MAXIMA
31175
assistmach
Y1
Y2

FEATURES OF MAXIMA SERIES

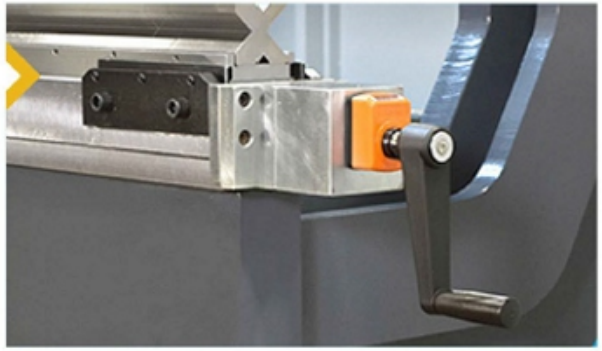
Standard manual height adjustable fingers

Precise and Robust Back Gauge system

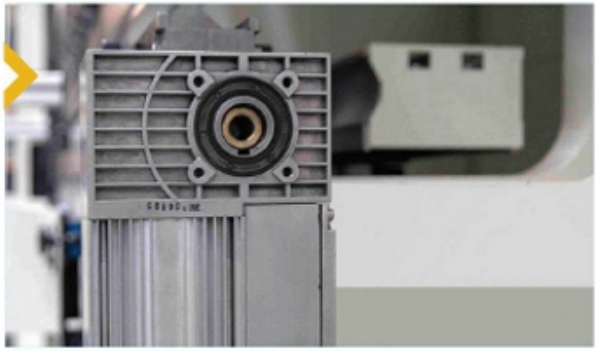
Top and Bottom Clamping system
Quick release clamping

Europian Type Bottom Tool (4V Die)

Front support arms with brushes are mounted on a linear guide rail system



Manual Crowning system – Standard



CNC controlled motorized crowning system - Option

CE Safety system

Our machines are designed in accordance with Ce-Norms to ensure your safety with hydraulic, electric, appropriate height covers and laser light curtains.CE safety in tandem machines are also provided with light barriers

MAXIMA SERIES CONTROL UNITS

Cybelec CybTouch 12 (Standard)

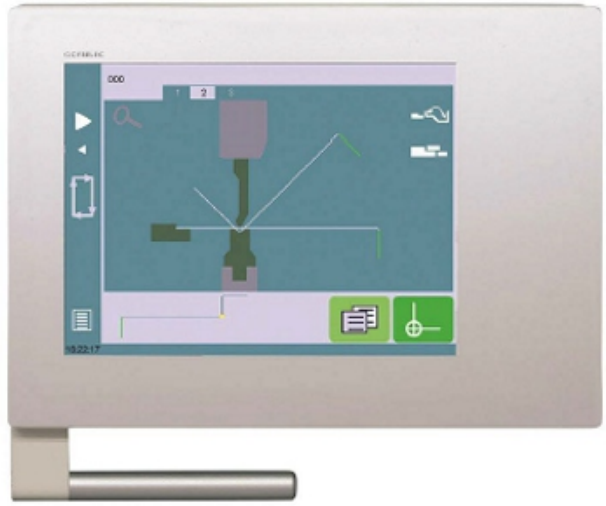
CUSTOMER BENEFITS

Open to any operator thanks to the simple and intuitive full touch screen programming

Modern and efficient hand drawing part profile programming

Very fast solution provided by 2D graphic display and automatic bending sequence

Cybelec CybTouch 15



CUSTOMER BENEFITS

Y1, Y2, X and R axes, the optional Z1 and Z2 axes, and motorized crowning are supported

15" capacitive touchscreen with glass surface

Collision detection

Bending sequence computation

DELEM 58 T

The DA-58T is a state of the art complete 2D graphical control solution for synchronized press brakes. Offering easiest CNC programming based on the Delem graphical touch screen user interface including automatic bend sequence calculation and collision detection.

Its 15" high resolution colour TFT, with industrial grade multi touch screen technology, gives access to the proven Delem user-interface. It enables direct navigation between product programming and actual production. Functions are directly located where needed, offering optimised ergonomics throughout the entire application.

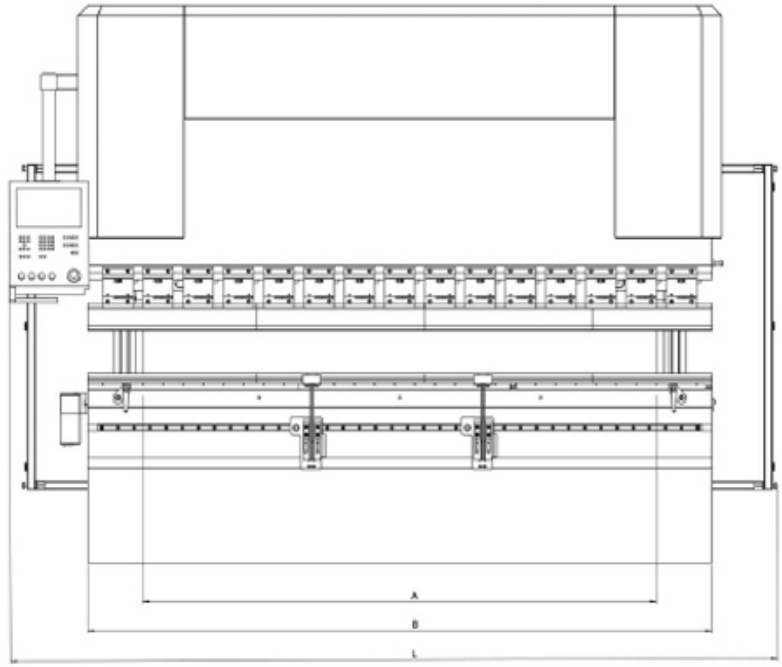
2D graphical touch screen programming
15" high resolution colour TFT
Bend sequence calculation
Crowning control
Servo and frequency inverter control
Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
USB, peripheral interfacing
Profile-T offline software

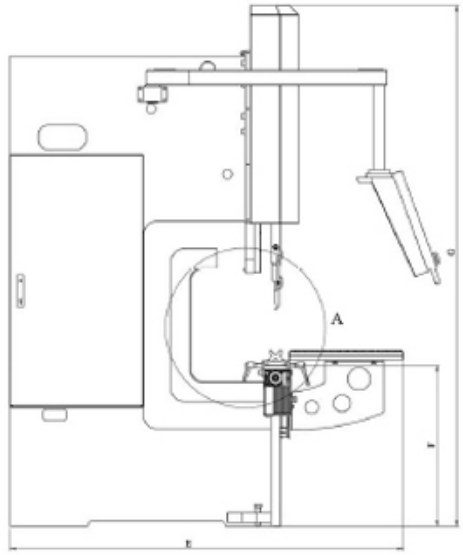
Standard Equipments

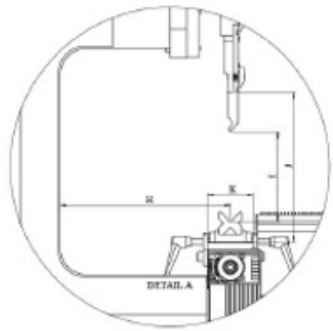
(Y1, Y2, X) 3 axis Synchro Press Brake
Manual Crowning
Control Unit - CNC Cybelec Cytbtouch 12 Graphic Control
Non CE with Manual F.AKAS FPBS (for Top Beam)
European Quick Release Clamping system
60mm Die Holder
Back gauge : Motorised & Ballscrew system
Back gauge fingers - manual height adjustable
Back gauge motors: AC motors
Sliding Front Arms with full length linear guide and brushes
Safety covers

Optional Equipments

Cybelec CybTouch 15
Delem 58T Control Unit
Delem 66T control Unit
CE Norm with DSP Top beam safety with PLC included
Manual FIESSLER AKAS + FPSC (safety PLC)
R axis
CNC Controlled motorized crowning system
Oil coolant
Oil Heater
Additional Front arms
Addtional back gauge fingers
Control Panel on opposite side







MAXIMA SERIES 3 AXIS HYDRAULIC PRESS BRAKES

TYPE	Bending Length	Bending Force	Stroke	Between Columns	Y Axis Down Speed	Y Axis Bending Speed	Y Axis Return Speed	X Axis Distance	X Axis Speed	Length	Width	Height	Width	Throat Depth	Table Height	Daylight	Bottom Table Dimension	Motor	Oil Tank	Weight
	B		I	A						L	D	G	E	H	F	J	K			
	mm	Ton	mm	mm	mm/sec	mm/sec	mm/sec	mm	mm/sec	mm	mm	mm	mm	mm	mm	mm	mm	kW	lt	kg
										Machine Transport Dimension										
MAXIMA-1240	1300	40	180	1000	160	10	140	650	350	2125	1950	2150	2100	300	770	345	100	5,5	100	2500
MAXIMA-1260	1300	60	180	1000	160	10	140	650	350	2130	1990	2375	2400	400	850	400	100	5,5	100	3100
MAXIMA-2060	2100	60	270	1650	160	10	140	650	350	2830	1990	2375	2400	450	850	550	100	5,5	100	3500
MAXIMA-25100	2600	100	270	2100	160	10	120	650	350	3300	1700	2760	2150	450	850	550	100	7,5	200	6500
MAXIMA-31100	3100	100	270	2550	160	10	120	650	350	3760	1700	2760	2150	450	850	550	100	7,5	200	7500
MAXIMA-31135	3100	135	270	2550	160	10	120	650	350	3760	1700	2760	2150	450	850	550	120	11	200	8500
MAXIMA-31175	3100	175	270	2550	160	10	120	650	350	3775	1825	2920	2250	450	920	550	120	15	200	9600
MAXIMA-31220	3100	220	270	2550	140	10	120	650	350	3775	1830	2960	2270	450	920	550	120	18,5	200	11000
MAXIMA-31300	3100	300	370	2550	140	10	100	650	350	3810	2050	3100	2550	450	920	650	150	30	300	13800
MAXIMA-31400	3100	400	370	2550	100	10	100	650	350	3990	2250	3280	2700	550	1030	650	150	37	400	19500
MAXIMA-37175	3700	175	270	3100	140	10	120	650	350	4325	1825	2920	2250	450	920	550	120	15	200	11200
MAXIMA-37220	3700	220	270	3100	140	10	120	650	350	4325	1830	2960	2270	450	920	550	120	18,5	200	12300
MAXIMA-37300	3700	300	370	3100	140	10	100	650	350	4360	2110	3150	2690	450	920	650	150	30	300	14800
MAXIMA-41175	4100	175	270	3550	140	10	120	650	350	4675	1825	2920	2250	450	920	550	120	15	200	11600
MAXIMA-41220	4100	220	270	3550	140	10	100	650	350	4675	1830	2960	2270	450	920	550	120	18,5	200	13200
MAXIMA-41300	4100	300	370	3550	120	10	100	650	350	4710	2050	3100	2550	450	920	650	150	30	300	17000
MAXIMA-41400	4100	400	370	3550	100	10	80	650	350	4990	2250	3280	2700	550	1030	650	150	37	400	22000
MAXIMA-61220	6100	200	270	5100	120	10	100	650	350	6675	1850	2960	2250	450	1050	550	120	18,5	200	19800
MAXIMA-61300	6100	300	370	5100	100	10	100	650	350	6675	2050	3100	2550	450	920	650	150	30	300	23550
MAXIMA-61400	6100	400	370	5100	100	10	80	650	350	6660	2250	3280	2700	550	1030	650	150	37	400	30000
MAXIMA-61500	6100	500	370	5100	100	10	80	650	350	6680	2300	3350	2850	550	1070	650	150	37	400	31500
MAXIMA-61600	6100	600	370	5100	80	10	80	650	350	6720	2650	5100	3780	550	2230	650	150	45	500	51400