

# INTERSEC

MAKİNA SANAYİ ve TİCARET A.Ş.

# ALL PRODUCTS CATALOG

PRESS BRAKE

SHEAR CUTTING

HYDRUALIC PRESS

PLASMA CUTTING

MACHINES



[WWW.INTERSEC.COM.TR](http://WWW.INTERSEC.COM.TR)





MAKİNA SANAYİ ve TİCARET A.Ş.

## ABOUT US

InterSec Machinery has more than 35 years combined experience in production of high-quality metal fabrication machines. Production of our company consists of sheet metal working machines; press brakes, guillotine shears, hydraulic press and plasma cutting machines. Our products are designed for reliable and precise production.

Our target is to supply best solution for long term cooperation to our partners all around the world. InterSec Machinery has professional and highly experienced Technical and R&D team to offer the best solutions to its customers.

InterSec Machinery offers the best and fastest service to its partners with its professional service team and spare part stocks. Quality and service support is accepted as principle of our company.

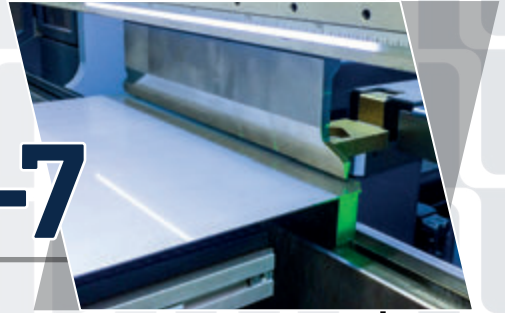


# CONTENT

**PRESS BRAKE**

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**SHEAR CUTTING**

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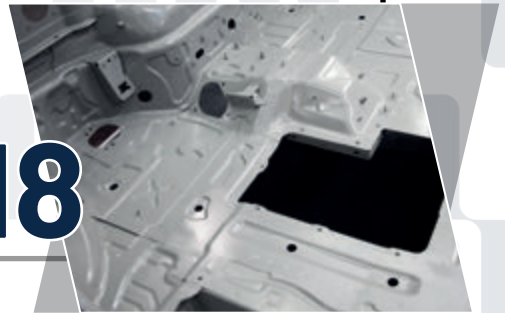
**8-13**



**HYDRAULIC PRESS**

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**PLASMA CUTTING**

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**20-27**



# I-SEC PB

PRESS BRAKE



## CROWNING

Hand operated bed crowning system ensures even angles along the full length of the bed and can be upgraded to CNC controlled bed crowning on request.

## HYDRAULICS

State of the art Hoerbieger hydraulics with servo proportional valves, honed and chrome covered cylinders with precision ground pistons with high quality seals ensure decades of trouble-free operation.

## REMOTE DIAGNOSTICS

All NexT controls are equipped with remote diagnostic feature and in the unlikely event of an issue, our engineers can remotely connect to your machine and diagnose any issues you might have.

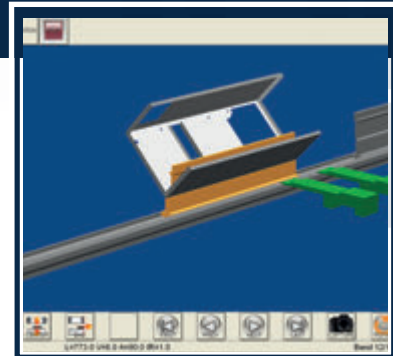
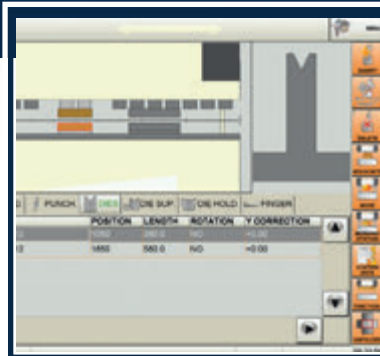
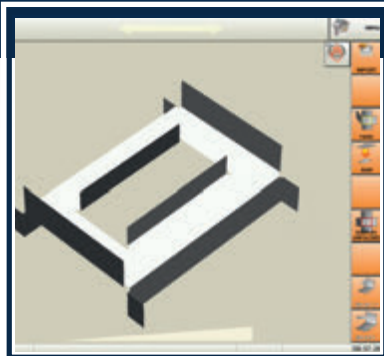
# STANDARD & OPTIONAL EQUIPMENTS

## STANDARD EQUIPMENTS

- Rigid frame designed on SolidWorks with stress and deflection analysis, welded by certified welders and machined to 0,01 mm precision in single piece.
- NexT 2.0 15" 2D graphic touchscreen control.
- Dependable servo hydraulic system provided by Hoerbieger.
- Honed, chrome covered cylinders with high precision ground pistons
- Y1-Y2 synchronized hydraulic cylinders running on dual ram guides on each side for smooth ascend and descend.
- 2 axis backgauge (X,R) running on ballscrews with servo motors to easily gauge parts.
- European and/or American style punch clamps
- European die holder with quick change mechanism.
- Full length precision ground and hardened punch and 4V die set.
- Manual crowning of die bed for even angles along full length of bend.
- High stroke and daylight for deep box/panel bending.
- 500 mm throat depth to utilize full length and deep bends.
- High resolution linear scales with an accuracy of 0,01 mm for precise bending.
- Front support arms sliding on linear guides to easily gauge small parts.

## OPTIONAL EQUIPMENTS

- Front laser guards for finger protection.
- Automatic crowning of die bed for even angles along full length of bend.
- Custom design throat, stroke and daylight.
- Large selection of punches and dies.
- Tandem Preparation
- Automatic Lubrication System



Whether you want to form a part by air bending, bottoming or hemming, advanced angle calculation formula, precise servo hydraulic system and electronic linear scales ensure you get the right part every time.

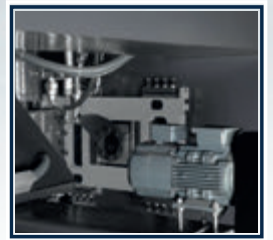
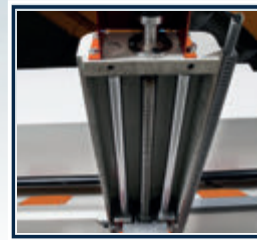
TYPE	BENDING LENGTH	BENDING TONNAGE	STROKE	DAYLIGHT	DISTANCE BETWEEN FRAMES	Y AXIS FREEFALL SPEED	BENDING SPEED	Y AXIS RETURN SPEED	X AXIS STROKE
	A		I	J	B				
	mm	Ton	mm	mm	mm	mm sec	mm sec	mm sec	mm
I-SEC PB 1250-40	1250	40	140	380	1050	180	10	160	800
I-SEC PB 1250-60	1250	60	180	420	1050	180	10	160	800
I-SEC PB 1300-40	1300	40	140	420	1050	180	10	160	800
I-SEC PB 1550-40	1550	40	140	380	1250	180	10	160	800
I-SEC PB 1550-60	1550	60	180	420	1250	180	10	160	800
I-SEC PB 1550-100	1550	100	280	520	1250	180	10	160	800
I-SEC PB 2100-40	2100	40	140	380	1650	180	10	160	800
I-SEC PB 2100-60	2100	60	180	420	1650	180	10	160	800
I-SEC PB 2100-100	2100	100	280	520	1650	180	10	160	800
I-SEC PB 2100-135	2100	135	280	520	1650	180	10	160	800
I-SEC PB 2100-175	2100	175	280	520	1650	180	10	160	800
I-SEC PB 2600-60	2600	60	180	420	2100	180	10	160	800
I-SEC PB 2600-100	2600	100	280	520	2100	180	10	160	800
I-SEC PB 2600-135	2600	135	280	520	2100	180	10	160	800
I-SEC PB 2600-175	2600	175	280	520	2100	180	10	160	800
I-SEC PB 3100-100	3100	100	280	520	2550	180	10	160	800
I-SEC PB 3100-135	3100	135	280	520	2550	180	10	160	800
I-SEC PB 3100-175	3100	175	280	520	2550	180	10	160	800
I-SEC PB 3100-220	3100	220	280	520	2550	180	10	160	800
I-SEC PB 3100-270	3100	270	300	540	2550	180	10	160	800
I-SEC PB 3100-300	3100	300	300	540	2550	180	10	160	800
I-SEC PB 3100-400	3100	400	330	590	2550	120	10	160	800
I-SEC PB 3700-135	3700	135	280	520	3100	180	10	160	800
I-SEC PB 3700-175	3700	175	280	520	3100	180	10	160	800
I-SEC PB 3700-220	3700	220	280	520	3100	180	10	160	800
I-SEC PB 3700-300	3700	300	300	540	3100	180	10	160	800
I-SEC PB 3700-400	3700	400	330	590	3100	120	10	100	800
I-SEC PB 4100-100	4100	100	280	520	3550	180	10	160	800
I-SEC PB 4100-135	4100	135	280	520	3550	180	10	160	800
I-SEC PB 4100-175	4100	175	280	520	3550	180	10	160	800
I-SEC PB 4100-220	4100	220	280	520	3550	180	10	160	800
I-SEC PB 4100-270	4100	270	300	540	3550	180	10	160	800
I-SEC PB 4100-300	4100	300	300	540	3550	180	10	160	800
I-SEC PB 4100-400	4100	400	330	590	3550	100	8	100	800
I-SEC PB 4270-135	4270	135	280	520	3550	180	10	160	800
I-SEC PB 4270-175	4270	175	280	520	3550	180	10	160	800
I-SEC PB 4270-220	4270	220	280	520	3550	180	10	160	800
I-SEC PB 4270-300	4270	300	300	540	3550	180	10	160	800
I-SEC PB 4270-400	4270	400	330	590	3550	100	8	100	800
I-SEC PB 5100-220	5100	220	280	520	4100	180	10	160	800
I-SEC PB 5100-270	5100	270	300	540	4100	180	10	160	800
I-SEC PB 5100-300	5100	300	300	540	4100	110	9	110	800
I-SEC PB 5100-400	5100	400	330	590	4100	100	8	100	800
I-SEC PB 6100-220	6100	220	280	520	5100	120	10	120	800
I-SEC PB 6100-270	6100	270	300	540	5100	110	9	110	800
I-SEC PB 6100-300	6100	300	300	540	5100	110	9	110	800
I-SEC PB 6100-400	6100	400	330	590	5100	100	8	100	800

R AXIS STROKE	X AXIS SPEED	R AXIS SPEED	MAIN MOTOR	OIL TANK	TRANSPORT DIMENSIONS			INSTALLED WIDTH	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	WEIGHT
					L	D	G					
mm	mm sn	mm sn	kW	lt.	mm	mm	mm	mm	mm	mm	mm	kg.
250	500	170	5,5	100	2050	1950	2350	2100	300	860	90	3100
250	500	170	7,5	100	2250	2100	2350	2250	400	860	90	3650
250	500	170	5,5	100	2250	1950	2200	2100	300	860	90	3150
250	500	170	5,5	100	2400	1950	2200	2100	300	860	90	3300
250	500	170	7,5	100	2430	2100	2350	2250	400	860	90	4100
250	500	170	11	250	2550	1750	2830	2250	500	860	90	5750
250	500	170	5,5	100	2800	1950	2200	2100	300	860	90	4050
250	500	170	7,5	100	2820	2100	2350	2250	400	860	90	4400
250	500	170	11	250	3020	1750	2830	2250	500	860	90	6350
250	500	170	11	250	3050	1750	2830	2250	500	860	90	6970
250	500	170	15	250	3070	1850	2900	2300	500	930	90	7650
250	500	170	7,5	100	3350	2100	2350	2250	400	860	90	5250
250	500	170	11	250	3450	1750	2830	2250	500	860	90	7250
250	500	170	11	250	3450	1750	2830	2250	500	860	90	7750
250	500	170	15	250	3490	1850	2900	2300	500	930	90	8750
250	500	170	11	250	3900	1750	2830	2250	500	860	90	7850
250	500	170	11	250	3900	1750	2830	2250	500	860	90	8100
250	500	170	15	250	3950	1850	2960	2300	500	930	90	9850
250	500	170	15	250	3950	1850	2960	2300	500	930	90	11250
250	500	170	22	250	4000	2100	3050	2600	500	930	120	14100
250	500	170	22	250	4000	2100	3050	2600	500	930	120	14750
250	500	170	30	400	4050	2250	3300	2800	600	1030	120	19950
250	500	170	11	250	4450	1750	2830	2250	500	860	90	9150
250	500	170	15	250	4500	1850	2960	2300	500	930	90	11650
250	500	170	15	250	4500	1850	2960	2300	500	930	90	12750
250	500	170	22	250	4550	2100	3050	2600	500	930	120	15850
250	500	170	30	400	4600	2250	3300	2800	600	1030	120	21650
250	500	170	11	250	4900	1750	2830	2250	500	860	90	9250
250	500	170	11	250	4900	1750	2830	2250	500	860	90	9950
250	500	170	15	250	4950	1850	2960	2300	500	930	90	12250
250	500	170	15	250	4950	1850	2960	2300	500	930	90	13750
250	500	170	22	250	5000	2100	3050	2600	500	930	120	16150
250	500	170	22	250	5000	2100	3050	2600	500	930	120	16450
250	500	170	30	400	5100	2250	3300	2800	600	1030	120	22750
250	500	170	11	250	4900	1750	2830	2250	500	860	90	10350
250	500	170	15	250	4950	1850	2960	2300	500	930	90	12800
250	500	170	15	250	4950	1850	2960	2300	500	930	90	13950
250	500	170	22	250	5000	2100	3050	2600	500	930	120	17100
250	500	170	30	400	5100	2250	3300	2800	600	1030	120	23350
250	500	170	15	250	5950	1850	3050	2300	500	1050	90	17550
250	500	170	22	250	5950	2100	3200	2600	500	1050	120	20050
250	500	170	22	250	5890	2100	3200	2700	500	1050	120	21200
250	500	170	30	400	5950	2250	3400	2800	600	1100	120	27250
250	250	250	15	250	6850	1900	3050	2300	500	1050	120	20350
250	250	250	22	250	6890	2100	3200	2700	500	1050	120	22900
250	250	250	22	250	6890	2100	3200	2700	500	1050	120	24100
250	250	250	30	400	6950	2250	3400	2800	600	1100	120	30750

# I-SEC GS

## GUILLOTINE SHEARS

Designed and built for customers who require a dependable, swing beam type shear with a good price/ performance ratio. Simple control, automatic blade gap adjustment system, 1000 mm backgauge with swing away feature makes it an easy to run, all-around shear. Does not compromise even in 6 mm capacity model by offering a rigid frame with standard throat depth.



### AUTOMATIC LUBRICATION

Automatic lubrication system lubricates moving parts at a specified number of strokes and prolongs the life time of critical components.

### BLADE GAP AND CUTTING ANGLE

Blade gap and cutting angle are automatically adjusted when you enter the thickness of the material on Cybelec Cybtouch 8 control. Cutting stroke is also automatically adjusted when you enter the length of the plate.



TYPE	CUTTING ANGLE	CUTTING LENGTH	CUTTING CAPACITY	STROKE PER MINUTE	TRANSPORT DIMENSIONS			INSTALLED WIDTH	TABLE HEIGHT	DISTANCE BETWEEN FRAMES	NUMBER OF HOLDDOWNS	B.GAUGE MOTOR	B.GAUGE STROKE	B.GAUGE SPEED	MAIN MOTOR	OIL TANK	WEIGHT
					LENGTH	WIDTH	HEIGHT										
	(°)	mm	mm	1/min	A	E	H	F	G	C	pcs	kw	mm	mm/sn	kw	lt	kg
I-SEC GS 2606	1,5°	2600	6	16	3700	2200	1950	2800	790	2980	13	0,75	1000	200	11	200	5900
I-SEC GS 2610	2°	2600	10	13	3730	2250	2150	3000	815	2980	13	0,75	1000	200	22	300	9250
I-SEC GS 3106	1,5°	3100	6	14	4200	2200	1950	2800	790	3480	15	0,75	1000	200	11	200	6600
I-SEC GS 3110	2°	3100	10	12	4050	2250	2150	3000	815	3300	15	0,75	1000	200	22	300	9950
I-SEC GS 3113	2,2°	3100	13	11	4050	2250	2150	3000	815	3300	15	0,75	1000	200	22	300	11200
I-SEC GS 4106	1,5°	4100	6	11	5200	2200	2000	2800	790	4480	19	0,75	1000	200	11	200	8750
I-SEC GS 4110	2°	4100	10	10	5050	2250	2200	3000	815	4300	19	0,75	1000	200	22	300	12650
I-SEC GS 4113	2,2°	4100	13	9	5050	2250	2200	3000	815	4300	19	0,75	1000	200	22	300	14100

## STANDARD & OPTIONAL EQUIPMENTS

### STANDARD EQUIPMENTS

- Rigid frame designed on SolidWorks with stress and deflection analysis, welded by certified welders and machined to 0,01 mm precision in single piece.
- Hardened&Ground cutting blades in sections.( Bottom 4 sided, top 2 sided)
- Cybelec Cybtouch 8 controller with EasyCut feature.
- 1000 mm backgauge running on ballscrews.
- 1000mm squaring arm and front support arms
- Sheet sliding panels at the back
- Hoerbieger Hydraulic System
- Siemens electrical system
- Hydraulic hold downs
- Illuminated cutting line
- Automatic Blade Gap Adjustment system
- Automatic Stroke adjustment
- Automatic cutting angle
- Automatic Lubrication System

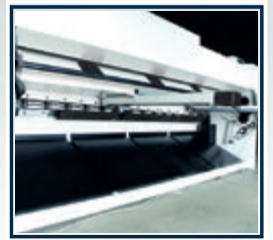
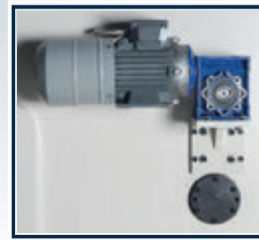
### OPTINONAL EQUIPMENTS

- Pneumatic Sheet Support System at the back (to support thin sheets during cutting)
- Sheet Conveyor and Stacking System
- Oil Cooler and Oil Heater
- Light Barriers on the front for finger protection
- Laser Cutting Line
- Front Angle Gauge for tapered cuts

# I-SEC SBS

## SWING BEAM SHEARS

Designed and built for customers who require precision and versatility from a shear. It is a heavy duty shear with a very strong, rigid frame that performs admirably both in maximum and minimum capacity thanks to its automatic cutting angle adjustment and automatic blade clearance.



### STROKE ADJUSTMENT

The other standard feature of the I-SEC SBS is Cutting Stroke Adjustment which is also automatically adjusted when you enter the length of the plate.

### CONTROLLER

User friendly touchscreen control unit lets you program your backgauge and automatically adjust the blade gap in one simple-designed working page.

# TECHNICAL SPECIFICATIONS

TYPE	CUTTING ANGLE	CUTTING LENGTH	CUTTING CAPACITY	STROKE PER MINUTE	TRANSPORT DIMENSIONS			INSTALLED WIDTH	TABLE HEIGHT	DISTANCE BETWEEN FRAMES	NUMBER OF HOLDDOWNS	B.GAUGE MOTOR	B.GAUGE STROKE	B.GAUGE SPEED	MAIN MOTOR	OIL TANK	WEIGHT
					LENGTH	WIDTH	HEIGHT										
	(°)	mm	mm	1/min	A	E	H	F	G	C	pcs	kw	mm	mm/sn	kw	lt	kg
I-SEC SBS 2606	0,5°..1,5°	2600	6	14...19	3500	2050	2020	2950	790	2980	13	0,75	1000	200	11	200	7150
I-SEC SBS 2610	0,5°..2,5°	2600	10	12...14	3600	2250	2220	3000	815	2980	13	0,75	1000	200	22	300	8250
I-SEC SBS 3106	0,5°..1,5°	3100	6	13...17	4000	2050	2020	2850	790	3480	15	0,75	1000	200	11	200	7950
I-SEC SBS 3110	0,5°..2,5°	3100	10	11...15	4050	2250	2220	3000	815	3450	15	0,75	1000	200	22	300	10750
I-SEC SBS 3113	0,5°..2,5°	3100	13	10...14	4050	2250	2290	3000	815	3450	15	0,75	1000	200	22	300	12250
I-SEC SBS 3116	0,5°..2,5°	3100	16	7...11	4150	2450	2450	3100	880	3450	15	0,75	1000	200	30	400	18250
I-SEC SBS 3120	0,5°..2,5°	3100	20	6...10	4200	2480	2700	3250	1000	3450	15	1,1	1000	200	37	500	24650
I-SEC SBS 3125	0,5°..2,5°	3100	25	4...9	4200	2480	2830	3250	1000	3450	15	1,1	1000	200	45	500	28250
I-SEC SBS 4106	0,5°..1,5°	4100	6	11...16	5000	2100	2080	2850	790	4480	19	0,75	1000	200	11	200	9750
I-SEC SBS 4110	0,5°..2,5°	4100	10	9...14	5050	2250	2320	3000	815	4450	19	0,75	1000	200	22	300	13750
I-SEC SBS 4113	0,5°..2,5°	4100	13	8...13	5050	2250	2340	3000	815	4450	19	0,75	1000	200	22	300	15450
I-SEC SBS 4116	0,5°..2,5°	4100	16	6...11	5150	2350	2550	3100	880	4450	19	1,1	1000	200	30	400	23500
I-SEC SBS 4120	0,5°..2,5°	6100	20	5...9	5200	2430	2890	3250	1000	6500	32	1,1	1000	200	37	500	28250
I-SEC SBS 5106	0,5°..1,5°	5100	6	8...12	6100	2300	2500	2950	950	5450	27	1,1	1000	200	22	300	20800
I-SEC SBS 5120	0,5°..2,5°	6100	20	3...6	6250	2550	3150	3350	1100	6500	32	1,1	1000	200	37	500	39750
I-SEC SBS 6106	0,5°..1,5°	6100	6	8...12	7100	2375	2550	2950	950	6500	32	1,1	1000	200	22	300	25350
I-SEC SBS 6110	0,5°..2,5°	6100	10	8...10	7150	2450	2580	3100	1000	6500	32	1,1	1000	200	30	300	27500
I-SEC SBS 6113	0,5°..2,5°	6100	13	7...10	7180	2450	2580	3100	1000	6500	32	1,1	1000	200	30	300	29500
I-SEC SBS 6116	0,5°..2,5°	6100	16	4...8	7200	2550	2750	3250	1000	6500	32	1,1	1000	200	30	400	35500
I-SEC SBS 6120	0,5°..2,5°	6100	20	3...6	7250	2600	3150	3350	1100	6500	32	1,1	1000	200	37	500	43750

## STANDARD EQUIPMENTS

- Rigid frame designed on SolidWorks with stress and deflection analysis, welded by certified welders and machined to 0,01 mm precision in single piece.
- Hardened&Ground cutting blades in sections.(4 sided lower blade, 2 sided upper blade)
- Touchscreen controller with EasyCut feature.
- 1000 mm backgauge running on ballscrews with swing away feature
- 1000mm squaring arm and front support arms
- Sheet sliding panels at the back
- Hoerbiger Hydraulic System
- Siemens electrical system
- Hydraulic hold downs
- Illuminated cutting line
- Automatic Blade Gap Adjustment system
- Automatic Stroke adjustment

## OPTINONAL EQUIPMENTS

- Pneumatic Sheet Support System at the back (to support thin sheets during cutting)
- Sheet Conveyor and Stacking System
- Oil Cooler and Oil Heater
- Light Barriers on the front for finger protection
- Laser Cutting Line
- Front Angle Gauge for tapered cuts

# I-SEC MGS

## MECHANICAL GUILLOTINE SHEAR

The machine frame manufactured with advanced technology with exact tolerances and stress relieved with welded components. All tensile points designed with large radii and strain accumulation and possible welding cracks eliminated.

The top and bottom table inertia created for optimum value for the minimum deflection affecting the cutting quality.



The high-tech I-SEC MGS range gives excellent results in a variety of business types.

The I-SEC MGS Series allows you to achieve precise and perfect cuts by entering all cut values.

It satisfies your needs for delicate and precise cutting.

Productivity, maximum safety and cutting accuracy are features that distinguish the I-SEC MGS Series.

# TECHNICAL SPECIFICATIONS

TYPE	CUTTING LENGTH	CUTTING CAPACITY	MIN. MAX. STROKE PER MINUTE	CUTTING ANGLE	BACK GAUGE COURSE	BACK GAUGE	MOTOR POWER	FRONT ARMS	TABLE WIDTH	TABLE HEIGHT	TABLE LENGTH	LENGTH	WIDTH	TOTAL WIDTH	HEIGHT	APPROXIMATE WEIGHT
		MS(450 N/mm <sup>2</sup> )														
	(°)	mm	l/min	Degree	mm		kW	pcs.	mm	mm	mm	mm	mm	mm	mm	kg.
I-SEC MGS 1503	2,1	3	34	2,1	560	Man.	4	2	430	800	1800	2150	1700	2000	1250	1550
I-SEC MGS 2003	1,9	3	34	1,9	560	Man.	4	2	430	800	2300	2650	1700	2000	1250	1800
I-SEC MGS 3003	1,5	3	29	1,5	560	Man.	7,5	3	475	830	3450	3700	1700	2400	1420	3500
I-SEC MGS 2504	1,5	4	29	1,5	700	Mot.	7,5	3	475	850	3000	3300	1700	2400	1420	3400
I-SEC MGS 3004	1,5	4	29	1,5	700	Mot.	7,5	3	475	850	3500	3800	1700	2400	1420	3950



## STANDARD & OPTIONAL EQUIPMENTS

### STANDARD EQUIPMENTS

- Full Length Finger Guards Cage
- Manual back gauge (560 mm)
- Squaring arm with scale (L= 750 mm)
- Support arms (2 Pcs)
- Back Safety Light Curtains
- Foot Pedal with Emergency Stop Button
- Top and Bottom Blades

### OPTINONAL EQUIPMENTS

- BRL 401.2 Control Unit & Motorized Back Gauge (700mm)
- ELBO P40T Control Unit & Motorized Back Gauge (700mm)
- Pneumatic sheet support system ( Madular)
- 0-180° Front angle gauge

H type Deep Drawing Presses, which are produced up to 3000 Tons capacity, can also be produced according to the customer's requirements. Preferred Deep Drawing presses for work requiring any kind of deep drawing can be supplied with the mold if desired. In addition, the ejector roller which is placed in the upper table for the works that require the ejector makes the product easier and quicker after the drawing process is finished.

## STANDARD EQUIPMENTS

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Oil Pressure Gauge
- Lubrication
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## OPTIONAL EQUIPMENTS

- Ejector Cylinder
- Variable Speeds
- Tool Loading Device

## TECHNICAL FEATURES

### H FRAME DEEP DRAWING PRESSES

Model		100	200	300	400	500	600	800	1000	1500	2000	3000	
Capacity	Ton	100	200	300	400	500	600	800	1000	1500	2000	3000	
Table Size	mm	800x1000	800x1000	1000x1200	1200x1400	1200x1500	1500x1700						
Stroke	mm	1000	1000	1000	1000	1000	1000						
Day Light	mm	1000	1000	1000	1000	1000	1000						
Motor Power	kW	22	22	22	30	30	37						
Pump	Lt.	48	48	87	116	116	210						
Down Speed	mm/s	100	100	100	100	100	100						
Return Speed	mm/s	140	140	140	140	140	110						
Working Speed	mm/s	15	8	10	10	8	15						
Capacity	Ton	40	65	130	150	200	250						
Overall Dimensions	mm	L	2200	2200	2400	2600	2600	3000					
		W	2100	2100	2300	2500	2500	2800					
		H	4200	4200	2500	4700	4900	5500					
Weight	kg.	9000	12000	17000	23000	26000	33000						

Ask For Quote



Produced up to 250 Ton capacity, C type Presses are normally of standard size, yet can be produced according to customer requirements. C type presses can be used to bend, hole punch, cut and straightening according to the mold used. Since the 3 sides are open, mold mounting and disassembly can be done easily. C type presses, which are preferred for users who work with smaller molds, are produced to be automatic and manual.

## STANDARD EQUIPMENTS

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Adjustable Variable Speed on HMI Touch Screen Control Panel
- Oil Pressure Gauge
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## OPTIONAL EQUIPMENTS

- Ejector Cylinder
- Variable Speeds



## TECHNICAL FEATURES

		SINGLE ACTION PRESSES						
Model		30	60	100	150	200	250	
Capacity	Ton	30	60	100	150	200	250	
Table Size	mm	500x500	500x500	800x500	900x600	900x600	1000x600	
Stroke	mm	400	400	400	400	400	400	
Day Light	mm	500	500	500	600	500	600	
Motor Power	kW	7,5	7,5	11	11	15	15	
Pump	Lt.	22	22	26	40	64	64	
Down Speed	mm/s	100	100	100	110	125	125	
Return Speed	mm/s	150	150	160	150	180	180	
Working Speed	mm/s	10	10	10	8	10	8	
Overall Dimensions	mm	L	1500	1500	1600	2100	2100	2100
		W	1400	1400	1700	1800	1800	1900
		H	2600	2600	2930	3400	3400	3600
Weight	kg.	2500	3500	5500	12000	13000	14000	

C type Deep Drawing Presses, which are produced up to 250 tons capacity, can be made up to a certain size of a table, although they are standard. This is because the frame is in the form of C. Because of its shape, the space in the frame increases and this causes the frame to flex. After a certain table size, we offer H type presses to our customers.

## STANDARD EQUIPMENTS

- Chrome Plated Cylinder
- Steel Welded Frame
- HMI Touch Screen Control Panel
- Safety Cover and Light Barrier
- Two Hand Button Control
- Adjustable Variable Pressure on HMI Touch Screen Control Panel
- Adjustable Stroke on HMI Touch Screen Control Panel
- Adjustable Variable Speed on HMI Touch Screen Control Panel
- Oil Pressure Gauge
- Air Cooling
- T-Slotted Table
- User Manual
- 1 Year Warranty

## OPTIONAL EQUIPMENTS

- Ejector Cylinder

## TECHNICAL FEATURES

SINGLE ACTION PRESSES								
Model		30	60	100	150	200	250	
Capacity	Ton	30	60	100	150	200	250	
Table Size	mm	500x500	500x500	800x500	900x600	900x600	1000x600	
Stroke	mm	400	400	400	400	400	400	
Day Light	mm	600	600	600	600	600	600	
Motor Power	kW	7,5	7,5	11	11	15	15	
Pump	Lt.	22	22	26	40	64	64	
Down Speed	mm/s	100	100	100	110	125	125	
Return Speed	mm/s	150	150	160	150	180	180	
Working Speed	mm/s	10	10	10	8	10	8	
Cushion Stroke	mm	10	20	30	50	60	80	
Cushion Stroke	mm	150	150	150	150	150	150	
Overall Dimensions	mm	L	1500	1500	1600	2100	2100	2100
		W	1400	1400	1700	1800	1800	1900
		H	2600	2600	2930	3400	3400	3600
Weight	kg.	2500	3500	5500	12000	13000	14000	

# I-SEC HFH

H FRAME SINGLE ACTION  
HYDRAULIC PRESS





InterSec Portal Type Presses are used to straighten large and long beams, plates, pipes... etc

This Presses, which can be produced in requested size and tonnage, provide great convenience to user for they can work in 3 axes.

## I-SEC HPS

HYDRAULIC PORTAL  
STRAIGHTENING PRESS

### STANDARD EQUIPMENTS

- Chrome Plated Cylinder
- Steel Welded Frame
- Controlled by Pendant
- X,Y,Z Axis Movement by Motorised
- Stroke Control in any Position
- Pressure Adjustment
- Oil Pressure Gauge
- T-Slotted Table
- Working Plate
- User Manual
- 1 Year Warranty



### TECHNICAL FEATURES

#### HYDRULIC STRAIGHTENING PRESSES

Model		100	200	300	400
Table Size	Ton	1000x2000	1000x2500	1500x3000	1500x3500
Stroke	mm	400	400	400	400
Day Light	mm	600	600	600	600
Motor Power	kW	4	7,5	15	18
Down Speed	mm/s	7	7	9	9
Return Speed	mm/s	13	10	17	19

# I-SEC HPP

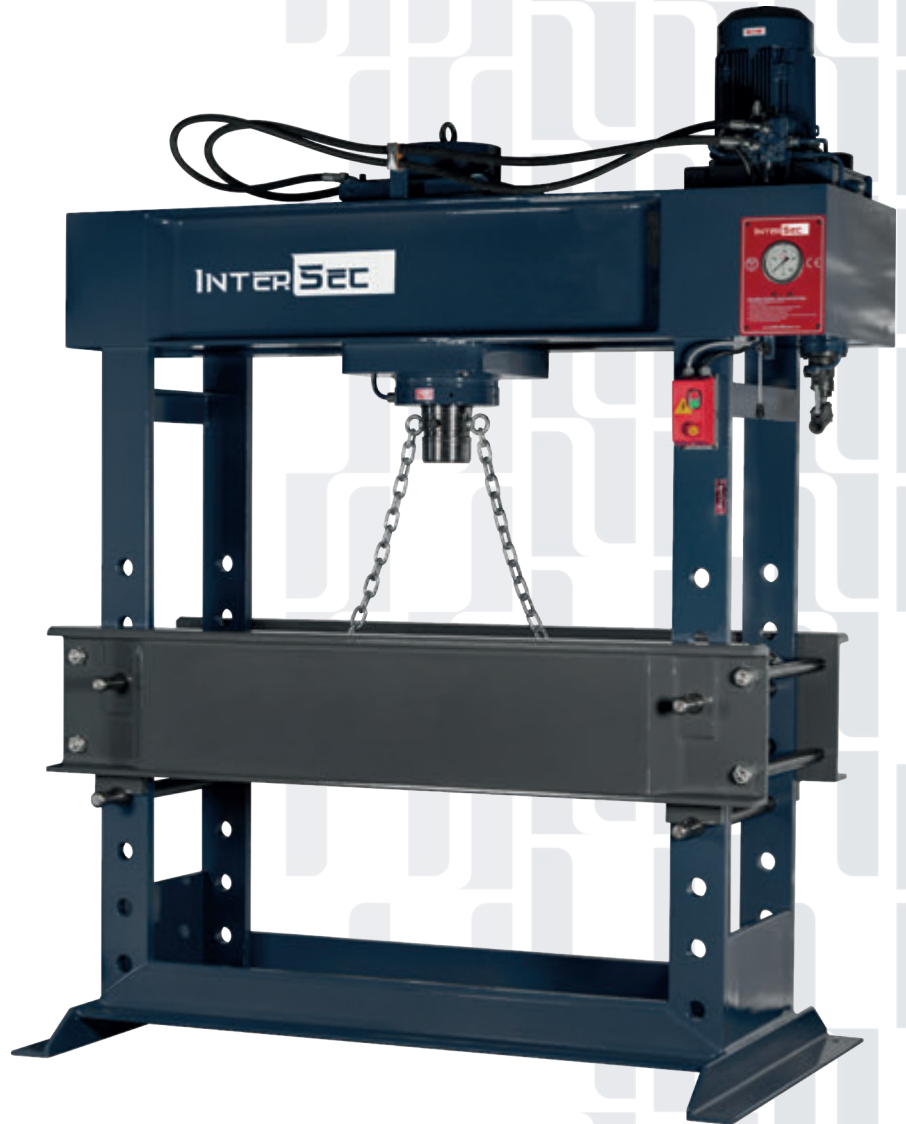
## HOT PLATED PRESS

### STANDARD EQUIPMENTS

- Chrome Plated Cylinder
- Steel Welded Frame
- Oil Pressure Gauge
- Pressure Adjustment
- User Manual
- 2 Years Warranty
- CE

### OPTIONAL EQUIPMENTS

- Pressure Regulator
- V Block
- Automatic Control
- Working Plate
- Hydraulic Movable Cylinder



### TECHNICAL FEATURES

#### HYDRAULIC WORKSHOP TYPE PRESSES

Model		60	80	100	120	160	180	200	250	300	400	500	
Capacity	Ton	60	80	100	120	160	180	200	250	300	400	500	
Working Size	mm	820x300	920x300	1010x300	1200x400	1100x350	1550x550	1300x450	1300x450	1400x550	1400x550	1400x550	
Stroke	mm	400	400	400	400	400	400	400	400	400	400	400	
Day Light	mm	900	900	900	900	900	900	900	900	900	900	900	
Motor Power	kW	3	3	4	4	5,5	7,5	7,5	15	15	30	30	
Pump	Lt.	6	6	11	11	15	22	22	34,5	48	60	67	
Down Speed	mm/s	6,1	5,4	7,12	5,8	6,2	8	6,4	8,58	9,94	9,8	8,62	
Return Speed	mm/s	10	8,3	13,42	9,5	9,8	13,3	11,04	13,03	20	27	19,2	
Overall Dimensions	mm	L	850	900	850	1000	1000	1200	1200	1200	1500	1500	1300
		W	1460	1560	1600	1900	1640	2230	2100	2450	2450	2500	2500
		H	2400	2400	2450	2450	2550	2850	2850	2650	3300	3300	3300
Weight	kg.	700	725	1000	1250	1300	2100	2600	3100	4500	6500	8500	



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RELIABLE AND PRECISE PRODUCTION



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HIGHLY EXPERIENCED TECHNICAL AND R&D TEAM TO  
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AND FASTEST SERVICE TO ITS PARTNERS  
WITH ITS PROFESSIONAL SERVICE TEAM AND  
SPARE PART STOCKS

[WWW.INTERSEC.COM.TR](http://WWW.INTERSEC.COM.TR)

# ECOCUT PLASMA CUTTING

Designed for HVAC industry, general metalwork and company with limited budget. Eco Plasma cuts 0,5mm-25mm with a pure quality and it is ready to cut with easy installation



## STANDARD EQUIPMENTS

- Hypertherm Plasma source
- 15" Touch Screen
- Torch Collision Protection system
- Automatic Torch Height control
- Axis positioning accuracy  $\pm 0,02$ mm
- Axis positioning speed max. 15 m/min.
- Remote assistance
- Mechanic dust and fume extraction system
- Automatic Nesting Software
- Monobloc design

## OPTIONAL EQUIPMENTS

- Powermax series and Maxpro200
- Engraving Pen
- Scanning Device

## TECHNICAL FEATURES

Model	Table Width	Table Length	Table Height	X Axis	Y Axis	Z Axis	Width	Length	Height	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg.
10/20	1150	2155	800	1050	2050	150	1850	3500	1735	2000
12/25	1400	2655	800	1300	2550	150	2100	4000	1735	2300
15/30	1650	3155	800	1550	3050	150	2350	4500	1735	2500

# COMPACTCUT PLASMA CUTTING

CompactCut is the space-saving and easy to relocate model which is driven by dual side AC servo motors, THC and 25mm helical linear guides and rack&pinion system to assure precise cutting with high accuracy.



## STANDARD EQUIPMENTS

- Hypertherm Edge Connect CNC Unit
- Hypertherm Power source
- 19.5" Touch Screen
- Torch Collision Protection system
- Automatic Torch Height control
- Axis positioning accuracy  $\pm 0,02\text{mm}$
- Axis positioning speed max. 15 m/min.
- Remote assistance
- Automatic dust and fume extraction system
- Pause/resume last part ( E.g. electricity cut)
- Monobloc Design

## OPTIONAL EQUIPMENTS

- Automatic Nesting software
- True Hole Technology (HPRXD and XPR)
- Tube cutting  $\varnothing 20 \times 125\text{mm}$
- Lateral Drawer for slag collection system
- Engraving Option with LoyalMak CNC

## TECHNICAL FEATURES

Model	Table Width	Table Length	Table Height	X Axis	Y Axis	Z Axis	Width	Length	Height	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg.
10/20	1150	2155	800	1050	2050	150	1700	3900	1735	2050
15/30	1650	3155	800	1550	3050	150	2250	4900	1735	2700
15/60	1650	6300	800	1550	6050	150	2250	7700	1735	4750
20/40	2150	4200	800	2050	4050	150	2750	5900	1735	4150
20/60	2150	6300	800	2050	6050	150	2750	7700	1735	5500

# PROCUT PLASMA CUTTING

ProCut is designed for heavy operations. It is equipped with Hypertherm power sources and windows based CNC. Also, it is offering multiple stations such as plasma and oxy cutting system.



## STANDARD EQUIPMENTS

- Hypertherm Edge Connect CNC
- Hypertherm Plasma Power Source
- 19,5" Touch Screen
- Torch Collision Protection System
- Automatic Torch Height Control
- Axis positioning accuracy  $\pm 0,02$  mm
- Axis positioning speed max. 20 m/min.
- Remote assistance
- Laser pointer for plate alignment
- Automatic dust and fume extraction system
- Pause / resume last part (Eg. electricity cut)

## OPTIONAL EQUIPMENTS

- Drilling head upto dia. 20mm
- Remote control with Tablet via Internet

## TECHNICAL FEATURES

Model		20/40	20/60	20/80	20/120	30/40	30/60	30/120	30/240	40/60	40/120	40/150	40/240
Table Width	mm	2150	2150	2150	2150	3150	3150	3150	3150	4150	4150	4150	4150
Table Length	mm	4200	6300	8400	12600	4200	6300	12600	25200	6300	12600	15750	25200
Table Height	mm	800	800	800	800	800	800	800	800	800	800	800	800
X Axis	mm	2150	2150	2150	2150	3150	3150	3150	3150	4150	4150	4150	4150
Y Axis	mm	4200	6300	8400	12600	4200	6300	12600	25200	6300	12600	15750	25200
Z Axis	mm	170	170	170	170	170	170	170	170	170	170	170	170
Width	mm	3500	3500	3500	3500	4500	4500	4500	5500	5500	5500	5500	5500
Length	mm	5500	7700	9500	13500	5500	7700	14000	27000	7700	14000	17300	27000
Height	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Weight	kg.	5400	7000	8600	11800	6600	8700	15200	27600	10800	19800	25700	37800

# BEVELCUT PLASMA CUTTING

BevelCut is an upgraded version of ProCut. It is offering angle cutting by  $\pm 45^\circ$  with a perfect finish and hole for bolt. BevelCut allows alternative results such as Y, X, V, K welding preparations.



## STANDARD EQUIPMENTS

- Hypertherm Edge Connect CNC Unit
- Hypertherm Power source
- 19.5" Touch Screen
- Pronest Auto Nesitng Software
- True Bevel / True Hole Technology
- Torch Collision Protection system
- Automatic Torch Height control
- Axis positioning accuracy  $\pm 0,02\text{mm}$
- Axis positioning speed max. 20 m/min.
- Remote assistance

## OPTIONAL EQUIPMENTS

- Oxy Torch with capacitive sensor system
- Auto Gas Console for Oxy Cutting System
- Tube Cutting
- Lateral drawers for slag collection system



# TUBECUT PLASMA CUTTING

Transforming raw pipes to unique parts of daily life by cutting in excellence.

Possibility of different designs makes TubeCut more versatile and can be used with ProCut, BevelCut as well as sole pipe cut design.



## STANDARD EQUIPMENTS

- Hypertherm Edge Connect CNC
- Hypertherm Plasma Power Source
- 19,5" Touch Screen
- Hypertherm RTP pipe cutting software
- Cutting Diameter  $\varnothing$  30/500mm (Please ask for other dimension)
- Easily Adjustable Pipe and Tube Support
- Torch Collision Protection System
- Automatic Torch Height Control
- Axis positioning accuracy  $\pm$  0,02 mm
- Axis positioning speed max. 20 m/min.
- Remote assistance
- Laser pointer for plate alignment
- Automatic dust and fume extraction system
- Pause / resume last part (Eg. electricity cut)

## OPTIONAL EQUIPMENTS

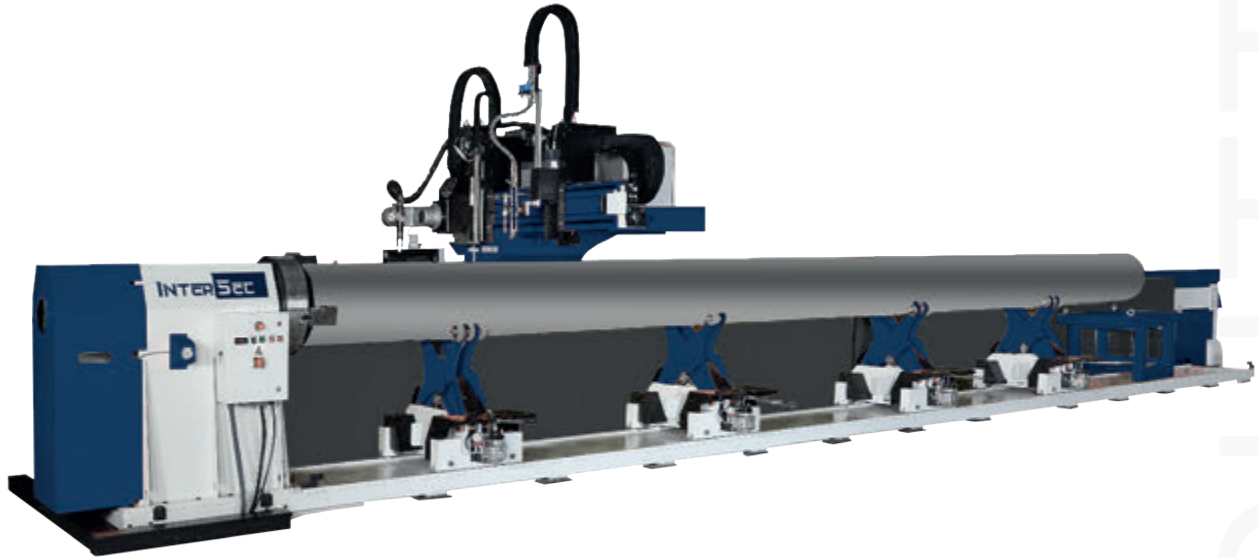
- Plasma Power Sources
- HPRXD Series (HPR400XD | HPR800XD)
- XPR Series (XPR170 - choice of CORE | VWI | OPTIMIX)
- Automatic Gas consoles (XPR300 - choice of CORE | VWI)
- OPTIMIX Automatic Gas consoles (MAXPRO200 | POWERMAX Series - 45XP / 65 / 85 / 105 / 125)
- Automatic Nesting Software (Hypertherm Pronest LT Essential | Hypertherm Pronest LT Unlimited | Hypertherm Pronest Advance)
- Oxy Cutting System with capacitive sensor system
- Oxy Cutting System with Auto Gas Console
- Automatic / Manual Bevel Cutting
- True Hole Technology
- Adapter for Square profile
- LoyalMak Jet Filter
- Lateral Drawers for slag collection system



# PIPECUT PLASMA CUTTING

Transforming raw pipes to unique parts of daily life by cutting in excellence.

Possibility of different designs makes TubeCut more versatile and can be used with ProCut, BevelCut as well as sole pipe cut design.



## STANDARD EQUIPMENTS

- Hypertherm Edge Connect CNC Unit
- Hypertherm Power source
- 19.5" Touch Screen
- RTP Tube Cutting Software
- Cutting Diameter  $\varnothing$  600/800/1000/1200mm
- Easily Adjustable Pipe And Tube Support
- Torch Collision Protection system
- Automatic Torch Height control

## OPTIONAL EQUIPMENTS

- Laser Measuring for Surface Deviation



## XPR300

The most significant advance in mechanized plasma cutting technology redefines what plasma can do.

### Industry leaning cut quality - X-Definition

The XPR advances HyDefinition® cut quality by blending new technology with refined processes for next generation, X-Definition™ cutting on mild steel, stainless steel and aluminum.

### Optimized productivity and reduced operating costs

- Increased cut speeds on thicker materials
- Dramatic improvement in consumable life on mild steel application
- Thicker piercing capability than competitive plasma systems
- Significantly reduced operating costs than previous generation technology



## MAXPRO200

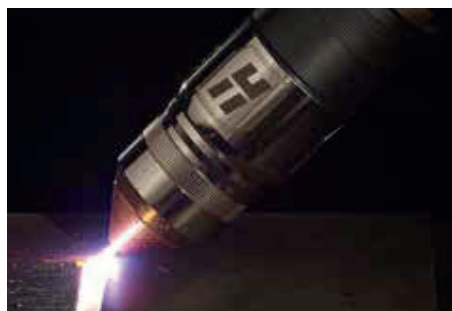
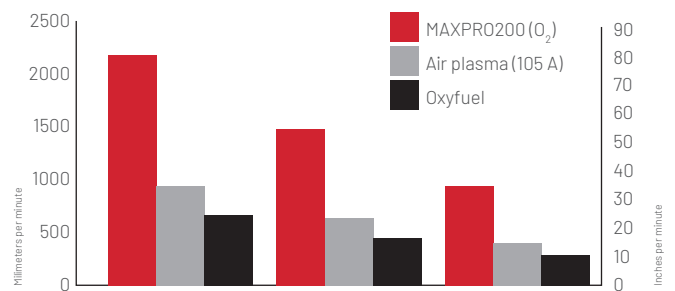
### Handheld torch and gouging

- 200 A handheld torch capable of cutting up to 75 mm (3") for demolition, scrapping and other heavy-duty cutting demands.
- Drag-cutting consumables make it easy to follow a line or template.
- Metal removal rate on mild steel up to 18.7 kg/hr (41.2 lbs/hr.)
- Plasma gouging can replace grinding or carbon arc gouging for many metal-removal applications. Plasma gouging produces less noise and fumes than carbon arc gouging and avoids risks of metallurgical problems from carbon contamination.

### Maximized Productivity

- MAXPRO200 combines fast cutting speeds and quick process changes to maximize productivity.
- The fastest cut speeds in its class produce more finished parts per hour.
- Engineered with 100% duty cycle for the most demanding production environments.
- Quickly transition between cutting, gouging, mechanized and handheld processes with automatic settings, tool free leads and quick disconnect torches.

### Fast Cutting Speeds - Maximum Productivity



## XPR170

### Industry leaning cut quality - X-Definition

With unmatched X-Definition® cut quality on mild steel, stainless steel and aluminum, XPR170™ increases cut speed, dramatically improves productivity and slashes operating costs. New ease-of-use features and engineered system optimization make XPR easier to run with minimal operator intervention, while also ensuring optimal performance and unmatched reliability.

### Optimized productivity and reduced operating costs

- Increased cut speeds on thicker materials
- Dramatic improvement in consumable life on mild steel application
- Thicker piercing capability than competitive plasma systems
- Significantly reduced operating costs than previous generation technology



## PLASMA POWERMAX SERIES

Hypertherm's patented True Hole cutting technology for mild steel is a specific combination of cutting parameters (process gas type, gas flow, amperage, piercing methodology, lead in-out technique, cut speed, and timing) that is optimized for each material thickness and hole size. This process is exclusively available for use with Hypertherm's Hyperformance HprXD auto gas plasma systems and is automatically applied by our nesting software and CNC software to mild steel holes with hole diameter to thickness ratios as low as 1:1.

### POWERMAX 105

#### General Cutting Features

Recommended	: 32 mm
Edge Cutting	: 50 mm
Piercing	: 22 mm

### POWERMAX 125

#### General Cutting Features

Recommended	: 38 mm
Edge Cutting	: 57 mm
Piercing	: 25 mm

### POWERMAX 85

#### General Cutting Features

Recommended	: 25 mm
Edge Cutting	: 38 mm
Piercing	: 20 mm



### POWERMAX 65

#### General Cutting Features

Recommended	: 20 mm
Edge Cutting	: 32 mm
Piercing	: 16 mm

### POWERMAX 30

#### General Cutting Features

Recommended	: 10 mm
Edge Cutting	: 12 mm
Piercing	: 16 mm

### POWERMAX 45

#### General Cutting Features

Recommended	: 12 mm
Edge Cutting	: 25 mm
Piercing	: 12 mm

# INTERSEC

MAKİNA SANAYİ ve TİCARET A.Ş.

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