



DENER MAKİNA SAN. TİC. A.Ş

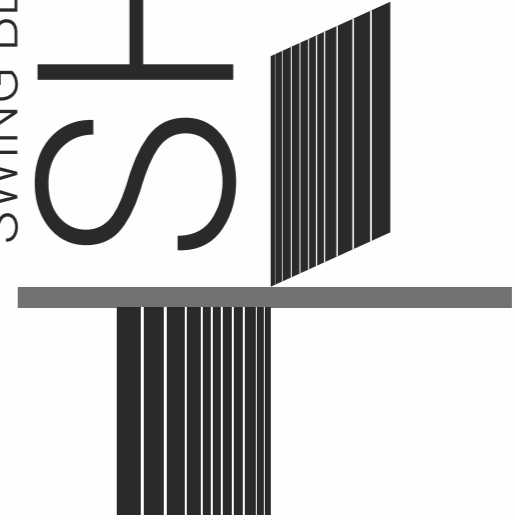
+90 352 321 13 50
+90 352 321 13 53

Semerkent Mahallesi Bölükler
Küme Evler 538 İncesu/KAYSERİ

info@dener.com
www.dener.com

R-2404-EN

SWING BEAM - GUILLOTINE
SHEARING



HYDRAULIC
SHEARING



Dener Makina was established in 1974 in Kayseri Old Industrial Zone. Since 2000, Dener Makine has focused on the production of CNC Sheet Metal Processing Machines and continues its production with a wide range of products including Guillotine Shears, Hydraulic Press Brakes, Ball Screw Press Brakes, Servo Electric Press Brakes, Plasma Cutting Machines and Fiber Laser Cutting Machines.

In 2016, the company made a significant investment by incorporating 155,000 m² factory buildings and 27,000 m² social facilities located on 1,300,000 m² of land owned by TAKSAN A.Ş. In the new period, Taksan Integrated Facilities started the production of CNC Metal Processing Machines such as Double Column Machining Centres, 5 Axis Simultaneous Machining Centres, Vertical Machining Centres, Lathes and Grinding Machines.

Dener Makina, CNC Sheet Metal Processing Machines and CNC Metal Processing Machines, with its wide range of machinery production, half a century of experience, qualified workforce and multinational R&D centre, is the first in the world by offering important investment products to the world industrial enterprises.



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AS SERIES CNC GUILLOTINE SHEAR

Dener CNC Guillotine Shears provide, rock solid mechanics, hydraulic, accurate ball screw back gauge, userfriendly CNC Controller high productive shearing machines. Dener Shears are starting from 6 mm up to 20 mm thickness cutting length from 3 mt up to 6 mt as a standard and according to the special demanded higher capacity machines are available.

Dener Guillotine Shears have strong welded steel construction suitable for long operation time. The design of the frame, cutting beam and back gauge to ensure highest rigidity and resistance to torsions and deformations. With the strong design customers can get maximum cutting quality.

With Easy to use CNC controller operator enters the thickness and the type of the material and controller automatically adjust the cutting angle and blade gap.



AS SERIES
CNC GUILLOTINE SHEAR

CNC GUILLOTINE SHEAR

**Optimal Solution
For Shearing.**



STANDARD EQUIPMENT

ESA S 630 CONTROLLER

- 10" LCD Touch Screen
- Back gauge control
- Blade gap control
- Cutting angle control
- Cutting length adjustment
- Programmable up to 100 steps
- Positioning correction
- Step repetition
- Inch/mm selection
- 2 USB (2.0) ports.
- 128 MB silicon disk.



FOOT PEDAL

Remote Foot Control Pedal with Emergency Stop Button

FRONT ARMS

Table Equipped With Sheet Slider Balls Operations
Square Arm With Rear Supporting Nail in T-Slot Front
Support Arms With T-Slots

STANDARD EQUIPMENTS



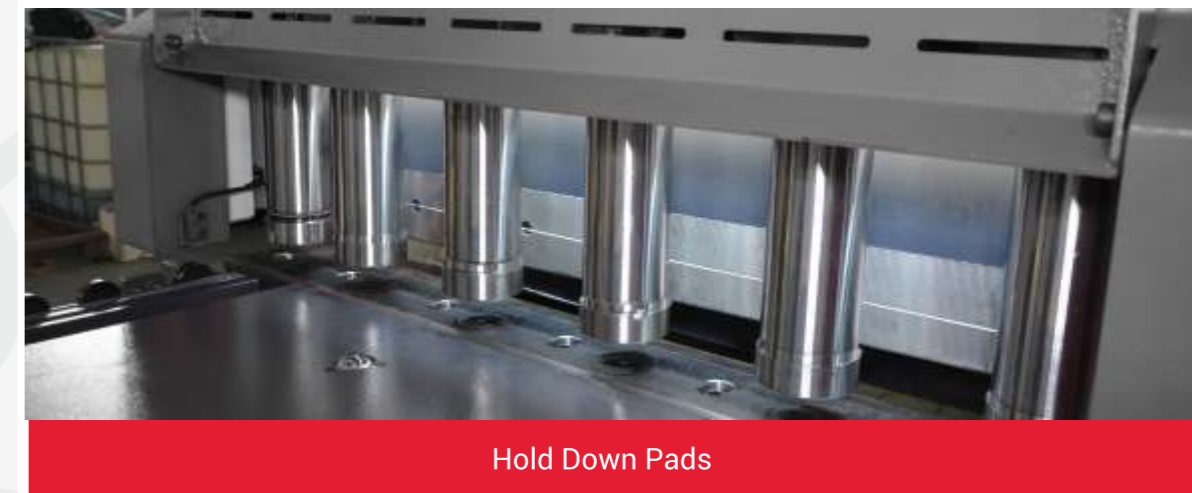
Sheet Slider



Motorized Back Gauge has $\pm 0,1$ mm Accuracy



Front Protection Frame



Hold Down Pads

AS SERIES

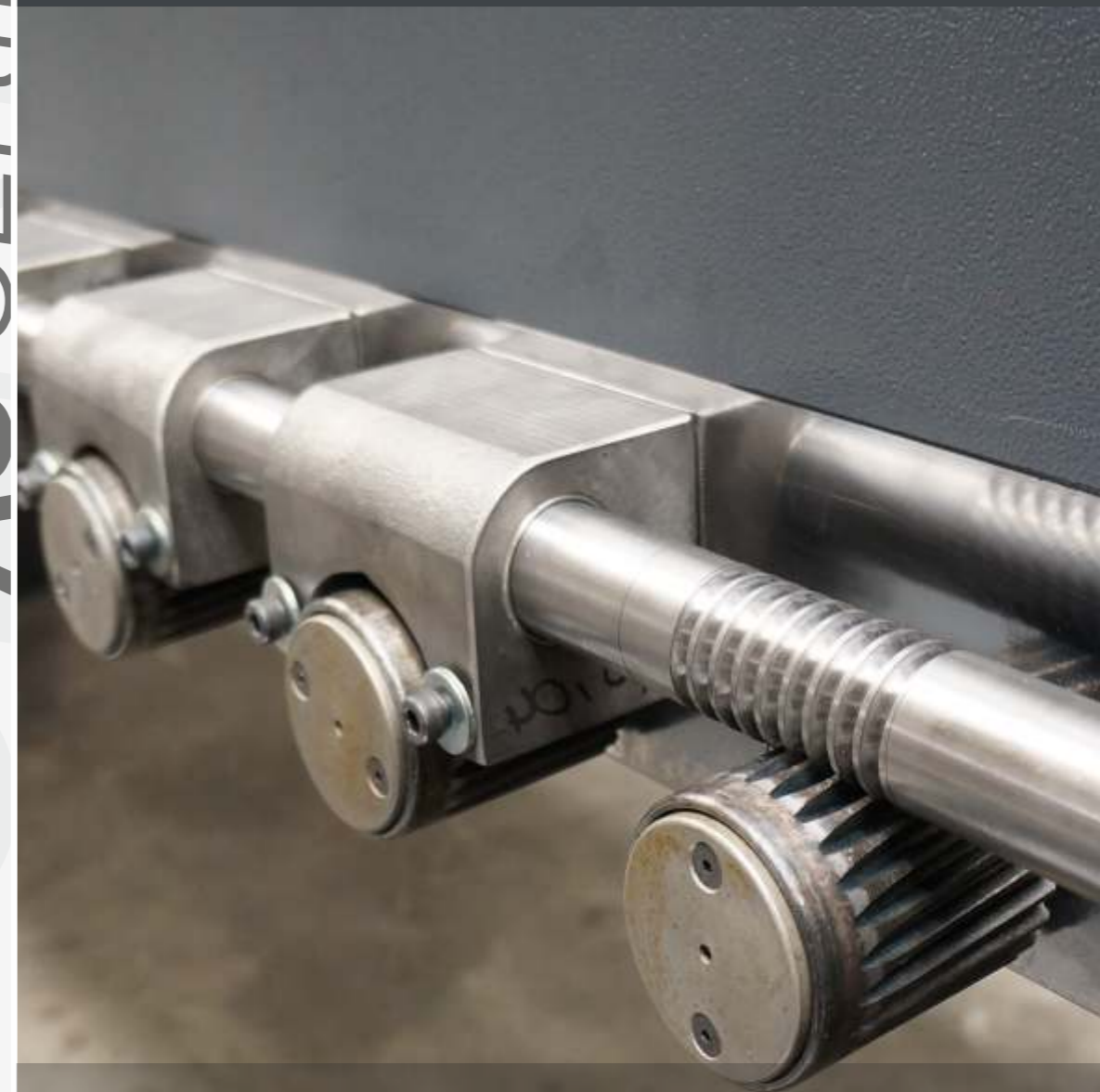


Excellent cutting quality from 6 mm up to 20 mm with powerful monoblock body



BLADE PADS SYSTEM

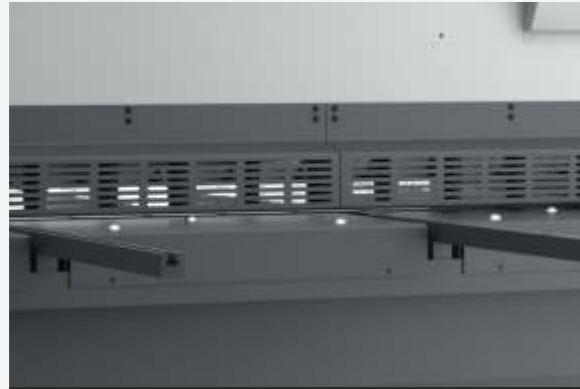
The Blade Pads System ensures linearity and accuracy in any condition, for the best cutting quality.



ADVANTAGES

- High stiffness frame
- Straight cutting quality
- New design body structure and working system
- Less maintenance
- Faster working system

AS SERIES OPTIONAL EQUIPMENTS



Longer Front Support Arms 2m /3m



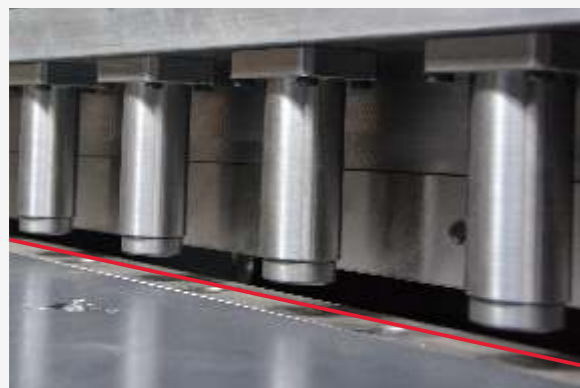
Spare Blade



Hydraulic Oil Cooler System



Pneumatic Sheet Support System

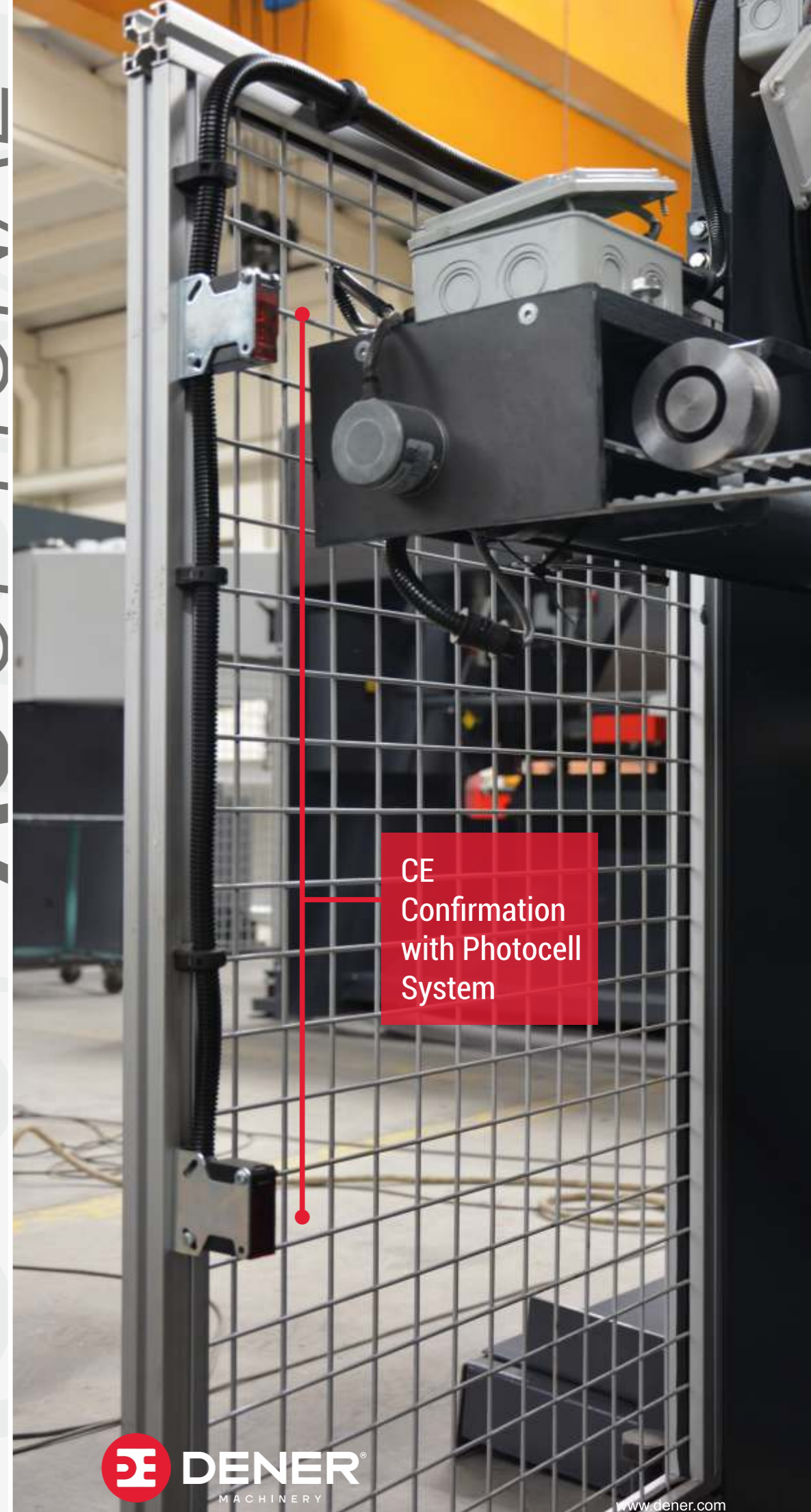


Laser Cutting Line



Light Curtain

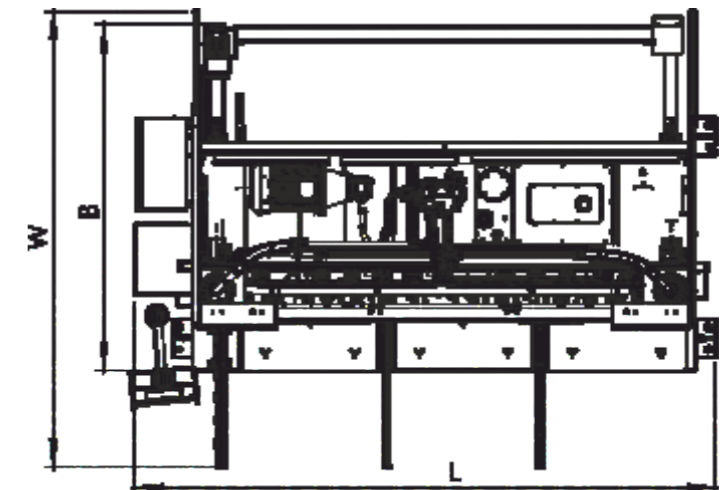
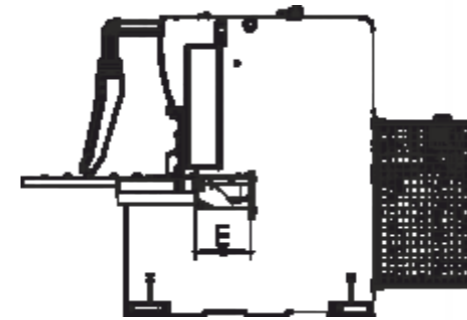
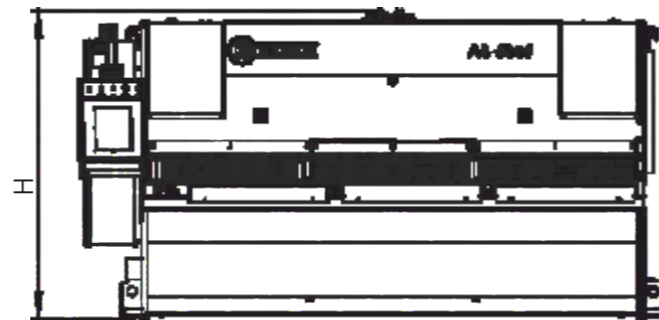
AS OPTIONAL



CE
Confirmation
with Photocell
System

AS SERIES CNC GUILLOTINE SHEAR

		AS 3006	AS 3016	AS 3013	AS 3016	AS 3020	AS 4006	AS 4013	AS 4020	AS 6006	AS 6013	AS 6016
Cutting Length	(mm)	3035	3040	3040	3060	3060	4065	4065	4065	6125	6125	6160
Cutting Capacity (Mild Steel)	(mm)	6	10	13	16	20	6	13	20	6	13	16
Cutting Angle	degree	0,5-3	0,5-3	0,5-3	0,5-3	0,5-3	0,5-3	0,5-3	0,5-3	0,5-2,5	0,5-2,5	0,5-2,5
Hold Down Pad Number	pcs	15	17	16	16	16	23	21	26	31	31	31
Main Motor	kW	11	22	30	30	37	11	30	37	11	30	45
Cutting Pcs (0,5 - 3°)	cuts/min.	29-12	20-11	17-8	13-6	12-5	23-9	13-6	12-5	14-6	11-5	10-5
Oil Tank	lt	200	300	400	600	750	200	400	750	475	400	750
Length	L (mm)	3775	3850	3850	3870	3910	4830	4850	4950	6910	7090	7200
Throat Depth	E (mm)	350	350	350	350	350	350	350	350	350	350	350
Width Without Ruler	B (mm)	2300	2320	2350	2340	2370	2300	2350	2400	2200	2400	2550
Width	W (mm)	2955	2960	3270	3315	3395	2955	3160	3390	3610	3185	3700
Height	H (mm)	2260	2160	2260	2280	2640	2130	2360	2570	2780	2665	2780
Weight	Kg	8800	10700	13500	15800	20000	11500	18500	25000	27500	35500	49500



SPECIAL PROJECT

DENER AS-8016 SHEAR



BS SERIES SWING BEAM SHEAR

Easy, accurate, rock solid welded steel construction proven design that thousands of customers across the world have come to rely on.

Dener Swing Beam Shears are starting from 6 mm up to 20 mm thickness and cutting length from 2 m up to 6 m as a standard and according to the special demanded higher capacity machines are available.

Main features of the Swing Beam Shears are; NC controller for Back Gauge, single point manual blade gap adjustment, 1000 mm motorized ball screw back gauge, cutting length adjustment by timer, 1 m flip up front guarding, Sheet support arms and squaring support, sheet slider table and back slider.



BS SERIES

SWING BEAM SHEAR



NC CONTROLLER

The HT 071 is a very compact, simply programmable single axis controller for swing beam shear. This unit has back gauge control, retract, and stroke counter and program memory up to 99 programs with 20 steps. Back gauge axis control is two speed Ac control. Referencing is not necessary controller always remember the last position. The back gauge can be moved manually by selecting push buttons in 2 different speeds. Total working hours and total cut counter is also standard with controller.

HT 071 FEATURING

- LCD display
- Back gauge control
- Actual position visualization
- Stock counter
- Program memory up to 99 parts
- Programmable up to 20 steps
- User-friendly one-touch programming
- Retract
- Semi automatic and automatic function.
- Stroke limitation



FOOT PEDAL

Remote Foot Control Pedal with Emergency Stop Button

FRONT ARMS

Table Equipped With Sheet Slider Balls Operations Square Arm With Rear Supporting Nail in T-Slot Front Support Arms With T-Slots

STANDARD EQUIPMENTS



Sheet Slider



Motorized Back Gauge has $\pm 0,1$ mm Accuracy



Front Protection Frame



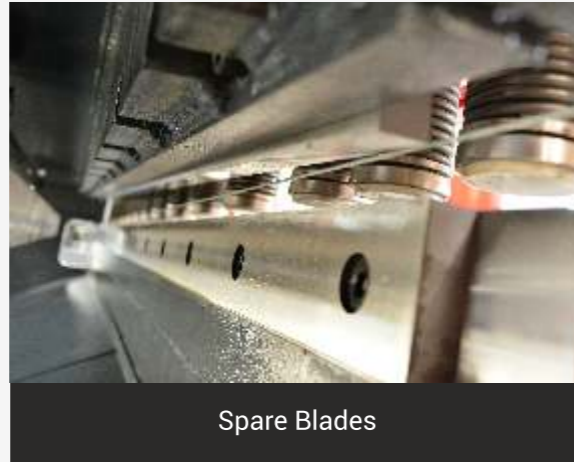
Hold Down Pads



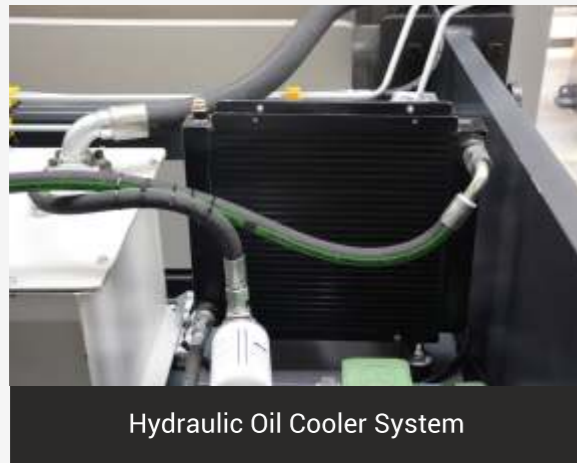
BS SERIES OPTIONAL EQUIPMENT



Longer Front Support Arms 2m /3m



Spare Blades



Hydraulic Oil Cooler System



Pneumatic Sheet Support System



Motorized Blade Gap Adjustment with CNC Controller



Light Curtain

ESA S 530 CONTROLLER

- 7" LCD TFT display
- Back gauge control
- Blade gap control
- Cutting angle control
- Cutting length adjustment
- Programmable up to 100 steps
- Positioning correction
- Step repetition
- Inch/mm selection
- 2 serial port rs232.
- 2 USB (2.0) ports.
- 1 VGA port for external monitor connection
- 1 ethernet port 10/100 Mbit (lan connection)
- 128 MB silicon disk.
- 24Vdc power supply.



CNC Controller for Motorized Blade Gap Adjustment

BS SERIES NC SWING BEAM SHEAR

		BSY	BS	BS	BS	BS	BS	BS	BS
		3006	3010	3013	3016	3020	4006	4010	4013
Cutting Length	(mm)	3080	3120	3120	3120	3120	4160	4160	4160
Cutting Capacity (Mild Steel)	(mm)	6	10	13	16	20	6	10	13
Cutting Angle	degree	1,39	2	2,5	2,5	2,5	1,33	2	2
Hold Down Pad Number	pcs	15	15	15	15	18	19	19	19
Main Motor	kW	11	22	30	30	37	11	22	30
Cutting Pcs	cuts/min.	18	12	12	12	9	14	8	8
Oil Tank	lt	200	200	400	400	475	240	240	400
Length	L (mm)	3840	3850	3850	3875	3950	4890	4910	4930
Throat Depth	E (mm)	150	150	150	150	150	150	150	150
Width Without Ruler	B (mm)	2050	2175	2270	2350	2420	2050	2160	2345
Width	W (mm)	2745	3060	3160	3200	3350	2750	3120	3160
Height	H (mm)	1700	1850	2000	2170	2430	1820	2000	2100
Weight	Kg	8800	12500	14000	16120	22000	8000	10500	16850

