

Big Projects need
**experience &
capability ...**



inanlar
sheet metal working machinery

Laser Cutting Machines

CNC Hydraulic Press Brakes

CNC Hydraulic Guillotine Shears

Electromechanical Shears

CNC Plasma Cutting Machines

since
1950

Company Profile

INANLAR Sheet Metal Working Machinery was established by Mevlut Inan, who is still chamber of board of the company, in order to share the experience he got in different division of governmental companies in 1950. INANLAR started to manufacture hand scissors and hand tools when Turkish Industry was being established. Afterwards, it continued its production by manufacturing stamp press and armed shears and started to produce machines for industry.

INANLAR brand started to be famous in Turkish Market by its quality and stability in machinery field. In 1974, first press brake and shear which had 10 mm capacity was produced by INANLAR in Turkish Industry by merging its experience and knowledge. INANLAR started mass production of press brakes and shears and became INANLAR Incorporated Company. Till 1990s, Inanlar Inc. company filled the needs of Turkish industry with high experienced top management and engineers. In 1995, INANLAR started exporting its machines to more than 20 countries through its investments in the same year. INANLAR offers its products which are produced by using latest technology in 25.000 m2 modern factory and meets the world standards like TSE, ISO 9001:2000 and CE European Standards.

INANLAR Inc., which breaks new grounds all the time, produced the first 8 meters and 12 meters length guillotine shears and 14 meter 2000 ton hydraulic press brakes for Turkish Industry. INANLAR Inc., which reflects its quality and aesthetic to its products, has strong place in machinery sector. INANLAR Inc. produced all capacity of the machines which are still being produced in machinery field all around the world through its new investments and experience. Inanlar is the most chosen brand because of trust and stability are behind it.



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In 1950, Inanlar was established,

In 1974, produced the first Guillotine Shear and the Press Brake with the capacity of 3 meters and 10 mm in Turkey,

In 1994, produced the first Adjustable Guillotine Shear with the capacity of 3 meters and 20 mm in Turkey,

In 1996, produced the first Guillotine Shear and Press Brake with the capacity of 6 meters and 16 mm in Turkey,

In 1998, produced the first Guillotine Shear with 8 meters and 12 mm in Turkey,

In 2001, produced CNC 8 meters and 800 ton tandem press brake,

*In 2004, Inanlar became a trademark in its sector all around the world
with the production of 12 meters and 16 mm guillotine shear and
14 meters and 2000 ton press brake.*

*In 2013, Inanlar launched its sales and service office
with experienced staff in Bursa, Turkey.*

since
1950



Fiber Laser Cutting Machine



Safety: 1065 μm wavelength protective windows

Controller: 17" industrial type touchscreen movable controller

Sliding Doors: Sliding doors for easy operation

Inanlar Fiber Laser Cutting Machine is produced with efficient and ecological fiber laser technology with the proven reliability and flexibility.

Inanlar Fiber Laser Cutting Machine can be used to cut a wide range of materials. Fiber lasers are more effective than other laser sources for cutting highly reflective materials e.g. aluminium alloys, cooper, brass...etc. Varied thicknesses (up to 22 mm of mild steel) can be cut with efficiency and quality. Productivity increases particularly with thin sheet metal with almost zero maintenance and 70% less cutting cost compared to CO2 lasers.



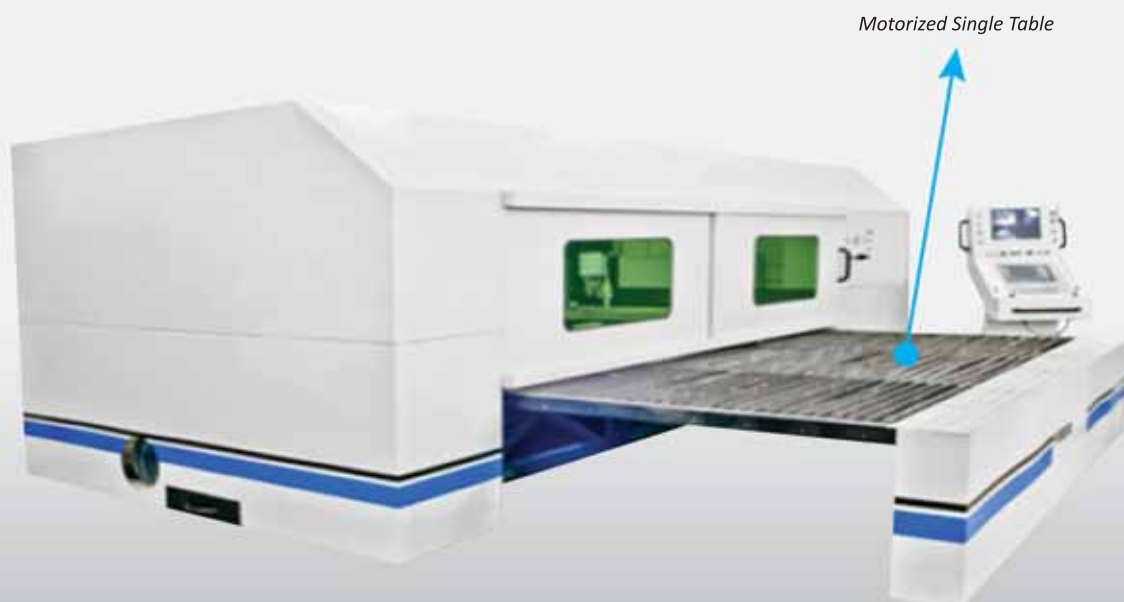
Fiber Laser Cutting Machine

General Features:

- %70 low electricity consumption in comparison with CO2 Laser
- Up to %300 faster cutting
- High wall plug efficiency (>%30)
- Flexible beam path
- Maintenance free
- Copper, brass cutting ability
- High output power
- High optical quality
- Compact size
- Reliability

Standard Equipments

- IPG Ytterbium Laser Resonator
- Linear Driven X, U and Y Axes
- High Rigid Frame
- 17" LCD Touch Screen Controller
- Precitec Cutting Head
- Lantek Software
- Shuttle Table
- Chiller Unit
- Proportional Gas and Piping System
- Dust Filter
- Compressor
- Conveyor for Scraps





IPG Resonator

- No assist gas to create laser beam
- No mirrors inside the resonator
- No quartz tubes
- No electrodes
- No turboblower
- No beam adjustment
- No start-up time
- No maintenance



**Precitec HP SSL
Cutting Head**

The modern fiber laser with beam sources near the theoretical limit always allow higher cutting speeds in the thin sheet area. The HPSSL cutting head fully implements this potential into productivity, quality and safety. It is designed for use on flatbed systems and pipe cutting machines with fiber-coupled lasers.



Technical Specifications

Code	Resonator	Power	Maximum Worksheet Dimensions	X & U Axis	Y Axis	Z Axis	Maximum Idle Speed	Axis Drivers		
		Watt	mm	mm	mm	mm	m/min	X	Y	U
IFL052515	IPG	500	2500 x 1250	2550	1300	100	150	Linear	Linear	Linear
IFL12515	IPG	1000	2500 x 1250	2550	1300	100	150	Linear	Linear	Linear
IFL053015	IPG	500	3000 x 1500	3050	1550	100	150	Linear	Linear	Linear
IFL13015	IPG	1000	3000 x 1500	3050	1550	100	150	Linear	Linear	Linear
IFL153015	IPG	1500	3000 x 1500	3050	1550	100	150	Linear	Linear	Linear
IFL23015	IPG	2000	3000 x 1500	3050	1550	100	150	Linear	Linear	Linear
IFL33015	IPG	3000	3000 x 1500	3050	1550	100	150	Linear	Linear	Linear
IFL43015	IPG	4000	3000 x 1500	3050	1550	100	150	Linear	Linear	Linear
IFL053020	IPG	500	3000 x 2000	3050	2050	100	150	Linear	Linear	Linear
IFL13020	IPG	1000	3000 x 2000	3050	2050	100	150	Linear	Linear	Linear
IFL153020	IPG	1500	3000 x 2000	3050	2050	100	150	Linear	Linear	Linear
IFL23020	IPG	2000	3000 x 2000	3050	2050	100	150	Linear	Linear	Linear
IFL33020	IPG	3000	3000 x 2000	3050	2050	100	150	Linear	Linear	Linear
IFL43020	IPG	4000	3000 x 2000	3050	2050	100	150	Linear	Linear	Linear
IFL054020	IPG	500	4000 x 2000	4050	2050	100	150	Linear	Linear	Linear
IFL14020	IPG	1000	4000 x 2000	4050	2050	100	150	Linear	Linear	Linear
IFL154020	IPG	1500	4000 x 2000	4050	2050	100	150	Linear	Linear	Linear
IFL24020	IPG	2000	4000 x 2000	4050	2050	100	150	Linear	Linear	Linear
IFL34020	IPG	3000	4000 x 2000	4050	2050	100	150	Linear	Linear	Linear
IFL44020	IPG	4000	4000 x 2000	4050	2050	100	150	Linear	Linear	Linear
IFL056020	IPG	500	6000 x 2000	6050	2050	100	150	Linear	Linear	Linear
IFL16020	IPG	1000	6000 x 2000	6050	2050	100	150	Linear	Linear	Linear
IFL156020	IPG	1500	6000 x 2000	6050	2050	100	150	Linear	Linear	Linear
IFL26020	IPG	2000	6000 x 2000	6050	2050	100	150	Linear	Linear	Linear
IFL36020	IPG	3000	6000 x 2000	6050	2050	100	150	Linear	Linear	Linear
IFL46020	IPG	4000	6000 x 2000	6050	2050	100	150	Linear	Linear	Linear



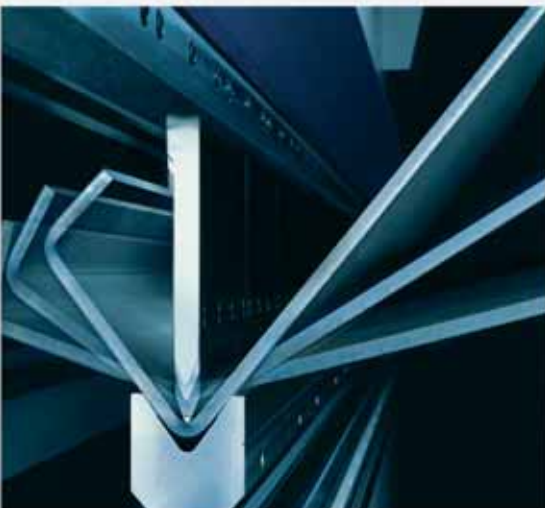
	Repetition Accuracy	Repeatability of Positioning	Mild Steel	Stainless Steel	Aluminium	Brass	Copper	Maximum Burden Capacity	Shuttle Table Speed	Cad/Cam Software
Z	mm	mm	mm	mm	mm	mm	mm	kg	sec.	
Servo	± 0,03	± 0,015	6	3	1,5	1	1	1250	30	Lantek
Servo	± 0,03	± 0,015	10	4	2	2	1,5	1250	30	Lantek
Servo	± 0,03	± 0,015	6	3	1,5	1	1	1500	35	Lantek
Servo	± 0,03	± 0,015	10	4	2	2	1,5	1500	35	Lantek
Servo	± 0,03	± 0,015	14	6	4	3	2	1500	35	Lantek
Servo	± 0,03	± 0,015	16	10	6	4	4	1500	35	Lantek
Servo	± 0,03	± 0,015	20	15	12	6	6	1500	35	Lantek
Servo	± 0,03	± 0,015	22	18	15	8	6	1500	35	Lantek
Servo	± 0,03	± 0,015	6	3	1,5	1	1	1600	35	Lantek
Servo	± 0,03	± 0,015	10	4	2	2	1,5	1600	35	Lantek
Servo	± 0,03	± 0,015	14	6	4	3	2	1600	35	Lantek
Servo	± 0,03	± 0,015	16	10	6	4	4	1600	35	Lantek
Servo	± 0,03	± 0,015	20	15	12	6	6	1600	35	Lantek
Servo	± 0,03	± 0,015	22	18	15	8	6	1600	35	Lantek
Servo	± 0,03	± 0,015	6	3	1,5	1	1	2000	45	Lantek
Servo	± 0,03	± 0,015	10	4	2	2	1,5	2000	45	Lantek
Servo	± 0,03	± 0,015	14	6	4	3	2	2000	45	Lantek
Servo	± 0,03	± 0,015	16	10	6	4	4	2000	45	Lantek
Servo	± 0,03	± 0,015	20	15	12	6	6	2000	45	Lantek
Servo	± 0,03	± 0,015	22	18	15	8	6	2000	45	Lantek
Servo	± 0,03	± 0,015	6	3	1,5	1	1	2500	55	Lantek
Servo	± 0,03	± 0,015	10	4	2	2	1,5	2500	55	Lantek
Servo	± 0,03	± 0,015	14	6	4	3	2	2500	55	Lantek
Servo	± 0,03	± 0,015	16	10	6	4	4	2500	55	Lantek
Servo	± 0,03	± 0,015	20	15	12	6	6	2500	55	Lantek
Servo	± 0,03	± 0,015	22	18	15	8	6	2500	55	Lantek

CNC Hydraulic Press Brakes

General Specifications;

- Configured from 3 Axes (Y1, Y2, X) to 8 Axes (Y1, Y2, X1, X2, R1, R2, Z1, Z2)
- Optional 3D controller
- Parallelism of top beam is achieved by proportional valve system
- Hydraulic, CNC motorized and manual crowning system options
- High quality linear scales
- Front sliding support system with flip stop
- Cylinder oil flow control
- Automatic tonnage adjustment depending on thickness of material and V die
- Automatic, semi-automatic and manual working modes,
- Adjustable working speed
- Automatic axis referencing
- Programmable bending and backgauge speeds
- Honed and chrome plated cylinders
- Adjustable backgauge finger blocks
- Automatic stroke adjustment according to bending angles
- Hoerbiger hydraulic system
- Siemens electric system

Controller:
Movable arm
for easy usage



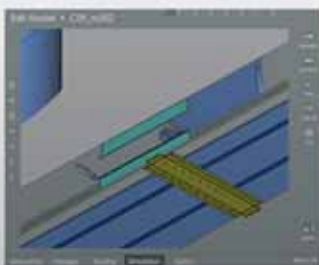
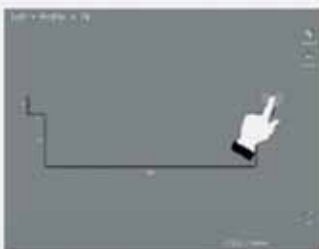
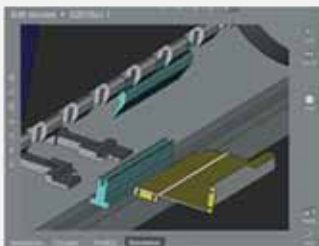
- *Real Innovation,*
- *High Quality, High Performance and Good Price,*
- *User Friendly Control Unit,*
- *Monoblock, Steel Welded Construction,*
- *High Precious Bendings,*



Controller

Delem DA-56 2D Graphical Controller

- High performance user friendly CNC controller is offered at affordable price.
- 2D graphical bending simulation. • 2D graphical part drawing.
- Automatic bending calculations for inner and outer parameters.
- Automatic X and R axis calculating for bending steps and part dimensions.
- Bending skip or bending change. • Automatic calculations of bent parts.
- Automatic positioning for Y1 and Y2 upon sample part degree.
- Automatic stroke or inside radius calculating.
- 6,4" VGA colour TFT Screen • OS: WINDOWS. • Memory: 64 MB.
- Memory for end users. Min 2 MB, approximately 1000 programs.
- Programming feature up to 99 steps.
- Y1, Y2, X, R, (Max 4 axis+Motorized CNC Crowning).
- Additional 2 USB ports for your keyboard or mouse.
- Ethernet sample piece transfer. • Offline 2D part programming software.



ModEva RA

ModEva RA boasts a new touch screen interface and a state of the art flat console design. The full 3D ModEva RA software has high-performance features for operators to efficiently complete their daily tasks. 2D profiles can be hand drawn directly on the touch screen. To better suit the user's needs, two versions of ModEva RA are available: ModEva RA and ModEva RA Premium.

Easy Operating

- Intuitive touch screen interface.
- Full 3D simulation.
- Multiple view points while working.
- Machine components can be individually made invisible for better job examination.
- Automatic or interactive solutions for bending sequences, gauging, corner gauging, and tool mounting.

Better Bending

- 3D collision detection.
- User defined table for bend deduction.

Creating Programs:

- On-screen finger profile drawing.
- 3D models can be imported from ModEva RA Premium or MetaBEND.
- Direct programming.

Tools:

- Imported from ModEva RA Premium or MetaBEND.
- Created using parameters.
- Automatic tool station dimensioning and positioning.
- Tool mounts can be edited interactively.

Powerful

- Rapid solution computation.
- Almost unlimited quantity of programs and sequences.
- Smooth and fast 3D motion.
- Windows XP Pro Compact for multitasking and file management.

Extra Available Options

- Importing DXFs with folding information.
- Automatic tool selection.
- Automatic tool station segmentation.

Cybelec DNC 600 S 2D

Easy Operating

- Ergonomic
- Large, vivid and high-contrast 9,4" screen
- 2D Graphic representation of the part, including gauging points
- Clear display of all the information the operator needs
- Rapid data input with the ergonomic keyboard equipped with large keys
- User-friendly
- Complete programming of parts in a single page
- Intuitive and quick set-up of the machine with direct access to set-up parameters in the Easy Bend page
- Contextual help and warning pop-up
- Simple pages

Powerful

- All basic functions available e.g.
- 2D Graphic L-alpha programming
- External or internal flange dimension calculation
- Automatic calculation of the top dead centre
- Deep integration with safety systems (messages, popup)
- EC safety-cycle management
- Great service features
- Internal backup of the machine data for immediate on site service/diagnostic
- Easy communication
- Connection to your PC / notebook via RS 232
- Updating and data back-up
- Back-up software included
- Over 20 languages available



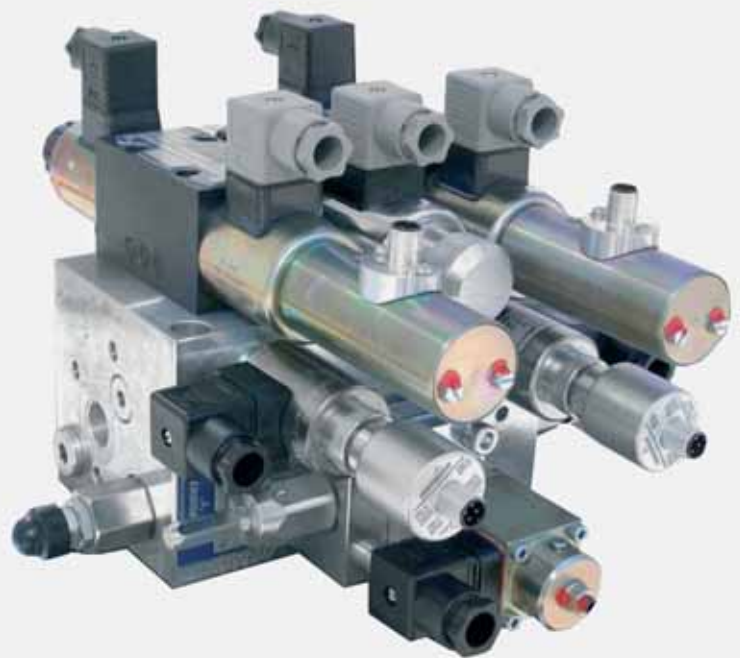
Better Bending

- Higher productivity with the 2D graphic display and the easy and rapid modifications of existing products
- Very fine tuning through extensive machine parameters
- Programs can be linked together to create a very high number of sequences

Standard & Optional Equipments

Standard Equipments

- *Standard 3 Axes (Y1, Y2, X) Manual R Axis*
- *Cybelec DNC 600 S 2D graphical
Cybelec DNC 60 numerical controller*
- *Hoerbiger hydraulic system*
- *Photocell (Cat.04) rear guard*
- *Side guards with switch*
- *Eurostamp top and bottom tool system 85°*
- *Promecam quick release clamping system*
- *Front sliding support system with flip stop*
- *Portable control panel for operator*
- *Foot pedal confirming EC regulation*
- *Emergency stops*
- *Electrical cabinet confirming EC regulation*
- *Manual crowning (300 TN machines)*
- *Motorized crowning
(400 TN and over 6 meter machines)*



Hoerbiger Hydraulic Block

Optional Equipments

- Delem DA-56 2D Graphical Controller
- Sick C4000 Light Curtain
- AKAS LASER SAFETY IILC2000 Laser Finger Protection (obligatory for EC regulation)
- Hydraulic Top and Bottom Clamping System
- Manual Crowning
- CNC Controlled Motorized Crowning (C Axis)
- Hydraulic Crowning
- Oil Cooler
- Oil Heater
- Wila Hydraulic/Mechanical Clamping System
- Rear Guard Doors
- Additional Backgauge Finger blocks and Support Arm
- Please contact us for more options



Manual Crowning



Motorized Crowning



Sick Front Light Guard



Laser Safe Front Guard



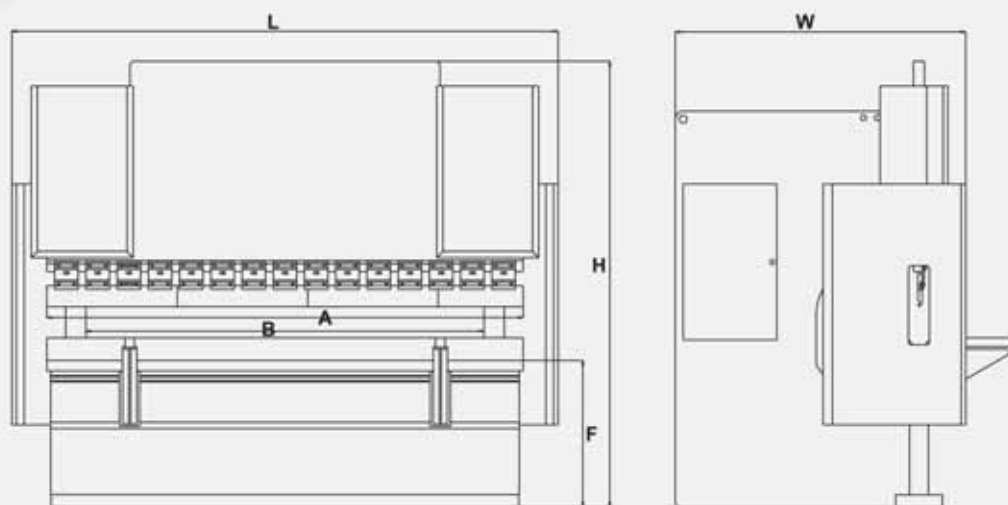
Akas Laser Safe



Hydraulic Clamping System

Technical Specifications

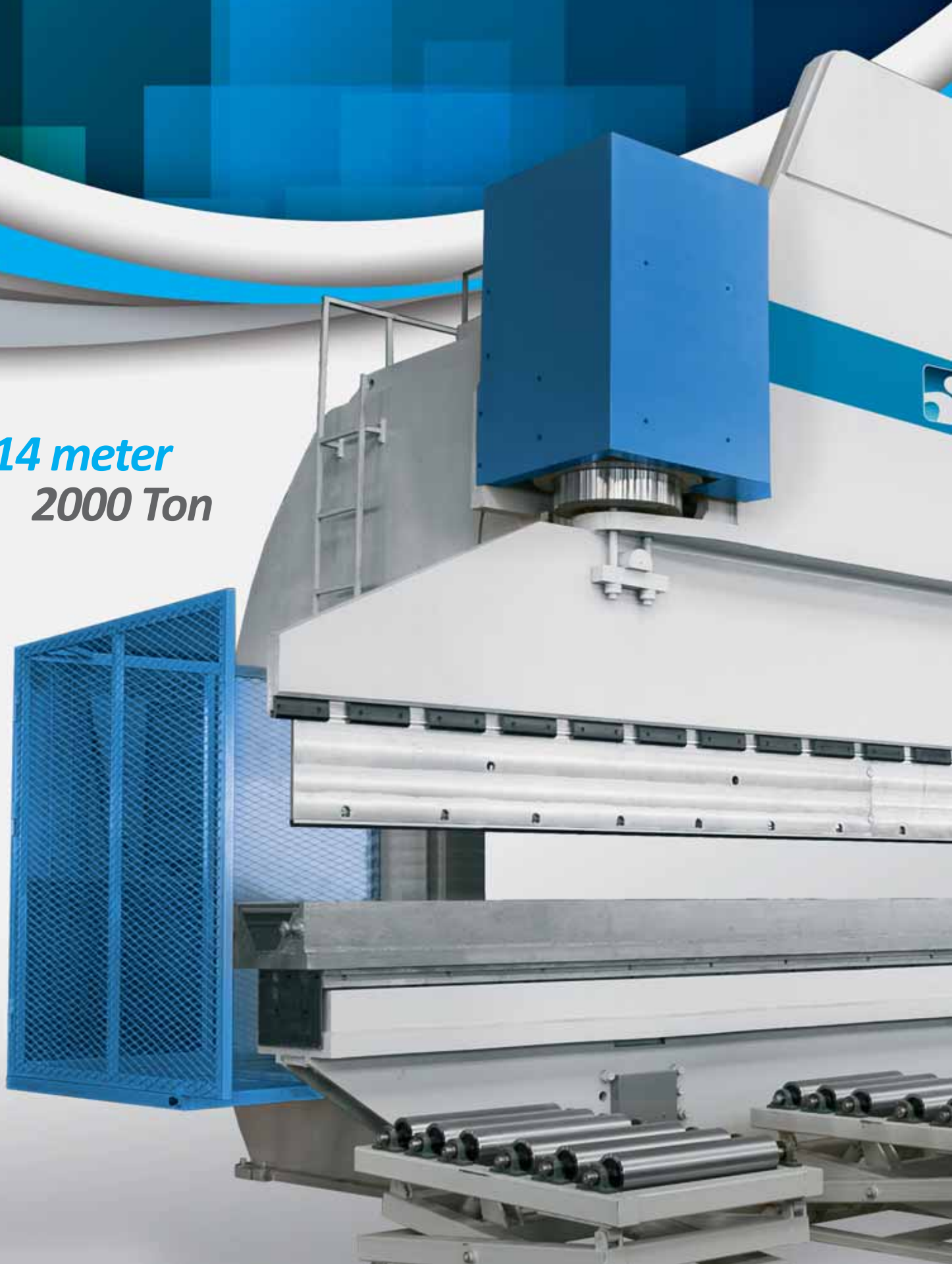
Code	BENDING LENGTH	BENDING POWER	DISTANCE BETWEEN COLUMNS	Y RAPID SPEED	Y WORKING SPEED *	Y RETURN SPEED	CROWNING	TRAVEL IN X AXIS	SPEED OF X AXIS	BACKGAUGE FINGER BLOCKS
	A		B							
	mm	Ton	mm	mm/s	mm/s	mm/s		mm	mm/s	Amount
P-HAP.40.15/12	1550	40	1250	120	12,9	130	-	430	500	2
P-HAP.40.20/17	2000	40	1700	120	12,9	130	-	430	500	2
P-HAP.70.20/17	2000	70	1700	120	10,5	130	-	650	500	2
P-HAP.70.25/22	2500	70	2200	120	10,5	130	-	650	500	2
P-HAP.100.25/22	2550	100	2200	120	9,1	130	-	650	500	2
P-HAP.120.30/25	3050	120	2550	120	8,0	125	-	650	500	2
P-HAP.120.36/31	3600	120	3100	120	8,0	125	-	650	500	3
P-HAP.120.40/31	4050	120	3100	120	8,0	125	-	650	500	3
P-HAP.170.30/25	3050	170	2550	120	8,2	100	-	650	500	2
P-HAP.170.36/31	3600	170	3100	120	8,2	100	-	650	500	3
P-HAP.170.40/31	4050	170	3100	120	8,2	100	-	650	500	3
P-HAP.225.30/25	3050	225	2550	100	7,1	95	-	650	500	2
P-HAP.225.36/31	3600	225	3100	100	7,1	95	-	650	500	3
P-HAP.225.40/31	4050	225	3100	100	7,1	95	-	650	500	3
P-HAP.300.30/26	3050	300	2600	100	7,3	95	Manual	650	500	2
P-HAP.300.36/31	3600	300	3100	100	7,3	95	Manual	650	500	3
P-HAP.300.40/36	4050	300	3600	100	7,3	95	Manual	750	350	3
P-HAP.300.60/41	6050	300	4100	100	7,3	95	Motorized	750	350	3
P-HAP.435.36/31	3600	435	3100	80	6,8	70	Motorized	750	350	3
P-HAP.435.40/36	4050	435	3600	80	6,8	70	Motorized	750	350	3
P-HAP.435.61/51	6100	435	5100	80	6,8	70	Motorized	750	350	3
P-HAP.540.30/25	3050	540	2500	80	6,8	70	Motorized	750	350	2
P-HAP.540.40/36	4050	540	3600	80	6,7	78	Motorized	750	350	3
P-HAP.540.61/51	6100	540	5100	80	6,7	78	Motorized	750	350	3
P-HAP.540.81/61	8100	540	6100	80	6,7	78	Motorized	750	350	3
P-HAP.640.61/51	6100	640	5100	80	7,3	70	Motorized	750	350	3
P-HAP.640.81/61	8100	640	6100	80	7,3	70	Motorized	750	350	3
P-HAP.800.61/51	6100	800	5100	80	7,2	78	Hydraulic	750	350	4
P-HAP.800.81/61	8100	800	6100	80	7,2	78	Hydraulic	750	350	4
P-HAP.1000.61/51	6100	1000	5100	80	7,2	86	Hydraulic	1000	300	4
P-HAP.1000.81/61	8100	1000	6100	80	7,2	86	Hydraulic	1000	300	4
P-HAP.1250.81/61	8100	1250	6100	80	5,9	78	Hydraulic	1000	300	4
P-HAP.1250.101/81	10100	1250	8100	80	5,9	78	Hydraulic	1250	300	4
P-HAP.1250.121/91	12100	1250	9100	80	5,9	78	Hydraulic	1250	300	4
P-HAP.1500.81/61	8100	1500	6100	80	5,9	85	Hydraulic	1000	300	4
P-HAP.1500.101/81	10100	1500	8100	80	5,9	85	Hydraulic	1250	300	4
P-HAP.1500.121/91	12100	1500	9100	80	5,9	85	Hydraulic	1250	300	4
P-HAP.2000.121/91	12100	2000	9100	80	5,7	75	Hydraulic	1250	300	4
P-HAP.2000.142/102	14200	2000	10200	80	5,7	75	Hydraulic	1250	300	4



NUMBER OF SHEET SUPPORT (Sliding front arms)	OIL CAPACITY	MOTOR POWER	STROKE	DAYLIGHT	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	LENGTH	HEIGHT	WIDTH	WEIGHT
			C	D	E	F	G	L	H	W	
Amount	lt.	kW	mm	mm	mm	mm	mm	mm	mm	mm	kg.
2	40	4	150	350	210	800	90	1950	1870	1000	2800
2	55	4	150	350	210	800	90	2400	1870	1000	3600
2	65	5,5	185	400	310	800	110	2450	2000	1200	5100
2	80	5,5	185	400	310	800	110	2950	2020	1200	5500
2	80	7,5	185	400	310	850	110	3000	2200	1200	6000
2	120	7,5	185	400	310	850	140	3500	2250	1290	7100
3	150	7,5	185	400	310	900	140	4050	2500	1290	8200
3	150	7,5	185	400	310	900	140	4500	2500	1290	9100
2	150	11	215	410	360	870	170	3500	2400	1500	8900
3	180	11	215	410	360	920	170	4050	2600	1500	10200
3	180	11	215	410	360	920	170	4500	2600	1500	11000
2	180	15	265	480	360	880	250	3520	2620	1700	11000
3	220	15	265	480	360	930	220	4070	2820	1700	12200
3	220	15	265	480	360	930	220	4520	2820	1700	13400
2	220	18,5	265	500	410	960	360	3520	2830	1900	14300
3	260	18,5	265	500	410	1010	360	4070	3030	1900	16000
3	260	18,5	265	500	410	1010	360	4520	3130	1900	17000
3	260	18,5	265	500	510	1010	360	4500	3130	1900	27500
3	260	22	265	550	510	1010	400	4150	3110	2150	19500
3	260	22	265	550	510	1010	400	4600	3310	2150	21500
3	260	22	265	550	510	900	400	6650	3500	2150	36000
2	260	22	265	550	510	880	250	3520	3500	1700	22500
3	300	30	315	600	510	1010	400	4600	3360	2250	26000
3	300	30	315	600	510	900	400	6650	3750	2250	40500
3	300	30	315	600	510	900	400	8650	3850	2250	50000
3	360	37	365	650	610	900	500	6650	3800	2550	45000
3	360	37	365	650	610	900	500	8650	4100	2550	56000
4	480	45	365	650	610	900	500	6750	3900	2650	56000
4	480	45	365	650	610	900	500	8750	4100	2650	65000
4	600	55	365	650	760	900	500	6750	4100	3000	63000
4	600	55	365	650	760	900	500	8750	4200	3000	82000
4	600	55	365	650	760	900	500	8750	4400	3200	94000
4	600	55	365	650	760	900	500	10750	4600	3200	125000
4	600	55	365	650	760	900	500	12750	4900	3200	150000
4	750	75	365	650	810	900	500	8750	4600	3400	115000
4	750	75	365	650	810	900	500	10800	4900	3400	145000
4	750	75	365	650	810	900	500	12800	5100	3400	180000
4	1000	90	365	650	1010	900	500	12800	5600	3600	220000
4	1000	90	365	650	1010	900	500	15000	5600	3600	260000

Heavy Duty Press Brakes

*14 meter
2000 Ton*





Special Tandem Applications

CNC Hydraulic Guillotine Shears

- *Real Innovation,*
- *High Quality, High Performance
and Good Price,*
- *User Friendly Control Unit,*
- *Monoblock, Steel Welded Construction,*
- *High Precious Cuttings,*



General Specifications;

Inanlar AHGM variable rake angle hydraulic guillotine shear has strong structure and easy usage. Automatic blade gap, rake angle and backgauge position adjustment are done by CNC controller according to thickness of material and any type of sheet material can be cut with best quality.

Machines can be easily controlled by Cybelelec Cybtouch-6 touch screen controller.



Standart & Optional Equipments

Standard Equipments

- High quality and hardened blades with 4 cutting edges
- Cybelelec Cybtouch-6 touch screen CNC Controller
- CNC controlled blade gap, rake angle adjustment
- CNC Controlled motorized backgauge
- 1 meter squaring arm with inch and metric ruler
- 1 meter Front support arms
- Cutting line illumination
- Emergency Stops
- Front table with rolls
- Back sliding sheets



Optional Equipments

- *Pneumatic sheet support system for thin materials*
- *Angular gauge*
- *Longer front support arms*
- *Laser cutting line*
- *Anti-twist system*
- *Light guard for finger protection*
- *Front sheet feeding system*
- *Conveyor*
- *Stacking system*
- *Blades for stainless steel cutting*
- *X1, X2 adjustable angle backgauge system*
- *Oil cooler*



Pneumatic Sheet Support System



Angle Adjustable Gauge



Special Front Feeding System

Controller

CybeleC Cybtouch-6 Controller

Easy Operating

- **User-friendly:**
 - Large colour touch screen for an intuitive programming.
 - Complete programming of parts in seconds.
 - Quick set up of the machine thanks to the EasyCut page.
 - Contextual help and warning pop-up.
 - Simple pages.
- **Comfortable:**
 - Large, vivid and high-contrast screen.
 - Clear display of all information the operator needs.
 - Rapid data input thanks to the ergonomic software with large keys.

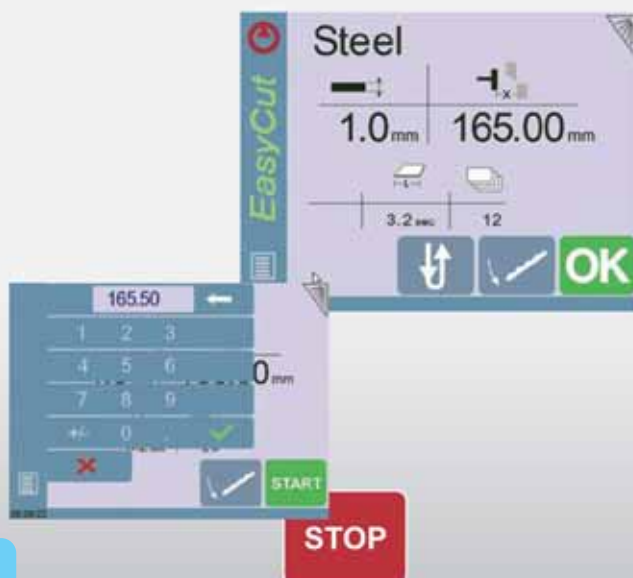


Better Cutting

- Automatic calculations of the shear functions upon material specifications.
- Large cutting sequences and programs can be memorized.

Powerful

- **Extended available functions e.g.:**
 - Automatic blade gap.
 - Automatic cutting angle.
 - Automatic cutting length.
 - Automatic backgauge correction.
 - Automatic backgauge foldaway.
- **Easy communication:**
 - Connection to your PC/notebook for comfortable software updating and data back-up.
- **Over 10 languages available.**



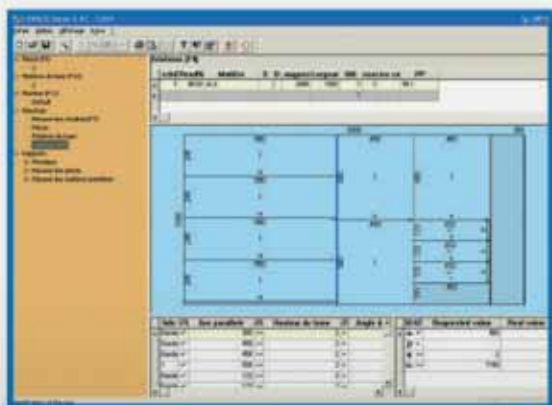
CybeleC DNG 61G Controller

Easy Operating

- **Comfortable:**
 - Large, vivid and high contrast screen.
 - Clear display of all the information the operator needs
 - Rapid data input thanks to the ergonomic software with large keys.
- **User-friendly:**
 - Complete programming of a part from a single page
 - Easy cut page
 - Simple pages

Better Cutting

- Can be linked to an Optimisation Cutting Program via RS232.
The parts layout shown on the PC in graphic mode and each cut is displayed in real time as the cutting dimensions are sent to the DNC.
- Automatic calculations of the shear functions upon material specifications.
- Complicated cutting sequences can be memorized.

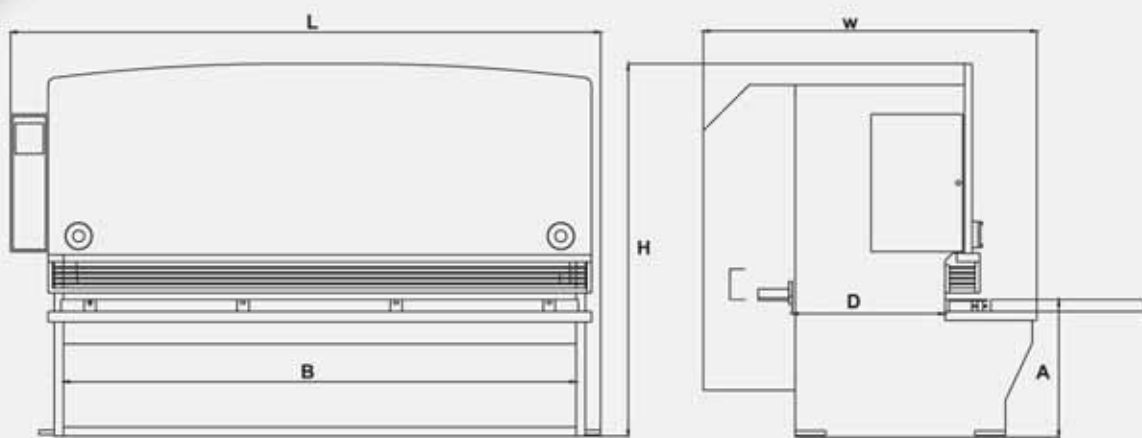


Powerful

- Extended available functions e.g.:
 - Automatic blade gap.
 - Automatic cutting angle.
 - Automatic cutting length.
 - Automatic backgauge correction.
 - Automatic backgauge foldaway.
- Easy communication:
 - Connection to your PC / notebook via RS 232 for comfortable software updating and data backup
 - Backup soft ware
- Over 10 languages available.

Technical Specifications

TYPES	CUTTING LENGTH	CUTTING CAPACITY	CUTTING CAPACITY	CUTTING ANGLE	STROKE PER MINUTE	NUMBERS OF HOLD DOWNS	MAIN MOTOR	BACK GAUGE MOTOR	BACK GAUGE STROKE
	mm	mm	mm	Deg.	Str./min	Pcs.	kW	kW	D mm
AHGM 3006	3030	6	4	0,7 - 2,4	17,0	14	11	0,75	600
AHGM 3008	3030	8	5	0,7 - 2,0	14,5	14	15	0,75	600
AHGM 3010	3030	10	6	0,7 - 2,7	11,0	14	15	1,1	750
AHGM 3013	3030	13	8	0,7 - 2,7	7,5	14	18,5	1,1	750
AHGM 3016	3030	16	10	0,7 - 3,0	6,6	14	30	1,1	1000
AHGM 3020	3030	20	12	0,7 - 3,2	4,8	14	37	1,1	1000
AHGM 3025	3030	25	15	0,7 - 3,2	4,6	14	55	1,1	1000
AHGM 4006	4030	6	4	0,7 - 2,4	13,5	18	11	0,75	600
AHGM 4008	4030	8	5	0,7 - 2,0	12,0	18	15	0,75	600
AHGM 4010	4030	10	6	0,7 - 2,7	10,8	18	15	1,1	750
AHGM 4013	4030	13	8	0,7 - 2,7	6,0	18	18,5	1,1	750
AHGM 4016	4030	16	10	0,7 - 3,0	5,3	18	30	1,1	1000
AHGM 4020	4030	20	12	0,7 - 3,2	3,7	18	37	1,1	1000
AHGM 4025	4030	25	15	0,7 - 2,4	4,5	18	55	1,1	1000
AHGM 6006	6050	6	4	0,7 - 1,5	12,5	24	15	1,1	750
AHGM 6010	6050	10	6	0,7 - 2,4	10,6	24	18,5	1,1	1000
AHGM 6013	6050	14	8	0,7 - 2,4	4,0	24	22	1,1	1000
AHGM 6016	6050	16	10	0,7 - 2,4	4,3	24	30	1,1	1000
AHGM 6020	6050	20	12	0,7 - 2,4	3,3	24	37	1,1	1000
AHGM 6025	6050	25	15	0,7 - 2,4	3,2	24	55	1,1	1000



OIL CAPACITY	BLADE GAP ADJUSTMENT	BACK GAUGE SPEED	NUMBER OF SHEET SUPPORT ARM	TABLE HEIGHT	DISTANCE BETWEEN COLUMNS	WIDTH	LENGTH	HEIGHT	WEIGHT
lt.	mm	mm/s	pcs.	A mm	B mm	W mm	L mm	H mm	tone
150	0,05 - 0,6	110	2	900	3250	2350	3700	1800	6500
200	0,05 - 0,6	110	2	900	3250	2350	3700	1800	7500
200	0,05 - 0,8	110	2	900	3250	2600	3700	2000	9100
250	0,05 - 0,8	110	2	900	3300	2660	3750	2100	11000
400	0,1 - 1,2	110	3	900	3350	2780	3800	2350	16500
450	0,1 - 1,5	110	3	900	3350	2900	3850	2500	20000
700	0,15 - 1,8	110	3	1000	3400	3000	3850	2600	26000
150	0,05 - 0,6	110	3	950	4300	2550	4800	2000	10900
200	0,05 - 0,6	110	3	950	4250	2550	4800	2000	12200
200	0,05 - 0,8	110	3	900	4250	2700	4700	2200	14500
250	0,05 - 0,8	110	3	900	4300	2750	4750	2300	16750
400	0,1 - 1,2	110	3	1000	4350	2800	4800	2500	22500
450	0,1 - 1,5	110	3	1000	4400	2800	4850	2600	26250
700	0,15 - 1,8	110	3	1100	4400	2900	4850	2800	38000
200	0,05 - 0,6	110	4	1000	6300	2750	6800	2200	22100
250	0,05 - 0,8	110	4	920	6400	3250	6850	2250	26200
270	0,05 - 1,0	110	4	1000	6400	3250	6850	2400	30000
400	0,1 - 1,4	110	4	1100	6400	3500	6900	2700	38000
450	0,1 - 1,6	110	4	1130	6400	3600	7000	2750	50000
700	0,15 - 2,0	110	4	1260	6500	3500	7000	3200	65000

Heavy Duty Shears



INANLAR heavy duty shears allow you to work with maximum capacity of your company with perfect configuration.

12 meter
13 mm



IMS Series, Electromechanical Shears

General Features

IMS Series electromechanical shear has been designed for cutting of sheet metal, plastic materials.

IMS Series meets thin and accurate cuttings. It provides effective and economical solutions to users.

3 mm Series

Standard Specifications

- Burel NC controller
- 560 mm Manual backgauge
- Squaring arm with ruler
- Foot pedal
- Front support arms
- Collapsible front finger protection guard

3 mm Series

Optional Equipments

- Elgo NC controller
- Angle Gauge
- Cutting area illumination
- Cutting Counter
- Safety Module
- 750 mm Motorized backgauge



4 mm Series

Standard Specifications

- Burel NC controller
- Cutting Counter
- 750 mm Motorized backgauge
- Squaring arm with ruler
- Foot pedal
- Front support arms
- Collapsible front finger protection guard

4 mm Series

Optional Equipments

- Elgo NC controller
- Angle Gauge
- Cutting area illumination
- Safety Module
- Pneumatic sheet support system



Code	Cutting Capacity	Cutting Length	Cutting Angle	Cutting Stroke	Main Engine	Table Height	Table Width	Backgauge Stroke	Height	Length	Width	Approx Weight
	mm	mm	o	1/min	kW	mm	mm	mm	mm	mm	mm	kg
IMS 1550x3	1550	3	2°10'	34	4	780	400	560	1250	2080	1380	1550
IMS 2050x3	2050	3	1°60'	34	4	780	400	560	1250	2580	1380	1800
IMS 2050x4	2050	4	1°30'	42	7,5	830	450	750	1380	2700	1780	3150
IMS 2550x4	2550	4	1°30'	42	7,5	830	450	750	1380	3200	1780	3600
IMS 3050x4	3050	4	1°30'	42	7,5	830	450	750	1380	3700	1780	4000

CNC Plasma Cutting Machines

General Specifications

- Hypertherm/Kjellberg high precision plasma power supply
- Windows based CNC control unit
- Automatic nesting software
- Automatic torch clearance control system
- 3D collision protection system
- Automatic exhaust suction system for plasma cutting
- Cutting table with higher burden capacity for oxy cutting
- Accurate servo controlled motors on the “Y” and “X” axis
- Durable elevator rails on the “Y” axis
- Accurate grinded steel linear rail guides
- Suitable bridge for multiple oxy torch applications
- CNC unit can be mounted on the bridge on request.
- Alternative Hypertherm plasma sources 130A, 260A, 400A

HyperPerformance Plasma
HPR130XD





*Inanlar Company IPL series
plasma cutting machine
offers all the features
expected from a gantry machine.*

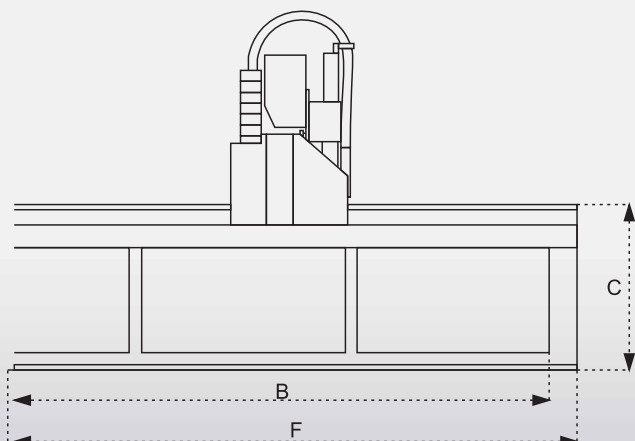
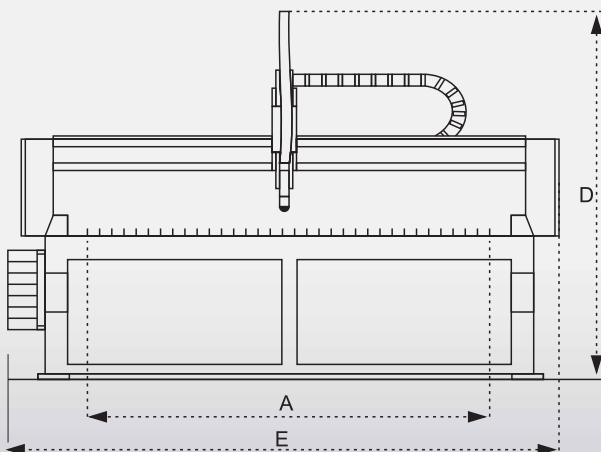
Technical Specifications

Standard Equipments

- Hypertherm HPR 130xd Plasma source
- Automatic height control
- ESA 505 S controller
- Metalix soft with automatic nesting
- Hypertherm manual gas console
- AC Servo motorized driven gear box
- Automatic opening suction zones on the table

Optional Equipments

- Hypertherm HPR 260xd plasma source
- Hypertherm HPR 400xd plasma source
- Kjellberg Hi Focus 130i plasma source
- Kjellberg Hi Focus 280i plasma source
- Kjellberg Hi Focus 360i plasma source
- Hyperther True-Hole technology for hole cutting
- Kjellberg Contour-Cut technology for hole cutting
- Automatic gas console
- Dust filter
- Messer oxy cut torch
- Additional plasma torches
- Multiple bridge applications depending on request of customer



			1500 x 3000	1500 x 6000	2000 x 6000	2000 x 12000	2500 x 8000	2500 x 14000	3000 x 6000	3000 x 12000	3500 x 8000	3500 x 14000	4000 x 8000	4000 x 14000	4000 x 20000
WORKING WIDTH	A	mm	1500	1500	2100	2000	2500	2000	3000	3000	3000	3500	4000	4000	4000
TOTAL WIDTH	B	mm	2500	2900	2900	3900	3300	3900	4400	4400	4400	4300	5500	5500	5500
TOTAL HEIGHT	C	mm	2280	2280	2260	2280	2260	2280	2280	2280	2280	2280	2280	2280	2280
INTER GAP	D	mm	250	250	250	250	250	250	250	250	250	250	250	250	250
TORCH DISTANCE	E	mm	0-200	0-200	0-200	0-200	0-200	0-200	0-200	0-200	0-200	0-200	0-200	0-200	0-200
WORKING LENGTH		mm	3000	6000	6000	12000	8000	14000	6000	12000	8000	14000	8000	14000	20000
TABLE HEIGHT		mm	900	900	900	900	900	900	900	900	900	900	900	900	900
SPEED		m/min	35	35	35	35	35	35	35	35	35	35	35	35	35
MACHINE AXIS		-	X, Y, Z												
REPETITION ACCURACY		mm	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1
POSITIONING ACCURACY		mm	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05
PLASMA CUTTING UNIT		-	HiFocus 130 or Hyperterm HPR130XD (with manual gas console)												
TORCH HEIGHT CONTROL		-	Automatic												
CUTTING CAPACITY MILD STEEL		mm	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38
ELECTRICITY			400V, 50Hz, 6 bar clean & Dry air												
WEIGHT		kg	2.800	3.300	3.400	7.300	7.000	8.900	6.000	13.000	12.000	16.500	13.900	17.300	19.700



inanlar
sheet metal working machinery



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