smart xl

The DENER SMART XL CNC is an economical, strong, fast and accurate new model. The SMART XL Press brake targets small and medium size sheet metal working companies. The most important features of DENER SMART XL are;

- Faster working speeds
- Greater bending power
- Deeper throat depth
- Bigger stroke and day light

The DENER SMART XL is a synchronized hydraulic press brake with numerical CNC controllers. It offers simple operation, quick and easy part programming, easy setup of the machine, auto calculation of the bend angle, and back gauge correction. The 2D off line programming feature of the ESA 630 control gives possibility to complete bending programs on the Office PC and transfer them to the machine by LAN or USB. This feature is popular for end users not interested in more expensive off line CAD/CAM bend softwares. The SMART XL has more advanced features than its competitors. Some of these features are: a strong and complete mono block welded frame, longer stroke and longer distance between frames, deeper throat depth, and a higher working table.

* Some optional equipment was used on the machine photo.

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STANDARD EQUIPMENT

ESA S 630 CONTROL UNIT

- 10" colour touch screen
- Automatic bend listing
- Easy programmable 2D graphic display.
- 2D graphic display of machine frame, work-piece and tools
- Up to 4 axes (Y1,Y2, and 2 auxiliary axes)
- Multiple language options
- Multiple simulation
- Remote access
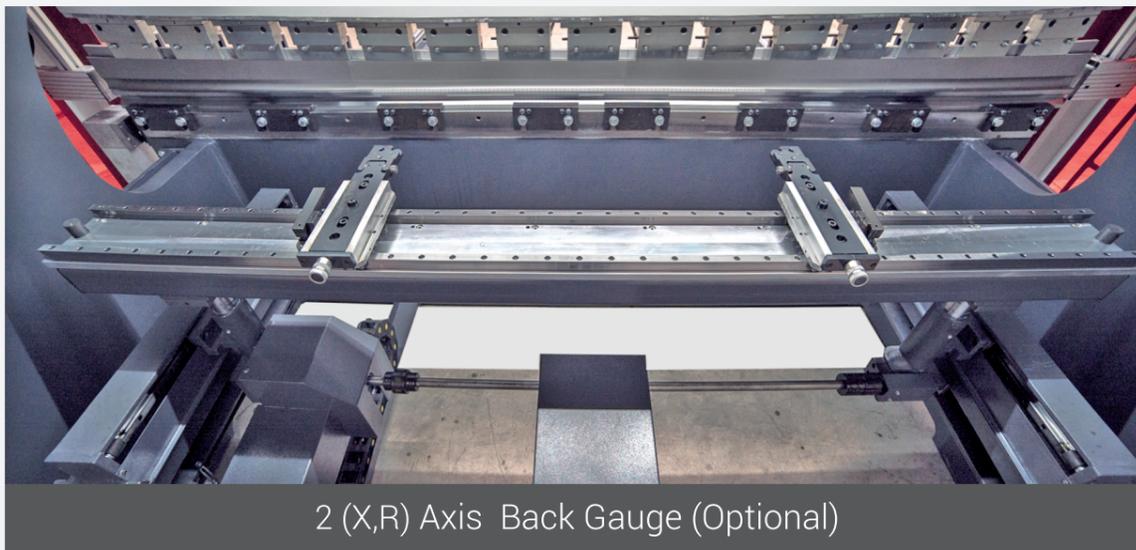- 128 MB silicon disk.

European Type Sectioned Clamping System

Stronger Front Support Arms

European Type Sectioned Punch

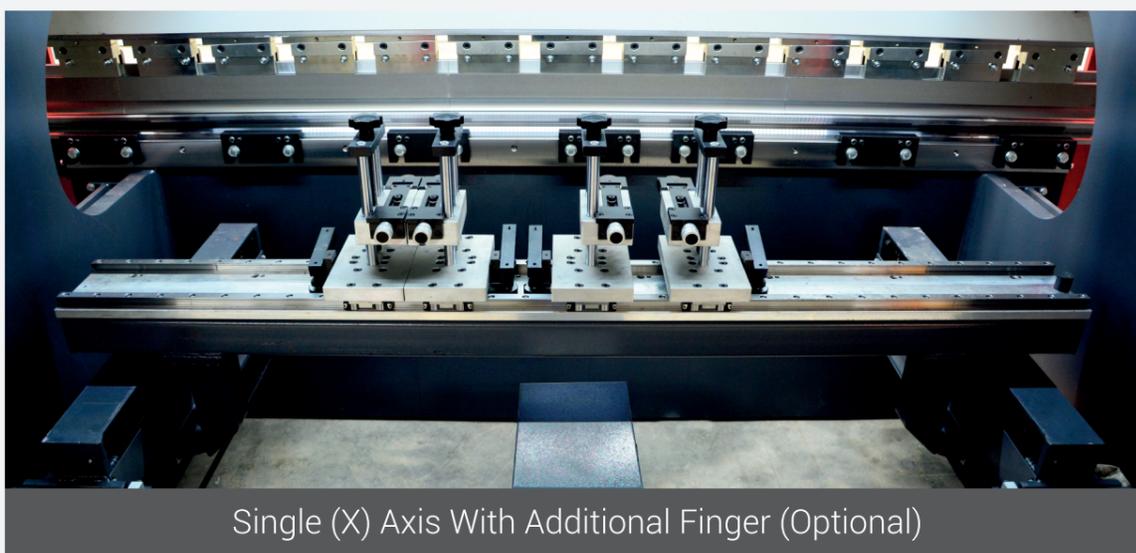European Type Sectioned V Die

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BACK GAUGES

Single (X) Axis Back Gauge (Standard)

2 (X,R) Axis Back Gauge (Optional)

Single (X) Axis With Additional Finger (Optional)

OPTIONAL EQUIPMENT

Manual Crowning

Motorized Crowning

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SMART XL

SMART XL	1560	2060	2660	26100	30100	30135	30175	30220	30320	36175	36220	36320	40175	40220	40320	40400	40500	40600	60220	60320	60400	60600
Bending Length (mm) (A)	1550	2050	2600	2600	3020	3020	3020	3020	3020	3650	3650	3650	4050	4050	4050	4050	4050	4050	6050	6050	6050	6050
Bending Capacity (ton)	60	60	60	100	100	135	175	220	320	175	220	320	175	220	320	400	500	600	220	320	400	600
Approaching Speed (mm/sn)	180	180	180	160	160	160	150	140	125	150	140	125	150	140	125	80	80	60	100	80	60	60
Bending Speed (mm/sn)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	8	8
Returning Speed (mm/sn)	160	160	150	150	150	130	130	130	120	130	130	120	130	130	120	80	80	60	100	80	60	60
Stroke (C)	220	220	220	300	300	320	350	350	400	350	350	400	350	350	400	400	400	450	450	350	400	450
Daylight (D)	410	390	390	540	530	550	600	600	650	600	600	650	600	600	650	650	650	650	600	650	650	730
Throat Depth (E)	400	400	400	450	450	450	450	450	450	450	450	450	450	450	450	600	600	600	450	450	600	600
Distance Between Side Frames (B)	1250	1650	2150	2150	2555	2555	2555	2555	2555	3100	3100	3100	3550	3550	3550	3550	3550	3550	5100	5100	5100	5020
Length (L)	2445	2855	3355	3320	3725	3745	3745	3745	3785	4290	4290	4330	4740	4740	4780	5055	5000	5000	6830	6865	6905	7145
Width (W)	2200	2200	1920	2250	2250	2250	2280	2280	2270	2280	2290	2290	2290	2290	2280	2777	2770	4050	2300	2280	2780	3275
Width Without Front Supports (Y)	1635	1635	1360	1710	1690	1720	1720	1720	1760	1720	1730	1770	1730	1740	1770	2300	2600	2130	1770	1770	2330	2800
Height (H)	2390	2390	2390	2780	2780	2835	3030	3055	3100	3030	3055	3105	3030	3050	3105	3560	3560	4225	3010	3110	3615	3910
Table Height (F)	880	900	900	900	900	900	920	920	920	920	920	920	920	920	920	1095	1095	1095	920	920	1095	980
Pit Depth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	850	0	0	0	1450
Main Motor (kW)	7,5	7,5	7,5	11	11	15	22	22	30	22	22	30	22	22	30	45	45	45	22	30	45	45
Oil Tank (lt)	100	100	100	190	190	190	300	300	400	300	300	400	300	300	400	600	600	600	300	400	400	600
Approximate Weight	3850	4500	5200	7350	8000	8950	10550	10700	13650	11700	11850	15000	12555	15150	16000	24000	32000	45500	18000	22550	31000	50700

DENER HAS THE RIGHT TO MAKE MODIFICATIONS IN TECHNICAL PROPERTIES WITHOUT GIVING ANY NOTIFICATION