

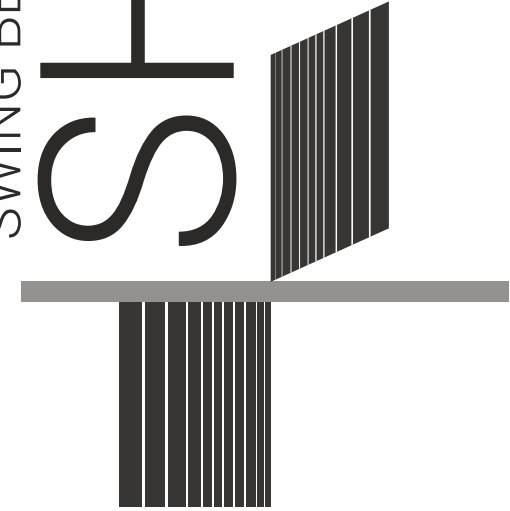


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SWING BEAM - GUILLOTINE SHEARING



ABOUT US

DENER MAKİNA, was established in 1974, in Kayseri / TURKEY. It has been manufacturing sheet metal working machines like Fiber Laser Cutting, Servo Electric Press Brake, Ball Screw Press Brake, Hydraulic Press Brakes, Hybrid Press Brake, NC - CNC Hydraulic Shears and Plasma Cutting machines.

Dener Makina's production facilities are located in the industrial and Freezone Area in Kayseri. Since it's beginning, Dener has had the philosophy of production with the best quality and high technology. It crowns this with the ISO 9001 Quality Management System and following European Safety Standards. Dener Makina is a leading Turkish Brand in Sheet Metal Working Machinery. It has qualified workmanship and a complete machinery manufacturing facility in it's 30.000 m2 closed area. Today, Dener machines are working all around the world.



04	AS SERIES CNC GUILLOTINE SHEAR
06	STANDARD EQUIPMENTS
10	OPTIONAL EQUIPMENTS
12	AS SERIES TECHNICAL SPECIFICATIONS
16	BS SERIES NC SWING BEAM SHEAR
18	STANDARD EQUIPMENTS
20	OPTIONAL EQUIPMENTS
22	BS SERIES TECHNICAL SPECIFICATIONS

INDEX



A

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 starring form 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 angel and blade gap.



CNC GUILLOTINE SHEAR

**Optimal Solution
For Shearing.**



STANDARD EQUIPMENT

ESA S 530 CONTROLLER

- 7" LCD TFT display
- Back gauge control
- Blade gap control
- Cutting angel 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.



Sheet Slider



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



Front Protection Frame



Hold Down Pads



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



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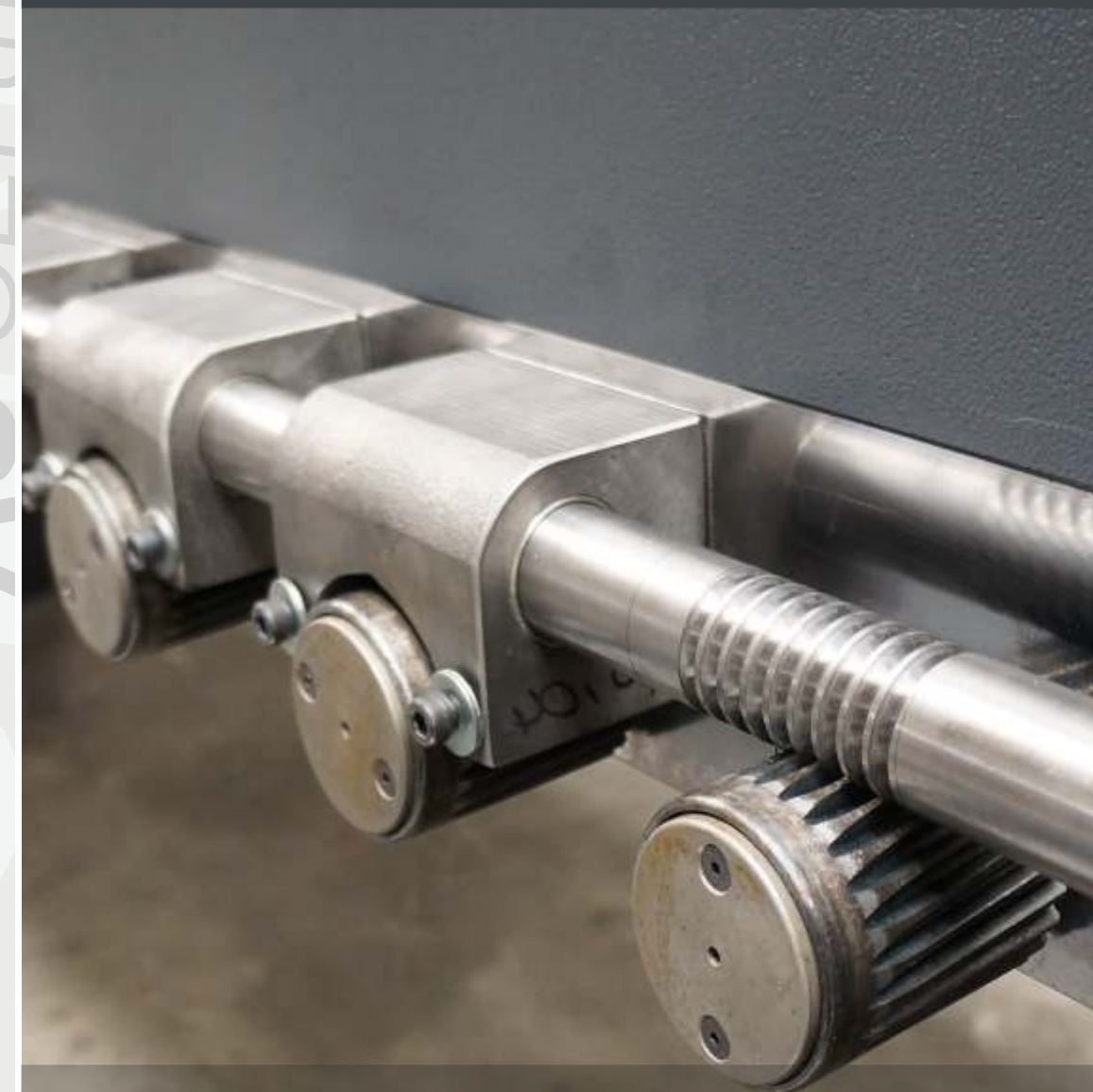


Excellent cutting quality from 6 mm up to 20 mm with powerful monoblock body



BLADE PADS SYSTEM

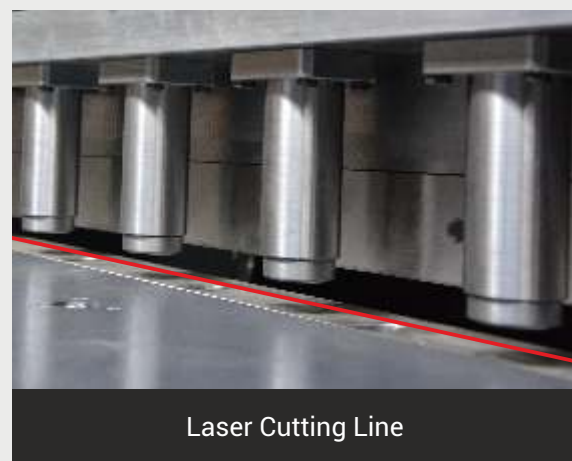
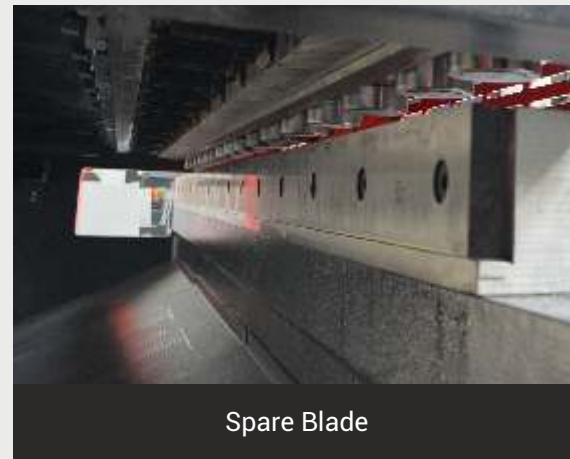
The Blade Pads System ensures linearity and accuracy in any condition, for the best cutting quality.



ADVANTAGES

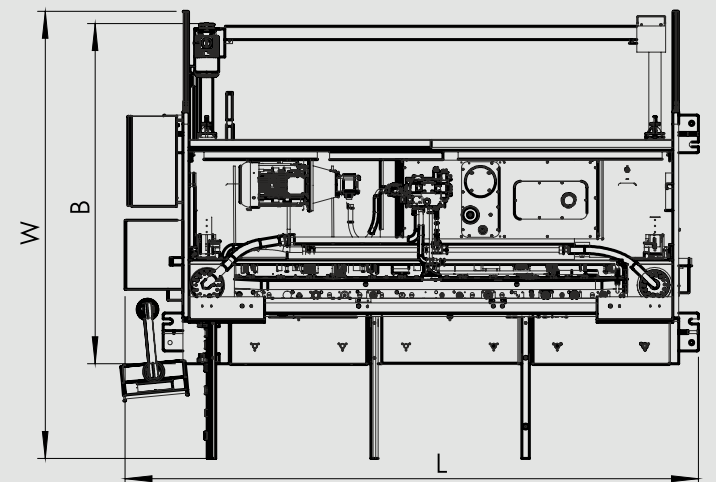
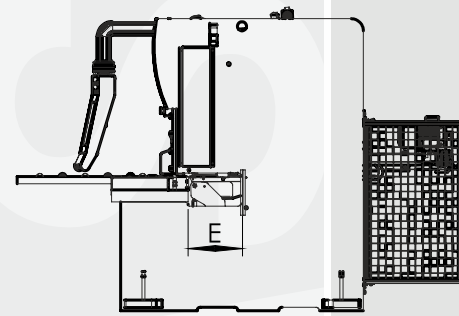
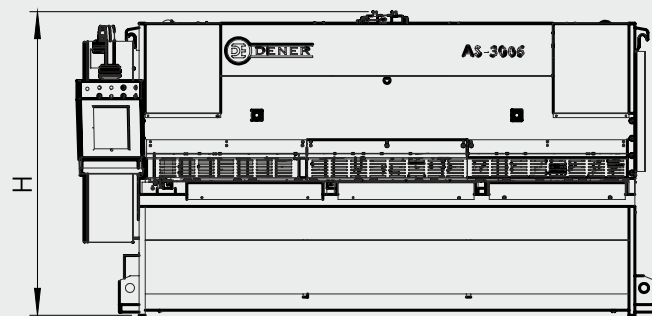
- High stiffness frame
- Straight cutting quality
- New design body structure and working system
- Less maintenance
- Faster working system

AS SERIES OPTIONAL EQUIPMENTS



AS SERIES CNC
GUILLOTINE SHEAR

		AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
		6-3100	10-3100	13-3100	16-3100	20-3100	6 - 4100	10- 4100	13- 4100	16 - 4100	20- 4100	6 - 6100	10 - 6100	13 - 6100	16 - 6100	20 - 6100
Cutting Length	(mm)	3035	3040	3040	3060	3060	4160	4160	4065	4160	4160	6300	6300	6300	6300	6300
Cutting Capacity (Mild Steel)	(mm)	6	10	13	16	20	6	12	13	16	20	6	10	13	16	20
Cutting Angle	degree	0,5-3	0,5-3	0,5-3	0,5-3	0,5-3	0,5-3	0,5-2,5	0,5-3	0,5-2,5	0,5-2,5	0,5-2,5	0,5-2	0,5-2,5	0,5-2,5	0,5-2,5
Hold Down Pad Number	pcs	15	17	16	16	16	23	19	21	26	26	37	37	28	37	37
Main Motor	kW	11	22	30	30	37	11	22	30	30	37	11	22	30	30	37
Cutting Pcs (0,5 - 3°)	cuts/min.	18	17	16	14	12	16	12	12	10	8	14	10	10	8	6
Oil Tank	lt	200	300	400	600	750	200	400	400	400	500	475	500	600	550	550
Length	L (mm)	3775	3850	3850	3870	3910	4830	4860	4850	4930	4950	6910	6930	6960	6985	6985
Throat Depth	E (mm)	360	360	360	360	360	360	360	360	360	360	360	360	150	350	360
Width Without Ruler	B (mm)	2300	2320	2350	2340	2370	2300	2220	2350	2300	2400	2200	2400	2400	2550	2700
Width	W (mm)	2955	2960	3270	3315	3395	2955	3170	3160	3300	3390	3610	3630	3185	3700	3700
Height	H (mm)	2260	2160	2260	2280	2640	2290	2430	2360	2200	2570	2780	2780	2665	2780	2780
Weight	Kg	8300	10500	13400	15500	18500	11150	14900	18000	21000	27000	22000	25000	32770	33000	48000



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.



SWING BEAM SHEAR



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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 funtion.
- 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



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 angel 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



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BS SERIES
SWING BEAM SHEAR

		BS	BS	BS	BS	BS										
		NC 3106	NC 3110	NC 3113	NC 3116	NC 3120	NC 4106	NC 4110	NC 4113	NC 4116	NC 4120	NC 6106	NC 6110	NC 6113	NC 6116	NC 6120
Cutting Length	(mm)	3120	3120	3120	3120	3120	4160	4160	4160	4160	4160	6240	6240	6240	6240	6240
Cutting Capacity (Mild Steel)	(mm)	6	10	13	16	20	6	10	13	16	20	6	10	13	16	20
Cutting Angle	degree	1,39	1,75	2,25	2,5	2,4	1,33	2	2	2	2	1,33	1,5	1,5	1,5	1,5
Hold Down Pad Number	pcs	15	15	15	15	18	19	19	19	19	19	37	37	37	37	37
Main Motor	kW	11	22	30	30	37	11	22	30	30	37	11	22	30	37	37
Cutting Pcs (0,5 - 3°)	kesim/dk	18	12	12	12	9	14	8	8	8	6	4	4	4	4	4
Oil Tank	lt	200	200	400	400	475	200	200	400	400	475	475	475	475	475	475
Length	L (mm)	2050	2175	2270	2350	2420	2050	2160	2345	2380	2400	2450	2480	2500	2500	2500
Throat Depth	E (mm)	160	160	160	160	160	160	160	160	160	160	160	6350	6350	6350	6350
Width Without Ruler	B (mm)	3840	3850	3850	3875	3950	4890	4910	4930	4950	4980	6910	6930	6950	6985	6985
Width	W (mm)	2745	3060	3160	3200	3350	2750	3120	3160	3190	3350	3610	3630	3650	3700	3700
Height	H (mm)	1700	1850	2000	2170	2430	1820	2000	2100	2480	2600	2730	2730	2730	2730	2730
Weight	Kg	6500	9300	12000	15000	22000	7500	11750	15000	17000	25500	26000	28000	30500	40000	48000

