

SWING BEAM - GUILLOTINE

SHEARING



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ABOUT US

DENER MAKINA was established in 1974, in Kayseri / TURKEY. It has been manufacturing sheet metal working machines like CNC Servo, Hybrid and Hydraulic Press Brakes, NC - CNC Hydraulic Shears, CNC Fiber Laser 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.



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AS SERIES *CNC GUILLOTINE SHEAR*

Dener CNC Guillotine Shears provide, rock solid mechanics, hydraulic, accurate ball screw back gauge, user friendly 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.



ASAS SERIES

CNC GUILLOTINE SHEAR

Optimal Solution
For Shearing.



STANDARD EQUIPMENTS

ESA S 530 Control Unit

- Bright LCD display
- Back gauge control
- Blade Gap control
- Cutting angel control
- Cutting length adjustment
- Actual and programmed position visualization
- Stock counter
- Programmable up to 100 steps
- Panel-based housing
 - Positioning correction
 - Retract
 - Function outputs
 - Step repetition
 - Inch/mm selection
- Numerical 7" lcd tft display (800 x 480 pixels resolution).
- 128 MB silicon disk.
- 2 serial port rs232.
- 1 Can port with 9 pins subd f connector.
- 1 ethernet port 10/100 Mbit (lan connection)
- 1 VGA port for external monitor connection
- 2 USB (2.0) ports.
- 24Vdc power supply



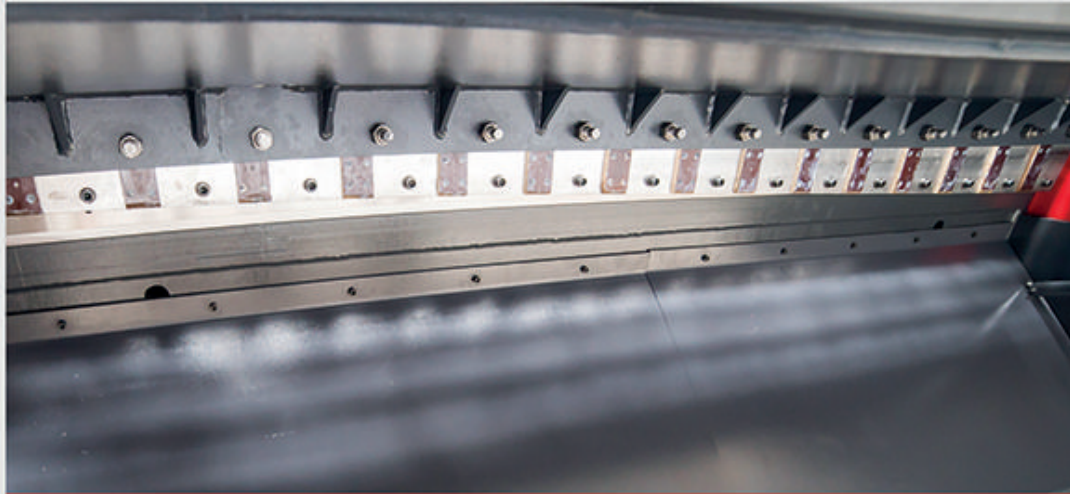
FOOT PEDAL

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 EQUIPMENT



New Technology

Sheet Slider



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



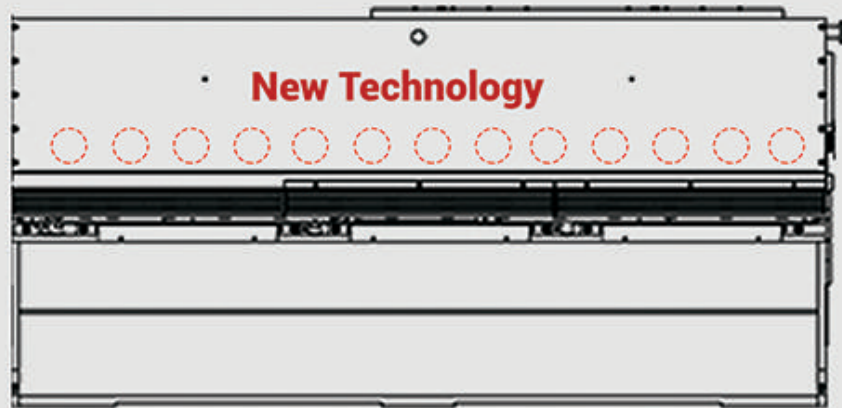
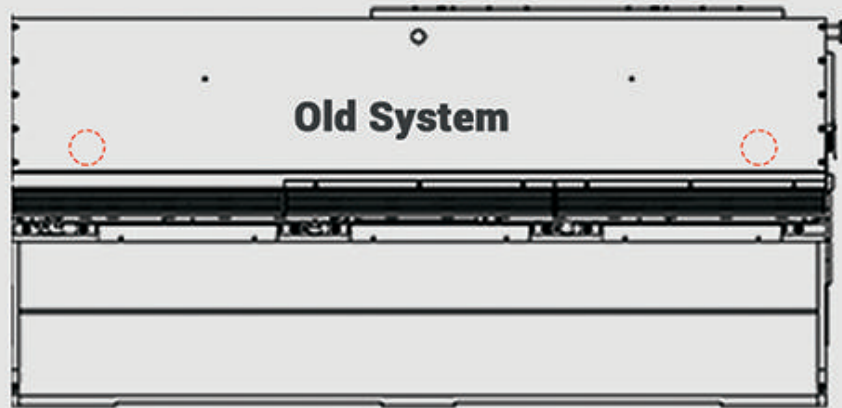
Front Protection Frame



New Technology

Hold Down Pads

NEW TECHNOLOGY



Blade Pads System

Dener new design CNC shear has adjustable pads on the blade connection in order to provide position accuracy.



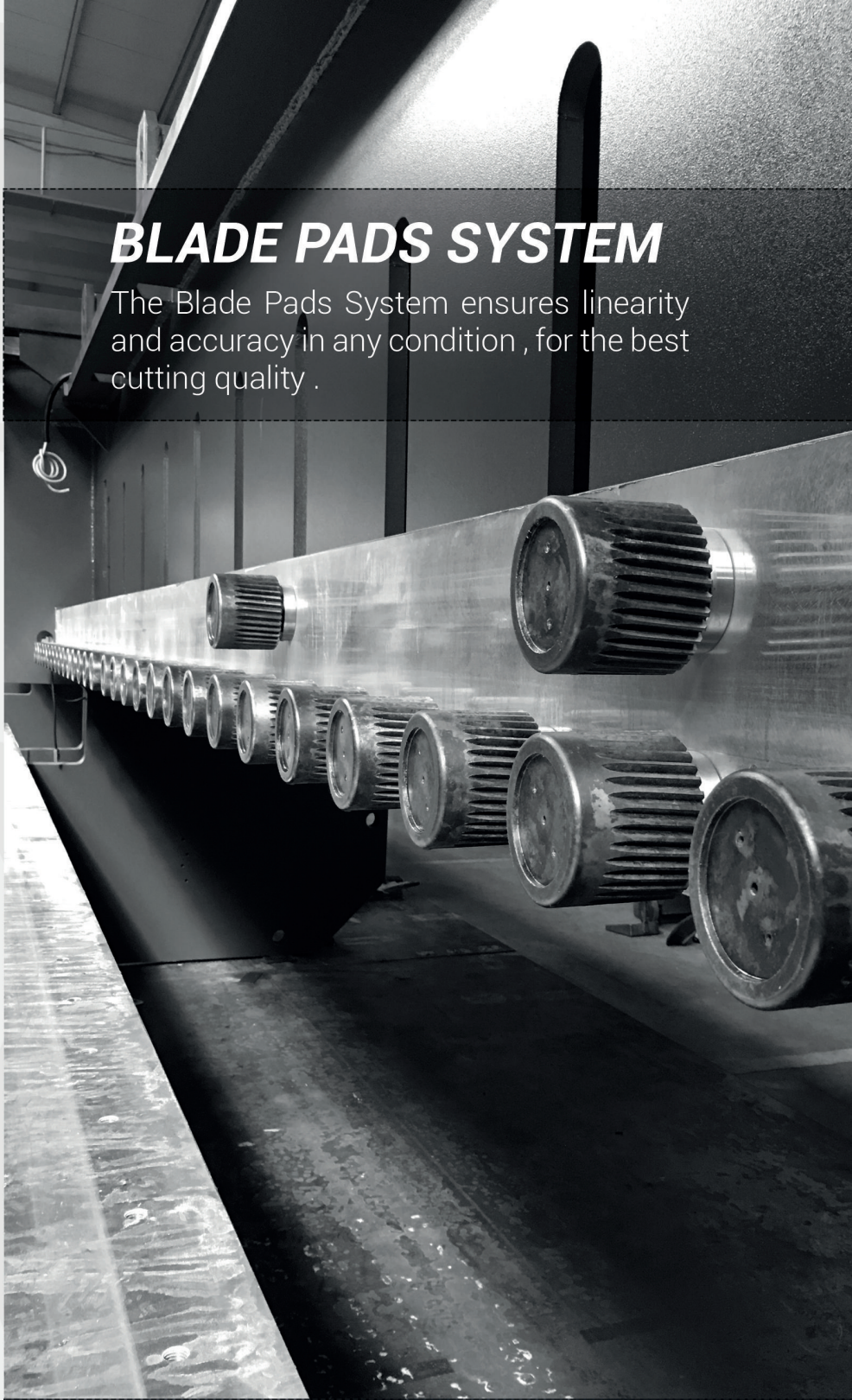
Working System

The system ensures linearity and accuracy in any condition, for the best cutting quality. The system provides cutting straightness and reliability.

ACS AS SERIES

BLADE PADS SYSTEM

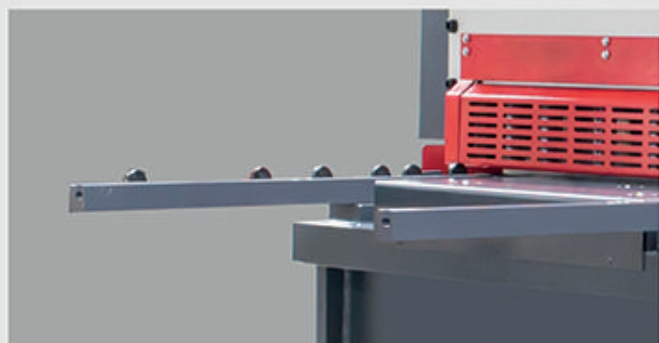
The Blade Pads System ensures linearity and accuracy in any condition , for the best cutting quality .



ADVANTAGES

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

AS SERIES OPTIONALS



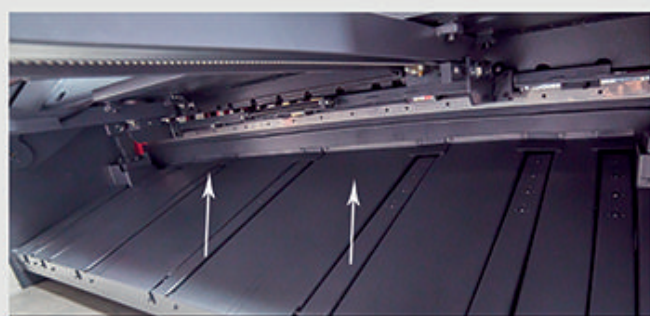
Longer Front Support Arms
2 m / 3 m



Spare Blades



Hydraulic Oil Cooler - Heater
Electric Cabinet Cooler - Heater



Pneumatic Sheet Support System



Laser Cutting Line



Light Curtain



Manual Lubrication System

SAFE AS OPTIONAL



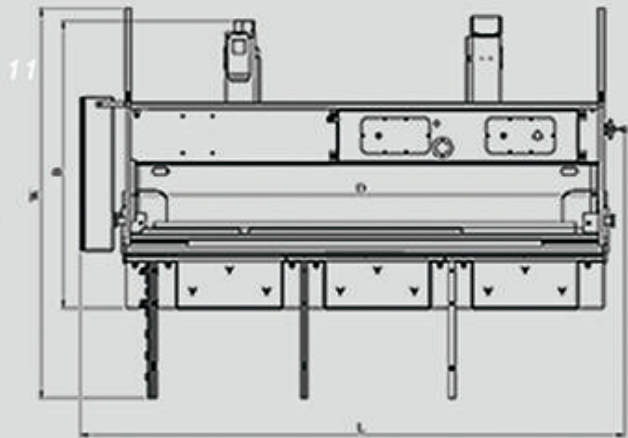
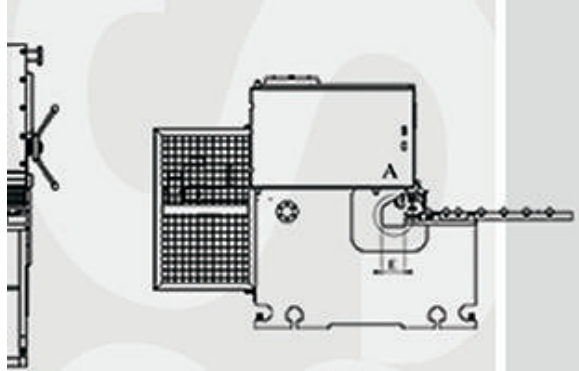
CE
Confirmation
with Photocell
System

AS SERIES CNC GUILLOTINE SHEAR

		DM -HMV 6 - 3100	DM -HMV 10 - 3100	DM -HMV 13 - 3100	DM -HMV 16 - 3100	DM -HMV 20 - 3100
Cutting Length	(mm)	3120	3120	3120	3120	3120
Cutting Capacity (Mild Steel)	(mm)	6	10	13	16	20
Cutting Angle	degree	0,5-2	0,5-2,5	0,5-2,5	0,5-2,5	0,5-2,5
Hold Down Pad Number	pcs	15	15	15	15	15
Main Motor	kW	11	22	30	30	37
Cutting Pcs	cuts/min.	18	16	16	14	8
Oil Tank	lt	200	300	300	400	500
Length	L (mm)	3725	3745	3765	3785	3805
Distance Between Walls	D (mm)	3300	3300	3300	3300	3300
Width Without Ruler	B (mm)	2100	2200	2250	2300	2400
Width	W (mm)	2745	3055	3160	3300	3390
Height	H (mm)	1850	2050	2100	2200	2570
Weight	Kg	6500	9800	12000	15000	20500



DM -HMV 6 - 4100	DM -HMV 10 - 4100	DM -HMV 13 - 4100	DM -HMV 16 - 4100	DM -HMV 20 - 4100	DM -HMV 6 - 6100	DM -HMV 10 - 6100	DM -HMV 13 - 6100	DM -HMV 16 - 6100	DM -HMV 20 - 6100
4160	4160	4160	4160	4160	6300	6300	6300	6300	6300
6	10	13	16	20	6	10	13	16	20
0,5-2	0,5-2,5	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	0,5-2,5
26	26	26	26	26	37	37	37	37	37
11	22	30	30	37	11	22	30	30	37
16	12	12	10	8	14	10	10	8	6
200	300	300	400	500	475	500	550	550	550
4870	4890	4910	4930	4950	6910	6930	6950	6985	6985
4350	4350	4350	4350	4350	6350	6350	6350	6350	6350
2100	2200	2250	2300	2400	2200	2400	2500	2600	2700
2745	3055	3160	3300	3390	3610	3630	3650	3700	3700
1850	2050	2100	2200	2570	2780	2780	2780	2780	2780
7500	11000	13000	21000	27000	22000	25000	28000	40000	48000



SPECIAL PROJECT

DENER AS - 8016 SHEAR



AS-8016

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-CFB 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
- Panel-based housing
- User-friendly one-touch programming
- Retract
- Semi automatic and automatic function.
- Stroke limitation



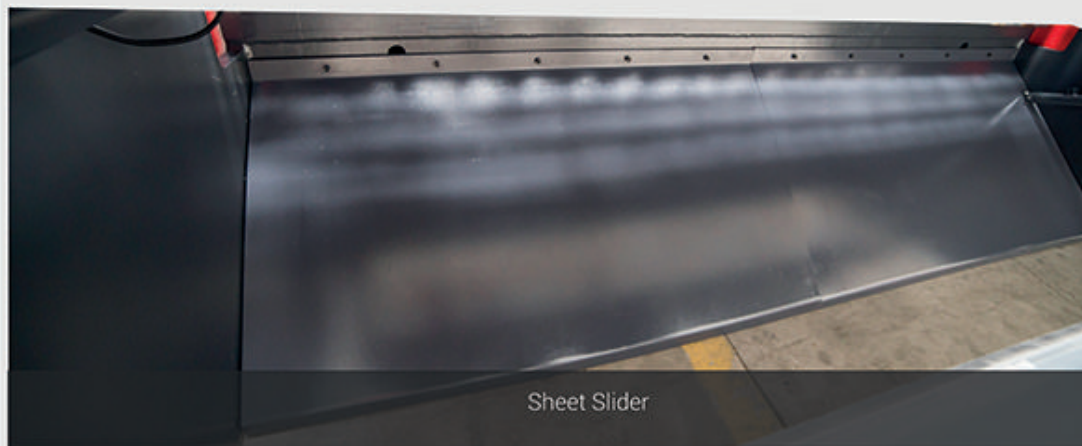
FOOT PEDAL

REMOTE Remote Foot Pedal Control
with Emergency Stop Button

SHEET SLIDERS

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

STANDARD EQUIPMENT



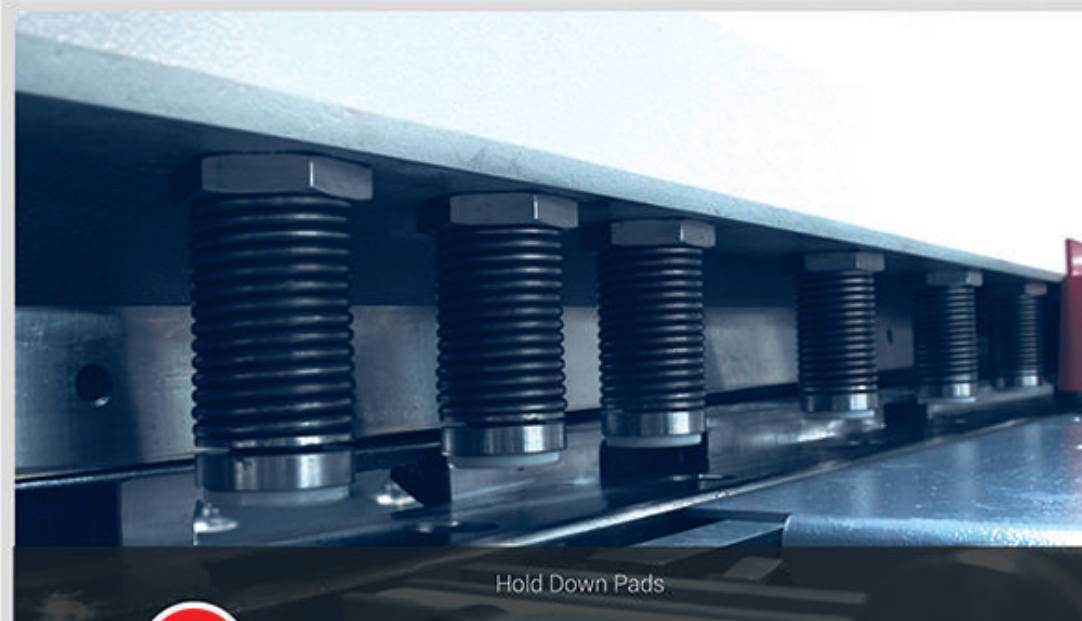
Sheet Slider



Motorized Back Gauge Has - / + 0,1 mm Accuracy



Front Protection Frame



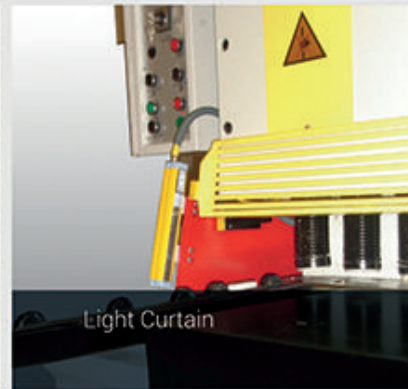
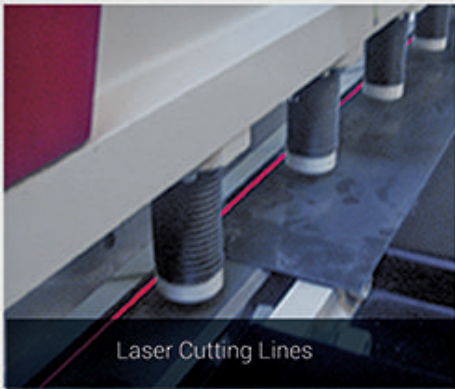
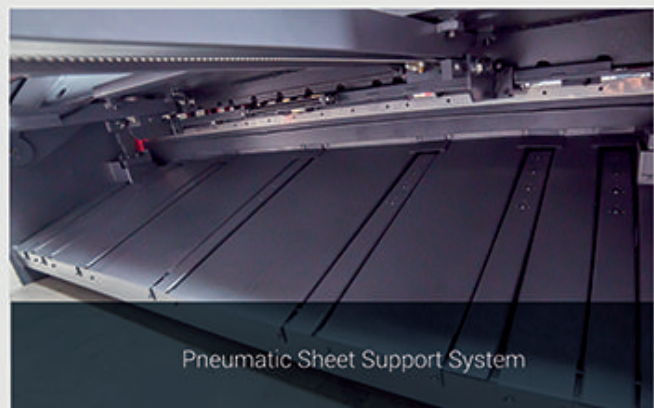
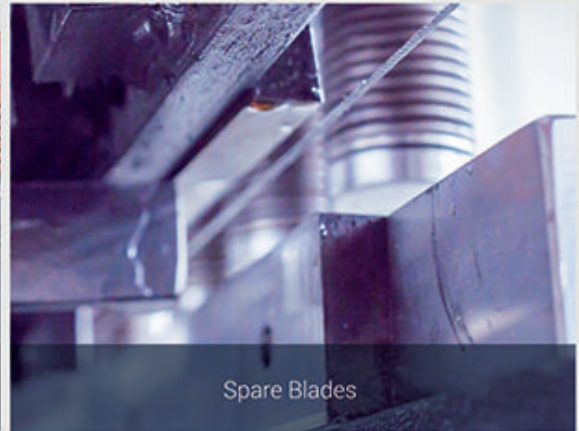
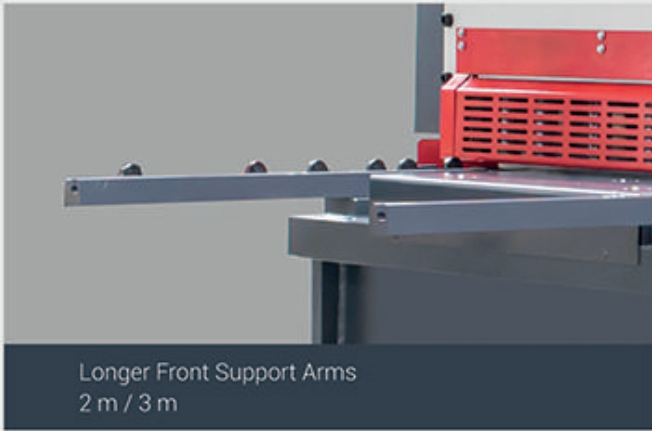
Hold Down Pads



DENER

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BS SERIES OPTIONALS



ESA S 530 CNC Controller Unit

- Bright LCD display
- Back gauge control
- Blade Gap control
- Cutting angel control
- Cutting length adjustment
- Actual and programmed position visualization
- Stock counter
- Programmable up to 100 steps
- Panel-based housing

OPTIONAL

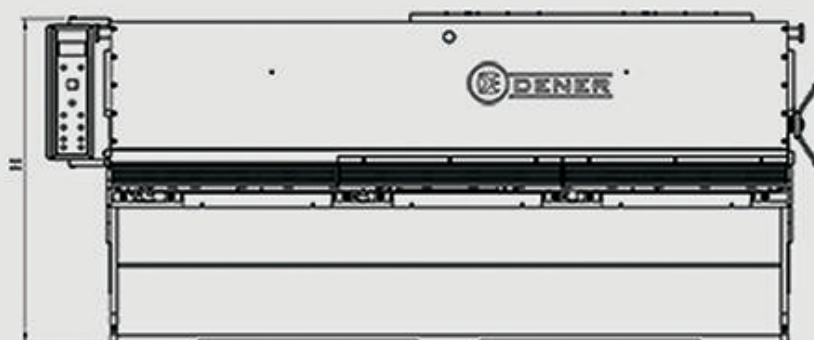
ESA S 530 CNC Controller Unit

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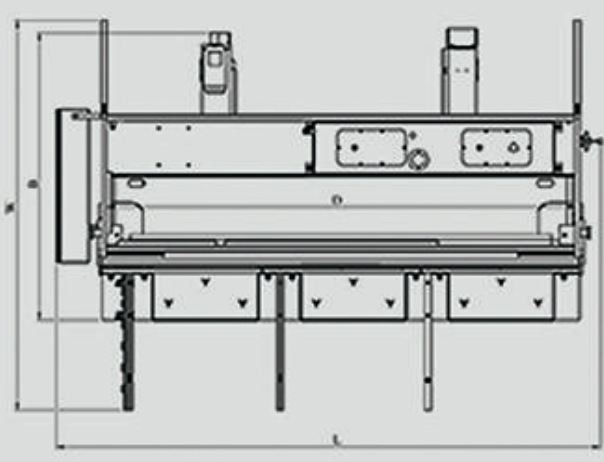
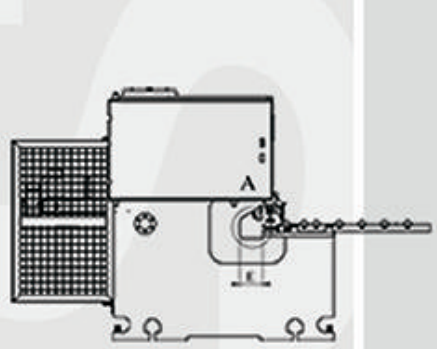


BS SERIES SWING BEAM SHEAR

		DMMH NC 2106	DMMH NC 2606	DMMH NC 3106	DMMH NC 3110	DMMH NC 3113	DMMH NC 3116
Cutting Length	(mm)	2080	2600	3120	3120	3120	3120
Cutting Capacity (Mild Steel)	(mm)	6	6	6	10	13	16
Cutting angle	degree	1,39	1,39	1,39	1,75	2,25	2,5
Hold Down Pad Number	pcs	11	13	15	15	15	15
Main Motor	KW	11	11	11	22	30	30
Cutting pcs	cuts/min.	23	20	18	12	12	12
Oil Tank	lt	200	200	200	200	400	400
Width Without Front Support	B (mm)	2000	2110	2050	2175	2270	2350
Distance Between Walls	D (mm)	2250	2800	3300	3300	3300	3300
Length	L (mm)	2800	3340	3840	3850	3850	3875
Width	W (mm)	2740	2745	2745	3060	3160	3200
Height	H (mm)	2025	1700	1700	1850	2000	2170
Weight	Kg	5000	5500	6500	9300	12000	15000



DMMH NC 3120	DMMH NC 4106	DMMH NC 4110	DMMH NC 4113	DMMH NC 4116	DMMH NC 4120	DMMH NC 6106	DMMH NC 6110	DMMH NC 6113	DMMH NC 6116	DMMH NC 6120
3120	4160	4160	4160	4160	4160	6240	6240	6240	6240	6240
20	6	10	13	16	20	6	10	13	16	20
2,7	1,33	2	2	2	2	1,33	1,5	1,5	1,5	1,5
18	19	19	19	19	19	37	37	37	37	37
37	11	22	30	30	37	11	22	30	37	37
9	14	8	8	8	6	4	4	4	4	4
475	200	200	400	400	475	475	475	475	475	475
2420	2050	2160	2315	2380	2400	2450	2480	2500	2550	2550
3300	4350	4350	4350	4350	4350	6350	6350	6350	6350	6350
3950	4890	4910	4930	4950	4980	6910	6930	6950	6985	6985
3350	2750	3120	3160	3190	3350	3610	3630	3650	3700	3700
2430	1820	2000	2100	2480	2600	2730	2730	2730	2730	2730
22000	7500	11750	15000	17000	25500	26000	28000	30500	40000	48000





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