/2500	1000	2500	2020	320	120	7.5
PB – 100/3200	1000	3200	2520	320	120	7.5
PB – 100/4000	1000	4000	3020	320	120	7.5
PB – 100/5000	1000	5000	4010	320	120	7.5
PB – 125/2500	1250	2500	2020	320	120	7.5
PB – 125/3200	1250	3200	2520	320	120	7.5
PB – 125/4000	1250	4000	3020	400	120	7.5
PB – 125/5000	1250	5000	4010	320	120	7.5
PB – 160/3200	1600	3200	2520	320	200	11
PB – 160/4000	1600	4000	3020	320	200	11
PB – 160/5000	1600	5000	4010	320	200	15
PB – 160/6000	1600	6000	4850	400	200	15
PB – 200/3200	2000	3200	2520	400	200	15
PB – 200/4000	2000	4000	3020	400	200	15
PB – 200/5000	2000	5000	4010	320	200	15
PB – 200/6000	2000	6000	4850	400	200	15
PB – 250/3200	2500	3200	2520	400	250	18.5
PB – 250/4000	2500	4000	3020	400	250	18.5
PB – 250/5000	2500	5000	4010	400	250	18.5
PB – 300/4000	3000	4000	3020	400	250	22
PB – 300/5000	3000	5000	4010	400	250	22
PB – 300/6000	3000	6000	4850	400	250	22
PB – 400/5000	4000	5000	4010	400	250	30
PB – 400/6000	4000	6000	4850	400	250	30
PB – 500/6000	5000	6000	4850	400	300	37
PB – 600/7000	6000	6000	5600	400	300	45
PB – 700/7000	7000	7000	5600	400	300	45
PB – 1000/8000	10000	8000	6000	500	450	2x37

*Description and specifications given in this catalogue are subject to modification without notice.



HYDRAULIC IRON WORKER



SUMMARY

The multi functional iron worker can cut and punch all kinds of materials such as plate, square bar, angle, round bar, channel and so on. It has another special function, that is, it can also bend the plate below 500 mm. With its multifunction, the machine is your first choice among the counterpart machine. All the components are of the highest quality in their safety, function, capability & maintenance.

Specifications :

MODEL	IW-16	IW-20	IW-25	IW-30	IW-40
Working Pressure (KN)	550	750	1100	1400	1800
Max cutting thickness (mm)	16	20	25	30	40
Max cutting length (mm)	400	480	600	600	700
Tensile strength of sheet metal (N/mm ²)	<450	<450	<450	<450	<450
Shear Angle (Deg)	7	8	8	8	8
Stroke of Ram (mm)	80	80	80	80	100
Stroke times (min)	8	8	8	8	8
Depth of throat (mm)	300	355	400	600	560
Max. Capacities (mm)	25 x 16	30 x 20	35 x 25	38 x 26	35 x 40
Main motor (KW)	4	5.5	7.5	11	11
Length of machine tool (mm)	1640	1860	2355	2680	2800
Width of machine tool (mm)	730	790	960	1040	1260
Height of machine tool (mm)	1770	1900	2090	2300	2420
Weight of machine tool (kg) Approx	1710	2200	3800	6200	8000

PUNCHING METRIC (mm)

Max. Capacities	25 x 16	30 x 20	35 x 25	38 x 26	35 x 40
Max. Stroke Length	80	80	80	80	100
Throat Depth Standard	305	355	400	600	560
Working Height	1030	1084	1142	1209	1300
Largest Hole (Optional)	160	160	160	160	160

SHEARING

Flat Bar	250 x 16	330 x 20	330 x 25	355 x 30	400 x 35
Alternative	400 x 8	480 x 10	600 x 16	600 x 20	700 x 20
Blade Length	380	485	620	610	710
Working Height	890	894	851	897	930
Angle Flange Trim	100 x 10	100 x 13	100 x 14	100 x 16	100 x 18

ANGLE CUTTING

At 90°cut	125 x 12	140 x 14	160 x 14	180 x 16	200 x 18
At 45°Mitre	70 x 10	70 x 10	70 x 10	70 x 10	80 x 10
Working Height	1130	1139	1200	1220	1220

SECTION CUTTING

Round / Square Bar	45/40	50/45	60/50	65/55	70/65
Channel / I Bar	125 x 65	160 x 88	200 x 100	280 x 122	300 x 89
T Bar	90 x 12	90 x 12	90 x 12	90 x 12	90 x 12

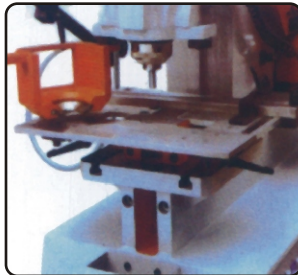
NOTCHING

Material Thickness	10	10	14	16	18
Width	57	57	57	57	57
Depth: Vee-Rect.	60-90	60-90	60-90	60-90	60-90
Working Height	890	883	886	898	898
Angel Flange	100 x 10	100 x 13	100 x 14	100 x 16	100 x 18

ACCESSORIES OF IRON WORKER

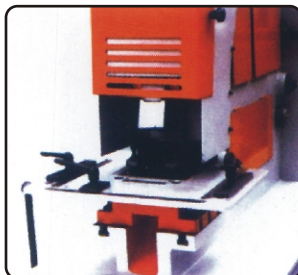


Cabinet-open power off and 24V safety voltage offer overall protection to the electric elements and working labors.



Punching Position

There is a large visible window shelf on the top of the punching table, after turning on it, above and below dies can be changed quickly.



Shear and Notch Position

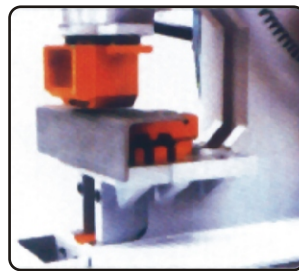
Special design can excellently cut right-angle, bevel and notch on the angle steel, profiled steel and plates. There is a large visible window with scale and stop gauge.



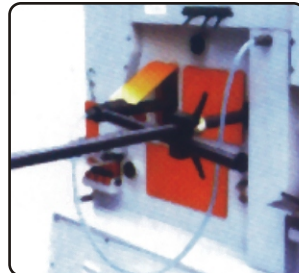
All kinds of punches and dies can satisfy client's processing requirements.



Machines are equipped with automatic temperature controlling system, monitoring and controlling the temperature of hydraulic oil in a very stable status meanwhile protect the tightness of the seals, high-rise the producing effectiveness.



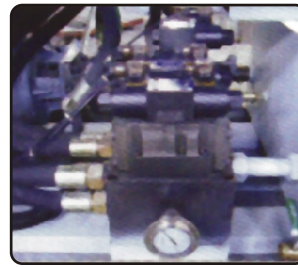
There are all kinds of punching dies to be exchanged thus, it can make all kinds of holes on angle steel, profiled steel and plates.



Automatic stop gauge can be adjusted in accordance with the shearing length, thus, it can control efficient shearing length automatically.



Multi Vee bending dies can exchange with the Vee dies below.



Machines adopt high-qualified hydraulic valve groups to ensure the strength and credibility.



The design adopts automatic holing system for quicker plate shearing, greatly improving the time effectiveness.



As regard square cutter, there are several holes to match for different size, adjustable holder can make compaction shearing easy for all kinds of square steel, moreover, different blades can be used for cutting.



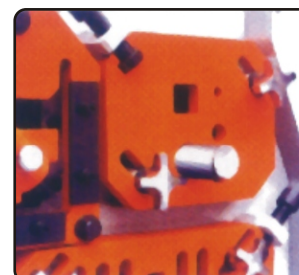
Shutter punching.



High quality motor and universal inner filter can ensure easy maintenance and replacing.



The design installs humanized and high-efficiency automatic holding system, saving the working labors and rising the producing efficiency.



As regard round cutter, there are many holes to match for different size, adjustable holder can make compaction shearing easy, moreover, different blades can be used for cutting.



It can cut all kinds of angle steel, square steel, round steel, flat bar, profiled steel and punch all kinds of holes.

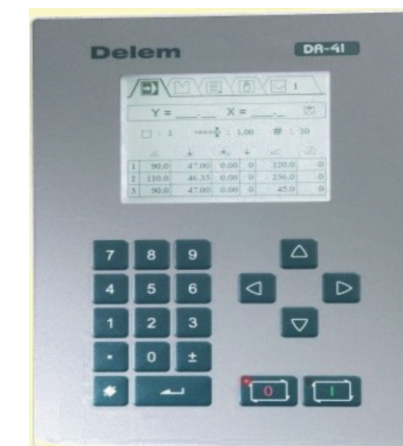
DIGITAL DISPLAY UNIT

E-200-S

- LCD Display. 240*128
- Multiple working steps programmed at one time and executed automatically, continuous positioning.
- Automatic retraction to avoid possible impacts between work piece back gauge
- One side positioning, Screw gap is eliminated
- Inch/ mm selection
- Position compensation
- Power down position memorization
- Stock counter
- Automatic Searching for reference points & power down positioning memorization are for customer's choice



DA-41



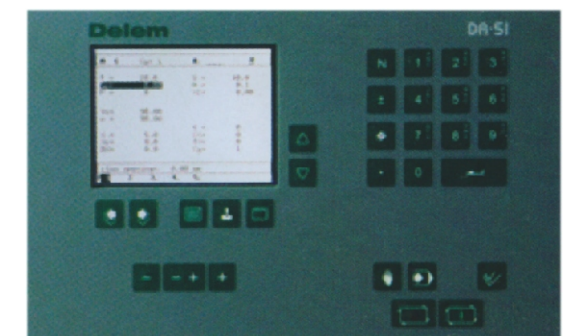
Features :

- Bright LCD display, 4.7" monochrome
- Stop position control of the Slide
- Back Gauge Control
- Angle programming
- Tool parameters setup
- Retraction Control
- 100 programs in memory
- Up to 25 working steps programmable in each program
- Panel based housing
- Servo control
- 2-speed AC control as well as unipolar control

DA-51

Features :

- Programming in one page
- R/z Or X axis as options
- Crowning Control
- Panel based housing
- Large memory space
- Tool library
- Servo, frequency inverter or AC motor control



E-10

- Two rows of 6 characters , 7 segments LED display
- Back gauge position display, resolution in 0.1 mm or 0.01 mm
- Spindle allowance offset
- Stroke counter
- Internal time relay
- Inch/mm selection
- Integral factor programmable freely





HYDRAULIC GUILLOTINE SHEARING MACHINE

- The frame and blade's holder are both welded construction, vibration to eliminate stress due to inner toce [through heat vibration] with good precision.
- Adopting rolling guiding way with three point support, cutting precision could be maintained well with good cutting quality.
- The gap between top and bottom blades could be adjusted by handwheel easily and promptly.
- Rectangular blade has four edges to use to elong services life. The cutting angle could be adjusted to relief the deflection of working piece.
- The top blades holder adopts inner slanting construction to ease unloading working piece to promote the quality of working piece. The stroke of top blade could be adjusted stepless.



PARAMETER SPECIFICATION	SHEARING THICKNESS mm	SHEARING WIDTH mm	STROKES mm ⁻¹	BACK GAUGE RANGE mm	SHEARING ANGLE (°)	THROAT HEIGHT mm	MAIN POWER kW
GS – 6x2500	6	2500	16 ~ 35	20 – 500	30' ~ 1°30	800	7.5
GS – 6x3200	6	3200	14 ~ 35	20 – 500	30' ~ 1°30	800	7.5
GS – 6x4000	6	4000	10 ~ 30	20 – 500	30' ~ 1°30	800	7.5
GS – 6x5000	6	5000	10 ~ 30	20 – 600	30' ~ 1°30	900	11
GS – 6x6000	6	6000	8 ~ 25	20 – 600	30' ~ 1°30	1000	11
GS – 8x2500	8	2500	14 ~ 30	20 – 600	30' ~ 2°	800	11
GS – 8x3200	8	3200	12 ~ 30	20 – 600	30' ~ 2°	850	11
GS – 8x4000	8	4000	10 ~ 25	20 – 600	30' ~ 2°	900	11
GS – 8x5000	8	5000	10 ~ 25	20 – 600	30' ~ 2°	1000	15
GS – 8x6000	8	6000	8 ~ 20	20 – 600	30' ~ 2°	1050	15
GS – 12x2500	12	2500	12 ~ 25	20 – 600	30' ~ 2°	840	15
GS – 12x3200	12	3200	12 ~ 25	20 – 600	30' ~ 2°	900	15
GS – 12x4000	12	4000	8 ~ 20	20 – 600	30' ~ 2°	940	15
GS – 12x5000	12	5000	8 ~ 20	20 – 800	30' ~ 2°	1000	22
GS – 12x6000	12	6000	6 ~ 20	20 – 800	30' ~ 2°	1060	30
GS – 16x2500	16	2500	12 ~ 20	20 – 600	30' ~ 1°30	840	22
GS – 16x3200	16	3200	12 ~ 20	20 – 600	30' ~ 1°30	900	22
GS – 16x4000	16	4000	8 ~ 15	20 – 600	30' ~ 1°30	940	22
GS – 16x5000	16	5000	8 ~ 15	20 – 800	30' ~ 1°30	1000	30
GS – 16x6000	16	6000	6 ~ 15	20 – 800	30' ~ 1°30	1100	37
GS – 20x2500	20	2500	10 ~ 20	20 – 600	30' ~ 3°	900	30
GS – 20x3200	20	3200	10 ~ 20	20 – 600	30' ~ 3°	950	30
GS – 20x4000	20	4000	8 ~ 15	20 – 600	30' ~ 3°	1100	30
GS – 20x5000	20	5000	8 ~ 15	20 – 800	30' ~ 3°	1100	37
GS – 20x6000	20	6000	6 ~ 15	20 – 800	30' ~ 3°	1200	37
GS – 20x8000	20	8000	4 ~ 15	20 – 800	1°30 ~ 2°30	1200	55
GS – 25x2500	25	2500	8 ~ 15	20 – 600	30' ~ 1°30	900	37
GS – 25x3200	25	3200	8 ~ 15	20 – 600	30' ~ 1°30	950	37
GS – 25x4000	25	4000	6 ~ 12	20 – 800	30' ~ 1°30	1100	37
GS – 32x2500	32	2500	6 ~ 12	20 – 800	30' ~ 4°	1000	55
GS – 32x3200	32	3200	8 ~ 12	20 – 800	30' ~ 4°	1100	55
GS – 40x2500	40	2500	4 ~ 10	20 – 800	30' ~ 4°	1200	55
GS – 40x3200	40	3200	4 ~ 10	20 – 800	30' ~ 4°	1200	55

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HYDRAULIC SWING BEAM SHEARING MACHINE



The machine adopts hydraulic driving, the frame adopts steel welded structure which has sufficient rigidity. The Machine is equipped with a power back gauge, on which a manual fine adjusting device & counter are fixed. There is a fast adjusting mechanism for blade clearance, a shadow light device ensuring scribing cutting operation, counter, a sensitive & reliable safety barrier. It can also be equipped with a support conveyor.

TYPE	SHEAR SIZE (TxW) (mm)	SHEAR ANGLE (°)	STROKES time/min	RANGE OF BACK GAUGE mm	MOTOR POWER kW
SB – 4x3200	4x3200	1°30'	18	20 ~ 500	5.5
SB – 6x2500	6x2500	1°30'	18	20 ~ 500	7.5
SB – 6x3200	6x3200	1°30'	14	20 ~ 500	7.5
SB – 6x4000	6x4000	1°30'	14	20 ~ 500	7.5
SB – 6x5000	6x5000	1°30'	10	20 ~ 600	11
SB – 6x6000	6x6000	1°30'	8	20 ~ 600	11
SB – 8x2500	8x2500	1°30'	16	20 ~ 500	11
SB – 8x3200	8x3200	1°30'	12	20 ~ 500	11
SB – 8x4000	8x4000	1°30'	10	20 ~ 500	11
SB – 8x5000	8x5000	1°30'	8	20 ~ 500	15
SB – 8x6000	8x6000	1°30'	7	20 ~ 500	15
SB – 10x2500	10x2500	1°30'	14	20 ~ 600	15
SB – 10x3200	10x3200	1°30'	12	20 ~ 600	15
SB – 10x4000	10x4000	1°30'	12	20 ~ 600	15
SB – 12x2500	12x2500	1°30'	16	20 ~ 600	18.5
SB – 12x3200	12x3200	1°30'	14	20 ~ 600	18.5
SB – 12x4000	12x4000	1°30'	14	20 ~ 600	18.5
SB – 12x5000	12x5000	1°30'	7	20 ~ 600	22
SB – 12x6000	12x6000	1°30'	6	20 ~ 600	22
SB – 12x8000	12x8000	1°30'	5	20 ~ 600	22
SB – 16x2500	16x2500	2°	14	20 ~ 600	22
SB – 16x3200	16x3200	2°	12	20 ~ 600	22
SB – 16x4000	16x4000	2°	8	20 ~ 600	22
SB – 20x2500	20x2500	2°30'	5	20 ~ 600	30
SB – 20x3200	20x3200	2°30'	5	20 ~ 600	30
SB – 20x4000	20x4000	2°30'	5	20 ~ 600	30
SB – 25x2500	25x2500	2°30'	6	20 ~ 600	37
SB – 25x3200	25x3200	2°30'	6	20 ~ 600	37
SB – 25x4000	25x4000	2°30'	6	20 ~ 600	37
SB – 32x2500	32x2500	3°	5	20 ~ 600	37
SB – 32x3200	32x3200	3°	5	20 ~ 600	37
SB – 40x2500	40x2500	3°	5	20 ~ 600	45
SB – 40x3200	40x3200	3°	5	20 ~ 600	45
SB – 50x3000	50x3000	3°	5	20 ~ 600	90x3
SB – 50x6000	50x6000	3°	5	20 ~ 600	90x5
SB – 65x3500	60x3500	3°30'	5	20 ~ 600	90x4

Description and specifications given in this catalogue are subject to modification without notice.



CS SERIES C-FRAME FIXED TABLE PRESS



Main Structure Features :

- Steel-welded frame, high rigidity and less deformation.
- Six-side long rectangle guides of the slide with high moving precision and high accuracy, extending the service life of the die.
- Pneumatic dry combination friction clutch-brake, low noise, and long service life, to ensure reliable safety and flexible action.
- Hydraulic overload protection device achieving high sensitivity in effectively protecting against overload, to ensure convenient and reliable operation.

Specifications

ITEMS	TECHNICAL	MODEL	CS-25		CS-45		CS-60		CS-80		CS-110		CS-125		CS-160		CS-200		CS-250		CS-315		CS-315A		CS-400		CS-400A		CS-500		
	DATA		L	S	L	S	L	S	L	S	L	S	L	B	L	B	L	B	L	S	L	S	L	S	L	S	L	S	L	S	L
Nominal Pressure		kN	250		450		600		800		1100		1250		1600		2000		2500		3150		3150		4000		4000		5000		
Nominal Pressure Stroke		mm	2.8		3.2		4		4.5		5		5		6		6		7		8		8		8		8		8		
Stroke of Slide		mm	80	50	100	70	120	80	140	90	160	100	160	100	180	110	200	130	220	150	250	180	250	180	250	180	250	180	250	180	250
Strokes		Variable	S.P.M.	70-100	80-130	60-90	70-110	50-80	60-100	40-75	50-90	35-70	45-80	35-65	45-80	30-55	35-70	25-50	30-60	25-45	30-50	25~40	25~40	25~35	25~35	25~35	25~35	25~35	20~30		
		Single	S.P.M.	90	110	80	100	70	90	60	80	60	80	55	70	50	60	45	50	40	45	35	35	30	30	30	30	30	25		
Max. Die Set Height		mm	250	265	270	285	300	320	320	345	350	380	370	400	400	435	450	485	500	535	500	585	500	535	500	585	500	535	550		
Die Height Adjustment		mm	50		60		70		80		90		90		100		110		110		120		120		120		120		120		
Depth of Throat		mm	210		225		270		290		350		370		390		430		450		480		420		480		420		420		
Distance between Uprights		mm	450		500		560		590		680		710		800		900		950		1050		1000		1050		1000		1220		
Size o f Table		L-R	mm	710		810		870		1000		1100		1120		1260		1400		1590		1700		1650		1850		1800		1820	
		F-B	mm	400		440		520		560		680		720		760		840		880		940		820		940		820		810	
		Thickness	mm	85		110		130		130		160		160		165		200		200		200		200		200		200		240	
Size o f Opening in Table		Diameter	mm	100		150		150		150		160		160		180		200		250		250		250		250		250		250	
Bottom Size of Slide		L-R	mm	360		410		480		560		620		620		700		880		930		1000		950		1000		950		1000	
		F-B	mm	250		340		400		430		520		520		580		650		700		720		700		720		700		720	
Hole for Punch Shank		Diameter	mm	40		0		50		60		70		70		70		70		70		70		70		70		70		70	
		Depth	mm	60		60		60		80		80		80		100		100		100		100		100		100		100		100	
Single Speed Motor Power		kW	3		5.5		5.5		7.5		11		11		15		15		20		30		30		37		37		55		
Variable Motor Power		kW	3		5.5		7.5		7.5		11		15		15		22		30		37		37		37		37		55		
Overall Dimensions		F-B	mm	1350		1410		1615		1915		2200		2300		2355		2690		2830		3400		3350		3500		3450		3900	
		L-R	mm	950		1080		1200		1385		1419		1480		1515		1630		1750		1950		1900		2200		2150		2250	
		Height	mm	2160		2300		2570		2820		3190		3220		3250		3810		3930		4180		4100		4500		4450		5255	
Total Weight		kg	3100		4000		6000		7800		11000		13000		14200		21000		25000		33500		30000		39000		36000		53000		

- Automatic grease lubrication system, to ensure smooth operation of the machine.
- PLC electrical control system allows various auto-equipment reprogrammed according to different requirements and perform various functions, to ensure high reliability and high adaptability.
- Emergent stop, inching, single and continuous movement.
- Photoelectric protector, transmission output axle, feeder, air cushion and other optional accessories are available for the power press subject to the user's demands.



3 IN 1 PRECISION NC SERVO STRAIGHTENER FEEDER & UNCOILER

Standard Accessory

- Electrical eye loop control system
- Straightener opener device
- Feeding line adjust easily by advance worm gear screw jacks device
- Feed & straightener rolls [hard chrome finished]
- Hold down arm device
- Transformer
- PLC control feeding programe



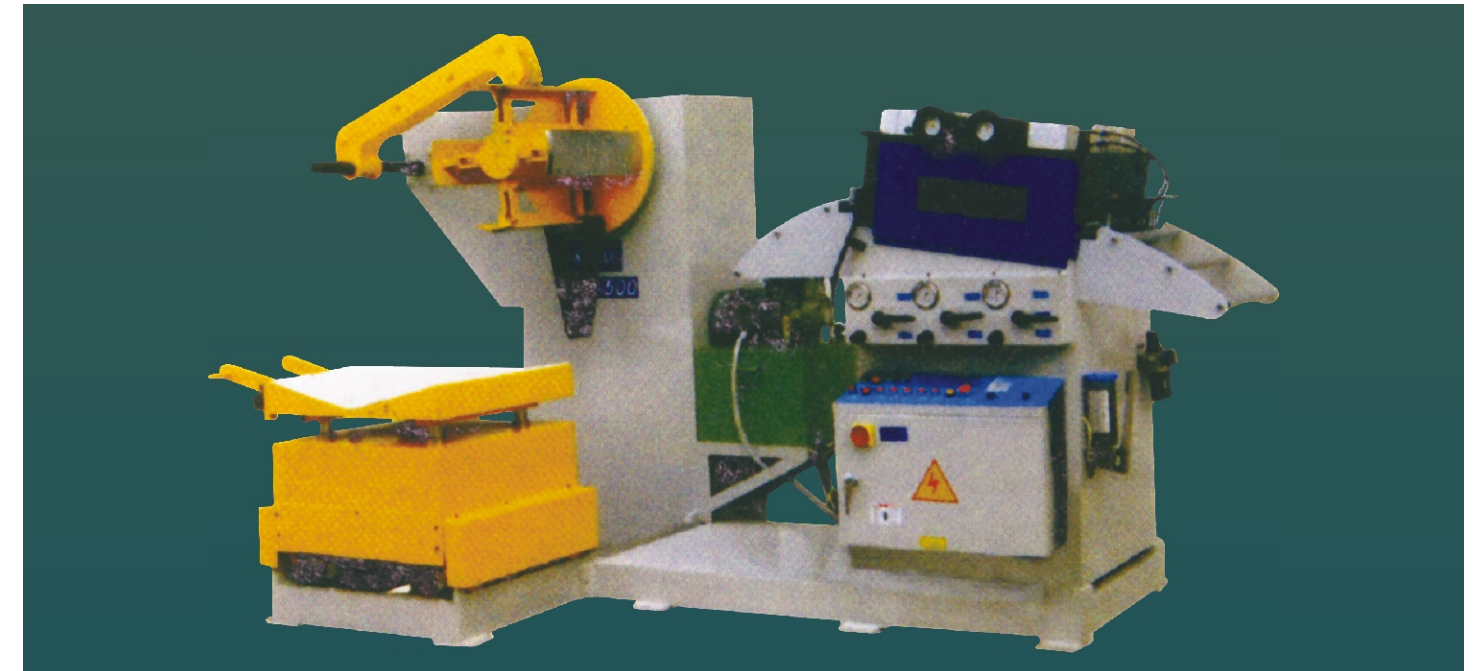
Machine Specification

LIST	NC3S-1-300	NC3S-1-400	NC3S-1-500	NC3S-1-600	NC3S-2-300	NC3S-2-400	NC3S-2-500	NC3S-2-600
Width of Material (mm)	75-300	75-400	75-500	75-600	75-300	75-400	75-500	75-600
Thickness of Material (mm)	0.3-2.3	0.3-2.3	0.3-2.3	0.3-2.3	0.4-3.2	0.4-3.2	0.4-3.2	0.4-3.2
Max Coil weight (kg)	3000	3000	3000	3000	2000	2000	3000	3000
Coil I.D. (mm)	508	508	508	508	508	508	508	508
Max Coil O.D (mm)	1200	1200	1200	1200	1200	1200	1200	1200
Max Speed (m/Min)	16	16	16	16	16	16	16	16
Feed Pitch Accuracy (mm)	±0.15	0.15±	±0.15	0.15±	±0.15	0.15±	±0.15	0.15±
Feed Roll	Upper one/lower one				Upper one / lower one			
Work Roll	Upper five/ lower four				Upper four / lower three			
Power Supply	220 VAC 60 Hz				220 VAC 60 Hz			
Air power Supply	5 Kg/ cm ²				5 Kg/ cm ²			
Uncoiler Expansion	Hydraulic				Hydraulic			
Servo Motor (kw)	AC 3.5	AC 3.5	AC 3.5	AC 3.5	AC 2.9	AC 2.9	AC 4.4	AC 4.4
Uncoiler motor (kw)	1.5 KW	1.5 KW	2.2 KW	2.2 KW	1.5 KW	1.5 KW	2.2 KW	2.2 KW

2 IN 1 PRECISION UNCOILER & STRAIGHTNER

Features :

- The uncoiler & straightner combination can be matched to any feeding machine & save space
- Equipped with electric loop hydraulic & pneumatic control system & high performance
- Open straightner design which is good for cleaning rolls & maintenance.
- Equipped with coil car which makes it convenient to load the coil to decoiler .



Machine Specification

MODE	SP2S-300A	SP2S-300B	SP2S-400A	SP2S-400B	SP2S-500	SP2S-500B	SP2S-600A	SP2S-600B	SP2S-700B	SP2S-800B
Max. material width (mm)	300	300	400	400	500	500	600	600	700	800
Max. material thickness (mm)	0.3-2.0	0.4-3.0	0.3-2.0	0.4-3.0	0.4-2.0	0.4-3.0	0.3-2.0	0.4-3.0	0.4-3.0	0.4-3.0
Load (Kg)	2000	2000	2000	2000	2000	2000	3000	3000	3000	3000
Coil I. Dia (mm)	508	508	508	508	508	508	508	508	508	508
Coil O. Dia (mm)	1200	1200	1200	1200	1200	1200	1500	1500	1500	1500
Speed (m/Min)	20	20	20	20	20	20	20	20	20	20
Straighten rolls	ø 48x11	ø 60x9	ø 48x11	ø 60x9	ø 48x11	ø 60x9	ø 48x11	ø 60x9	ø 60x9	ø 60x9
Up & down rolls driven										
Inverse curve control roll					1 up 1					
Guide rolls					ø78					
Roll driven					All driven					
Straighten power	3HP 3 ø 380 V				5HP 3 ø 380 V				7.5HP 3 ø 380 V	
Expansion method					HYDRAULIC					
Uncoil method					Motorize					
Uncoil sensor					Photo electric sensor					
Uncoil power	2HP				3 HP					
Coil car					Standard					



HEAVY STRAIGHTNER



Features :

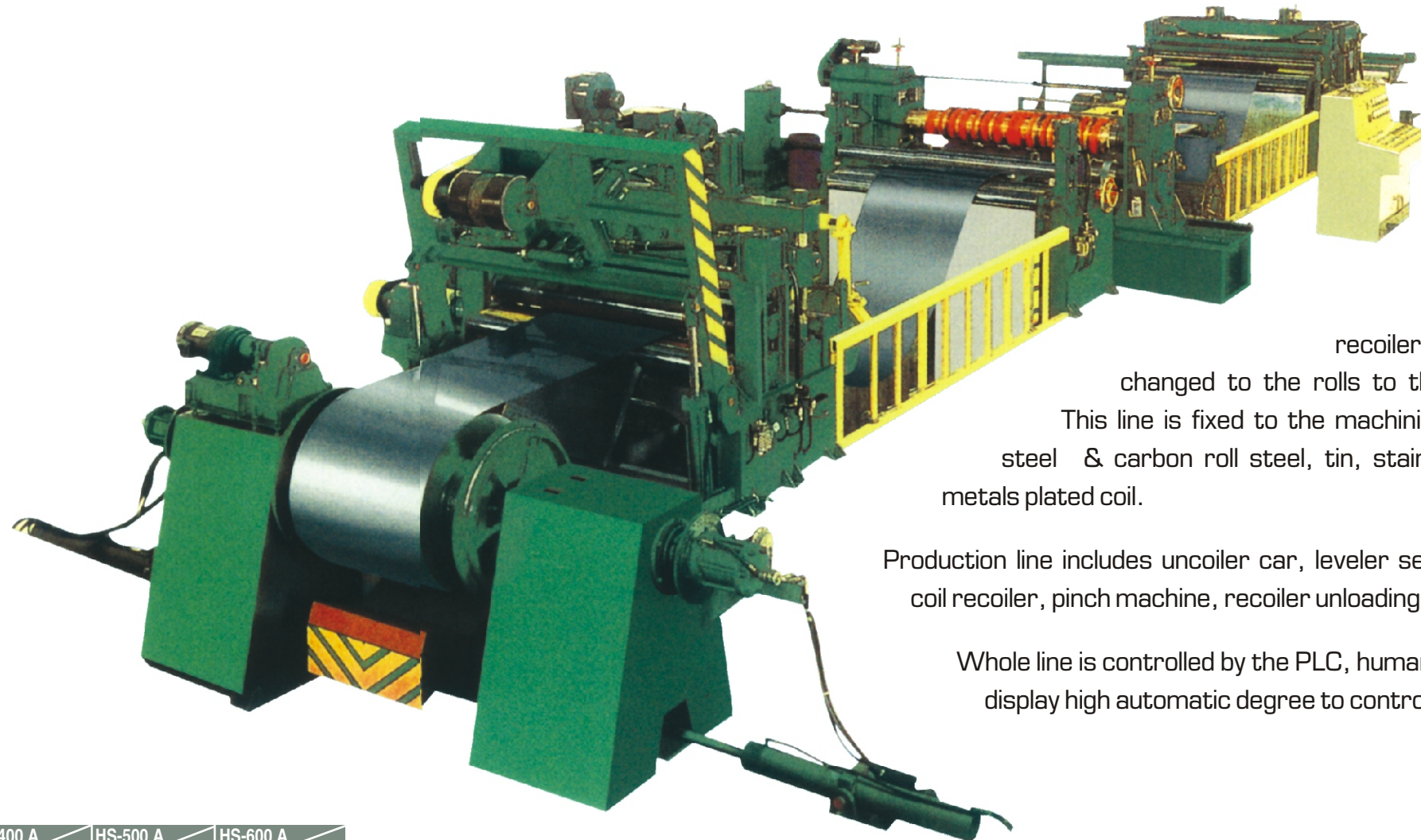
- Suitable for straighten different metal sheets.
- Equipped with Japan magnetic contactor & electronic component, minimum breakdown
- Efficient automatic material feeding equipment dramatic increase in productivity is achieved by lane up with auto reel, double head coil cradle [MTD-type]
- Hard chrome plated roller.

Specifications

TYPE	HS-200 A	HS-300 A HS-300 B	HS-400 A HS-400 B	HS-500 A HS-500 B	HS-600 A HS-600 B
Width Max	200	300	400	500	500
Material Thickness	1.0-4.5	1.0-4.5 1.0-6.0	1.0-4.5 1.0-6.0	1.0-4.5 1.0-6.0	1.0-4.5 1.0-6.0
Speed of Feed	15	15	15	15	15
Motor Machine	3	5	5	7.5	7.5
AxBxB (m)	2.1X0.7X1.6	2.1X0.8X1.6	2.1X0.9X1.6	2.1X1.1X1.6	2.1X1.1X1.6

STRAIGHTER DETAILS	MATERIAL WIDTH								
		200	300	400	500	600	700	800	1000
Material Thickness	1.0								
	2.5				500	600	700	800	1000
	3.2		300	400					
	4.0	200				500	550	600	700
	4.5				400	400	400	420	450
	5.0		250	300	300	300	300	350	400
	6.0	180	180	200	200	200	200	200	300

SLITTING LINE



This Production line is used to let the steel coil to uncoiler section, then shear section &

recoiler section. The coil is changed to the rolls to the required length.

This line is fixed to the machining fixed carbon roll steel & carbon roll steel, tin, stainless steel & many metals plated coil.

Production line includes uncoiler car, leveler section shear, waste coil recoiler, pinch machine, recoiler unloading set etc.

Whole line is controlled by the PLC, human & machine screen display high automatic degree to control with ease.

Technical Data

TYPE	COIL THICKNESS(MM)	COIL WIDTH (MM)	NO. OF SLITTING	TOLERANCE (MM)	SPEED (M/MIN)	WEIGHT OF ROLL (TON)
SPM -0.5x1300	0.15-0.5	500-1300	20	±0.05	50-120	15
SPM-1.5x1300	0.25-1.5	500-1300	30~8	±0.05	50-120	15
SPM-2x1300	0.25-2	500-1300	30~12	±0.05	50-160	15
SPM-2x2000	0.25-2	900-2000	30~10	±0.05	50-160	20
SPM-2x550	0.25-2	100-550	30~6	±0.05	50-120	5
SPM-2x850	0.25-2	100-850	30~6	±0.05	50-120	5
SPM-3x1300	0.25-3	1300	30~12	±0.1	50-120	15
SPM-4x1600	0.5-4	1600	30~6	±0.1	30-100	20
SPM-6x1600	0.6-6	1600	20~6	±0.1	30-100	15
SPM-10x2200	2-8	900-2200	10~3	±0.2	0-30	30
SPM-10x2200	3-10	1000-2200	10~5	±0.1	0-25	30
SPM-12x2200	3-12	1000-2200	1~5	±0.1	0-20	20



CUT TO LENGTH LINE

Cut to length line can do uncoiling, straightening, measuring, cross cutting to length & stacking work. It mainly includes uncoiler, straightener, measuring, shearer, conveyor, stacker, hydraulic system, pneumatic system & electrical system etc. The line can make sure of accurate measuring & shearing. It can be widely used in the hot & cold rolls, carbon steel roll & all other kinds of metal materials with surface coating.

Cut to length line has a PLC program to control the length measurement. The information of length, shearing numbers & speed can be input to HMI [human machine interface] touch screen. When the required shearing no. is reached the line stops automatically. The line speed can be adjusted. It has measuring with high precision, & whole line can work automatically & operate easily. Thus smooth sheets can be made.

Technical Specification

	LIGHT GAUGE		HEAVY GAUGE	
	LOW SPEED	HIGHSPEED	LOW SPEED	HIGH SPEED
Item/unit	Range	Range	Range	Range
Thickness (mm)	0.3-2	0.3-2	1~6	6~20
	0.5-3	0.5-3	2~8	8~25
	0.5-5	0.5-5	2~10	
Width (mm)			3~12	
			4~18	
	1250	1250	1500	2000
	1500	1500	2000	2200
Load weight (t)	2000	2000	2500	2500
	12	12	15	35
			30	45
Straghtening	1.2	1.2	1.5	<2.5
Precision (mm/m ²)			2.0	3.0 (standard)
Measuring Precision (mm/m)	±1.0	±0.50	±1.0	<±1.5
Line speed (m/min)	25	40	15	0~20
		60		
		100		
Power (kw)	~50	~65	~75	~350
	~65	~95	~85	~450
			~100	

