Bending and Shearing

BOSCHERT GIZELIS.co

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Contents

The company

Gizelis S.A. was founded by Stamatis Gizelis in 1968, specializing in the manufacturing of machines for the sheet metal industry. Today is one of the oldest companies in its field, with activities that start from machine design and development, and continue with complete 'in house' manufacturing of sheet metal processing machines.

Gizelis S.A. is a well established manufacturing company, with significant presence in the European market. Now with a large network of European associates, the company is able to provide complete solutions regarding the production chain associated with sheet metal processing machines.

In 2004 Gizelis S.A. formed a strategic alliance with German company Boschert GmbH. With this alliance a new series of machines has emerged, aiming to provide the customer with a full range of high quality sheet metal processing machines. All manufacturing procedures for both companies take place in two privately owned factories situated within the European Union.

For Gizelis S.A. the quality of its human resources is of great significance. A team of highly qualified engineers and managers with experience in their fields of expertise are responsible for the company's activities from research and development up to production and marketing. We are strongly committed to continue investing in R&D aiming to provide high quality products that are technologically advanced, and in addition to design new products that the rapidly changing sheet metal industry demands. Our mission is to provide a complete range of high quality sheet metal processing machines to our customers through continuous development and innovation.





Why Boschert Gizelis?

- Large stroke & daylight standard even in basic models!
- Long experience on bending and shearing, Tradition & Reliability.
- Great tooling and general product oriented advice & support.
- Direct service line and continuous customer support.

Bending by Boschert-Gizelis

Press Brake Series

GPRO® Entry series of CNC press brakes, economical and efficient bending solution.

GBEND® High level press brakes, with higher class equipment and components.

GMASTER® State of the art press brakes for the most demanding users.

GHD® Heavy duty machines for large loads ≥330 ton with very rigid frame, for heavy duty applications.

Upper and lower double roller bearing for accurate, rigid and fast beam movement.

Additional outer welded steel side frame for increased machine rigidity, and minimum deformations.

Back gauge with double linear guides on every axis.

Easy to move back gauge stoppers on rollers, 3 stop positions, support position at 1200mm!

Standard Equipment

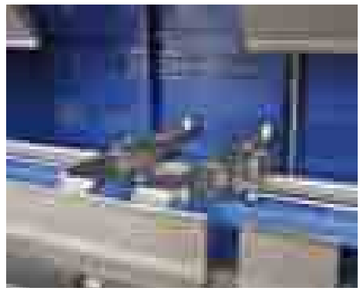
- Industrial control Cybelec DNC 60.
- Y1, Y2 independent hydraulic cylinders, proportional valve technology.
- Single axis back gauge system X.
- Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- Ram guidance with two double roller bearings on each side.
- Rigid and stable construction.
- Mechanical upper tool clamping.
- Mechanical lower tool clamping.
- Throat depth: 350 mm.
- Daylight: 430 mm.
- Punch Stroke: 200 mm.
- Photoelectric beam for safety.

Industrial control Cybelec DNC 60.

Laser safety Fiessler German origin, manual height adjustment, CE certified (optional).

Ram guidance with double roller bearings.

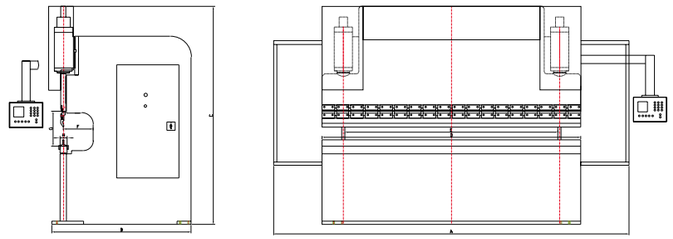
Back Gauge with double linear guides on every axis and AC brushless motors.



Easy to move back gauge stoppers on rollers, 3 stop positions, support position at 1200mm!

		G Pro® 2080	G Pro® 2580	G Pro® 3080
Bending force	[tons]	80	80	80
Working length	[mm]	2100	2600	3100
Distance between uprights	[mm]	1550	2050	2550
Throat depth	[mm]	350	350	350
Daylight	[mm]	430	430	430
Punch stroke	[mm]	200	200	200
Table width	[mm]	80	80	80
Fast speed	[mm/sec]	(0 - 140)	(0 - 140)	(0 - 140)
Working speed	[mm/sec]	(0 - 9)	(0 - 9)	(0 - 9)
Upstroke speed	[mm/sec]	(0 - 100)	(0 - 100)	(0 - 100)
Hydraulic pressure (max)	[bar]	215	215	215
Main electric motor	[KW]	7.5	7.5	7.5
Length	[mm] A	4200	4200	4200
Width	[mm] B	1585	1585	1585
Height	[mm] C	2542	2542	2542
Weight (approximate)	[Kgr]	6100	6100	7200

		G Pro® 3110	G Pro® 3140	G Pro® 4140
Bending force	[tons]	110	140	140
Working length	[mm]	3100	3100	4100
Distance between uprights	[mm]	2550	2550	3550
Throat depth	[mm]	350	350	350
Daylight	[mm]	430	430	430
Punch stroke	[mm]	200	200	200
Table width	[mm]	80	80	80
Fast speed	[mm/sec]	(0 – 140)	(0 - 140)	(0 - 140)
Working speed	[mm/sec]	(0 - 9)	(0 - 9)	(0 - 9)
Upstroke speed	[mm/sec]	(0 – 100)	(0 - 100)	(0 - 100)
Hydraulic pressure (max)	[bar]	275	275	275
Main electric motor	[KW]	7.5	11	11
Length	[mm] A	4400	4400	5600
Width	[mm] B	1650	1700	1695
Height	[mm] C	2800	2800	2960
Weight (approximate)	[Kgr]	8400	11500	13500



Gizelis S.A. retains the right to change any technical characteristic without prior notice.

Standard equipment

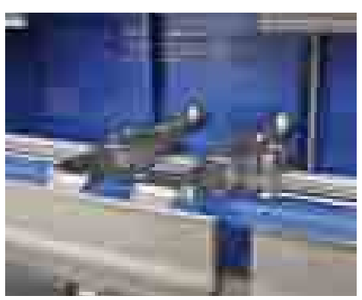
- Industrial control Cybelec DNC 60.
- Y1, Y2 independent hydraulic cylinders, proportional valve technology.
- Extra welded frame on the sides.
- Single axis back gauge system X.
- Mechanical upper tool clamping.
- Mechanical lower tool clamping.
- Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- Ram guidance with two double roller bearings on each side.
- Rigid and stable construction.
- Throat depth: 400 mm.
- Daylight: 515 mm.
- Punch Stroke: 250 mm.
- Photoelectric beam for safety.

Additional outer welded steel side frame for increased machine rigidity, and minimum deformations.

Laser safety Fiessler German origin, manual height adjustment, CE certified (optional).

Ram guidance with two double roller bearings on each side.

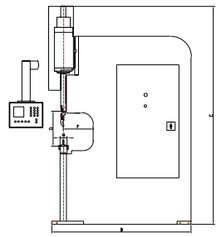
Back Gauge with double linear guides on every axis and AC brushless motors.

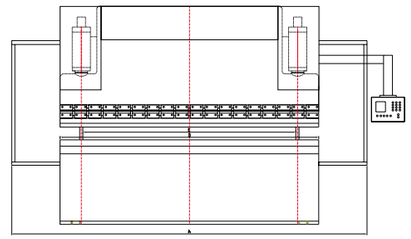


Easy to move back gauge stoppers on rollers, 3 stop positions, support position at 1200mm!

		G Bend® 2580	G Bend® 3080	G Bend® 3110	G Bend® 3140	G Bend® 3175	G Bend® 3210	G Bend® 3290
Bending force	[tons]	80	80	110	140	175	210	290
Working length	[mm]	2600	3100	3100	3100	3100	3100	3100
Distance between uprights	[mm]	2050	2550	2550	2550	2550	2550	2550
Throat depth	[mm]	400	400	400	400	400	400	400
Daylight	[mm]	515	515	515	515	515	515	515
Punch stroke	[mm]	250	250	250	250	250	250	250
Table width	[mm]	80	80	80	80	80-220	80-220	80-220
Fast speed	[mm/sec]	(0 - 180)	(0 - 180)	(0 – 180)	(0 – 180)	(0 – 180)	(0 – 180)	(0 – 150)
Working speed	[mm/sec]	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)
Upstroke speed	[mm/sec]	(0 - 150)	(0 - 150)	(0 – 150)	(0 – 150)	(0 – 130)	(0 – 130)	(0 – 120)
Hydraulic pressure (max)	[bar]	215	215	275	275	275	275	275
Main electric motor	[KW]	7.5	7.5	7.5	11	15	15	18.5
Length	[mm]	4200	4200	4400	4400	4500	4500	4900
Width	[mm]	1585	1585	1650	1700	1785	1910	1935
Height	[mm]	2542	2542	2800	2800	2800	2850	2890
Weight (approximate)	[Kgr]	6100	7200	8800	11500	13.500	16.800	20.500

		G Bend® 4140	G Bend® 4175	G Bend® 4210	G Bend® 4290	G Bend® 6175	G Bend® 6210	G Bend® 6290
Bending force	[tons]	140	175	210	290	175	210	290
Working length	[mm]	4100	4100	4100	4100	6100	6100	6100
Distance between uprights	[mm]	3550	3550	3550	3550	5050	5050	5050
Throat depth	[mm]	400	400	400	400	400	400	400
Daylight	[mm]	515	515	515	515	515	515	515
Punch stroke	[mm]	250	250	250	250	250	250	250
Table width	[mm]	80	80-220	80-220	220	220	220	220
Fast speed	[mm/sec]	(0 – 180)	(0 – 180)	(0 – 180)	(0 – 150)	(0 – 180)	(0 – 180)	(0 – 150)
Working speed	[mm/sec]	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 8)	(0 - 8)	(0 - 7)
Upstroke speed	[mm/sec]	(0 – 130)	(0 – 130)	(0 – 130)	(0 – 120)	(0 – 130)	(0 – 130)	(0 – 120)
Hydraulic pressure (max)	[bar]	275	275	275	275	275	275	275
Main electric motor	[KW]	11	15	15	15	15	15	18.5
Length	[mm]	5600	5600	5600	6100	7500	7500	7500
Width	[mm]	1695	1730	1870	1980	1870	1870	2900
Height	[mm]	2960	3075	3100	3150	3360	3360	3400
Weight (approximate)	[Kgr]	13.500	16.000	19.000	24.000	24.000	26.000	30.000





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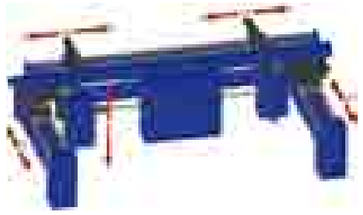
GMASTER®

Standard equipment

- Industrial control Cybelec ModEva 10S with graphical simulation.
- Y1, Y2 independent hydraulic cylinders, proportional valve technology.
- Extra welded frame on the sides.
- Rigid and stable construction.
- Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- Ram guidance with two double roller bearings on each side.
- Throat depth: 400 mm.
- Daylight: 615 mm.
- Punch Stroke: 390 mm.
- 5 axis high speed back gauge system X1X2RZ1Z2 with double linear guides.
- CNC controlled anti deflection system.
- Heavy duty front gauges on linear guide.
- Fast change hydraulic upper & lower tool clamping-Wila Trumpf tools required.
- Laser safety Fiessler German origin, automatic height adjustment, CE certified.
- Wide selection of extra equipment.

Laser safety with automatic height adjustment, CE CERTIFIED.

Fast change hydraulic upper & lower tool clamping. The large stroke and day-light gives increased capabilities for e.g. deep box bending, and demanding parts.



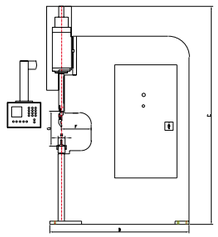
Standard 5 axis X1X2RZ1Z2 high speed back gauge system.

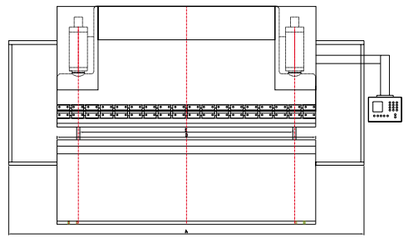
CNC controlled anti deflection system.

Heavy duty front supports on linear guide.

		G Master® 2580	G Master® 3080	G Master® 3110	G Master® 3140	G Master® 3175	G Master® 3210	G Master® 3290
Bending force	[tons]	80	80	110	140	175	210	290
Working length	[mm]	2600	3100	3100	3100	3100	3100	3100
Distance between uprights	[mm]	2050	2550	2550	2550	2550	2550	2550
Throat depth	[mm]	400	400	400	400	400	400	400
Daylight	[mm]	615	615	615	615	615	615	615
Punch stroke	[mm]	390	390	390	390	390	390	390
Table width	[mm]	80	80	80	80	80-220	80-220	80-220
Fast speed	[mm/sec]	(0 - 180)	(0 - 180)	(0 – 180)	(0 – 180)	(0 – 180)	(0 – 180)	(0 – 150)
Working speed	[mm/sec]	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)
Upstroke speed	[mm/sec]	(0 - 150)	(0 - 150)	(0 – 150)	(0 – 150)	(0 – 150)	(0 – 150)	(0 – 150)
Hydraulic pressure (max)	[bar]	215	215	275	275	275	275	275
Main electric motor	[KW]	7.5	7.5	7.5	11	15	15	18.5
Length	[mm]	4200	4200	4400	4400	4500	4500	4900
Width	[mm]	1685	1685	1750	1800	1885	2000	2035
Height	[mm]	2700	2700	2950	2950	2950	3000	3040
Weight (approximate)	[Kgr]	6300	7400	9100	11500	13.800	17.200	20.900

		G Master® 4140	G Master® 4175	G Master® 4210	G Master® 4290	G Master® 6175	G Master® 6210	G Master® 6290
Bending force	[tons]	140	175	210	290	175	210	290
Working length	[mm]	4100	4100	4100	4100	6100	6100	6100
Distance between uprights	[mm]	3550	3550	3550	3550	5050	5050	5050
Throat depth	[mm]	400	400	400	400	400	400	400
Daylight	[mm]	615	615	615	615	615	615	615
Punch stroke	[mm]	390	390	390	390	390	390	390
Table width	[mm]	80	80-220	80-220	220	220	220	220
Fast speed	[mm/sec]	(0 – 180)	(0 – 180)	(0 – 180)	(0 – 150)	(0 – 180)	(0 – 180)	(0 – 150)
Working speed	[mm/sec]	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 10)	(0 - 8)	(0 - 8)	(0 - 7)
Upstroke speed	[mm/sec]	(0 – 130)	(0 – 130)	(0 – 130)	(0 – 120)	(0 – 130)	(0 – 130)	(0 – 120)
Hydraulic pressure (max)	[bar]	275	275	275	275	275	275	275
Main electric motor	[KW]	11	15	15	15	15	15	18.5
Length	[mm]	5600	5600	5600	6100	7500	7500	7500
Width	[mm]	1800	1900	1970	2080	1970	1970	3000
Height	[mm]	3100	3225	3250	3300	3500	3500	3550
Weight (approximate)	[Kgr]	13.700	16.200	19.500	24.500	24.500	26.500	30.500





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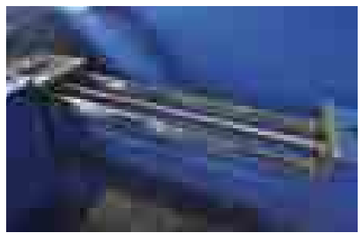
Standard equipment

- Industrial control Cybelec DNC 60.
- Y1, Y2 independent hydraulic cylinders, proportional valve technology.
- Extra welded frame on the sides.
- Rigid and stable construction.
- Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- Ram guidance with two double roller bearings on each side.
- Single axis back gauge system X.
- Mechanical upper tool clamping.
- Mechanical lower tool clamping.
- Stroke & Daylight dependent upon the model and customer request.
- Throat depth: 500 mm.
- Daylight: 570 mm.
- Punch Stroke: 320 mm.
- Photoelectric beam for safety.

Ram guidance with two double roller bearings on each side.

Extra welded frame on the sides.

Laser safety Fiessler German origin, manual height adjustment, CE certified (optional).

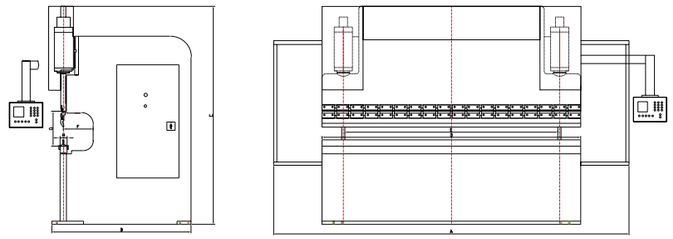


Back Gauge with double linear guides on every axis and AC brushless motors.

Easy to move back gauge stoppers on rollers, 3 stop positions, support position at 1200mm!

		G HD® 3330	G HD® 4330	G HD® 4440	G HD® 6330	G HD® 6440
Bending force	[tons]	330	330	440	330	440
Working length	[mm]	3100	4100	4100	6100	6100
Distance between uprights	[mm]	2550	3550	3550	5050	5050
Throat depth	[mm]	500	500	500	500	500
Daylight	[mm]	570	570	570	570	570
Punch stroke	[mm]	320	320	320	320	320
Table width	[mm]	250	220	220	220	220
Fast speed	[mm/sec]	(0 – 120)	(0 – 120)	(0 – 100)	(0 – 120)	(0 – 100)
Working speed	[mm/sec]	(0 - 10)	(0 - 8)	(0 - 7)	(0 - 7)	(0 - 7)
Upstroke speed	[mm/sec]	(0 – 100)	(0 – 90)	(0 – 90)	(0 – 90)	(0 – 90)
Hydraulic pressure (max)	[bar]	275	275	275	275	255
Main electric motor	[KW]	22	22	30	22	30
Length	[mm]	4900	6300	6300	7500	7500
Width	[mm]	2100	2700	2700	2700	2700
Height	[mm]	3050	3400	3400	3700	3750*
Weight (approximate)	[Kgr]	24000	27.000	30.000	34.000	45.000

		G HD® 6550	G HD® 6660	G HD® 6880	G HD® 7550	G HD® 7880
Bending force	[tons]	550	660	800	550	880
Working length	[mm]	6100	6100	6100	7100	7100
Distance between uprights	[mm]	5050	5050	5050	6050	6050
Throat depth	[mm]	500	500	500	500	500
Daylight	[mm]	590	590	650	590	650
Punch stroke	[mm]	350	350	380	350	380
Table width	[mm]	220	220	220	220	220
Fast speed	[mm/sec]	(0 – 100)	(0 – 90)	0 – 90)	0 – 90)	(0 – 90)
Working speed	[mm/sec]	(0 - 7)	(0 - 7)	(0 - 7)	(0 - 7)	(0 - 7)
Upstroke speed	[mm/sec]	(0 – 90)	(0 – 80)	(0 – 80)	(0 – 80)	(0 – 80)
Hydraulic pressure (max)	[bar]	275	275	275	275	275
Main electric motor	[KW]	37	45	55	37	75
Length	[mm]	7500	7500	7500	8500	8500
Width	[mm]	2700	2800	2800	2800	2800
Height	[mm]	3800*	4100*	4100*	3800*	4100*
Weight (approximate)	[Kgr]	49.000	54.000	62.000	65.000	78.000



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* Part of the machine is underground.

CNC PRESS BRAKES - SHEARS

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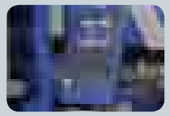
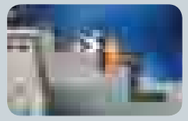
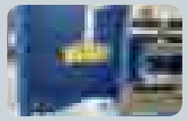
OPTIONAL EQUIPMENT

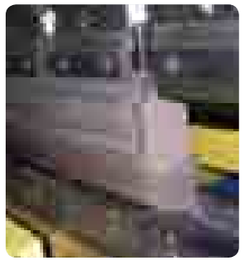
	G PRO®	G BEND®	G MASTER®	G HD®
Industrial Control				
 Cybelec 880S	✓	✓		✓
 Cybelec Modeva Series 10S 2D 12S 3D 15S 3D	✓	✓	✓	✓
Back Gauge System				
 Single Axis Back Gauge system X	✓	✓		✓
 Back Gauge system (2axes) X-R	✓	✓		✓
 Back Gauge system (3axes) X1-X2-R		✓		✓
 Back Gauge system (4axes) X-R-Z1-Z2		✓		✓
 Back Gauge system (5axes) X1-X2-R-Z1-Z2		✓	✓	✓
 Back Gauge system (6axes) X1-X2-R1-R2-Z1-Z2		✓	✓	✓
Vorderanschlagsystem				
 Heavy duty front supports on linear guide (2 pieces)	✓	✓	✓	✓

	G PRO®	G BEND®	G MASTER®	G HD®
Clamping				
 Rol 1 fast clamping - Vertical - Horizontal loading and unloading. Double ROL1 system with possibility of tool reversing.	✓	✓		✓
 Hydraulic WILA clamping upper tool- Premium Version Hydraulic WILA clamping upper & lower tool- Premium Version (manual antideflection included) Hydraulic WILA clamping upper tool- Pro Version Hydraulic WILA clamping upper & lower tool- Pro Version (manual anti deflection included)	✓	✓		✓
Antideflection System				
 Manual anti deflection system	✓	✓		✓
 CNC controlled anti deflection system	✓	✓	✓	✓
Safety Systems				
 Laser safety Fiessler AKAS II with manual height adjustment	✓	✓		✓
 Laser safety Fiessler AKAS III with automatic height adjustment	✓	✓	✓	✓
Automations				
 Automatic Laser Measurement and control of the bending angle with a pair of sensors.		✓	✓	

Tooling

We deliver the machine and the tools ready to produce your products.

- Complete range of standard and special tools to cover every application.
- Strong alliance with European top class tool manufacturers.
- Strong advisory regarding tools and machine set up.



42 kg/mm

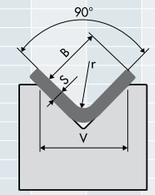
S mm	4	5	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V
	3	3.5	4	5.5	6.5	8	10.5	13	16.5	21	26	32.5	41	52	65	81.5	104	130	163	B
	0.5	0.7	0.8	1	1.3	1.5	2	2.5	3.2	4.4	5	6.5	8	10	12	15	20	25	37	Ri
0.6	6	5	3	2																
0.8	12	9	7	5	4															
1		15	11	8	6	5														
1.2			18	12	9	7	5													
1.5				21	15	12	8	6												
2					30	23	16	12	9											
2.5						39	27	20	14	11										
3							43	31	23	16	12									
4								60	44	32	23	18								
5									76	54	39	29	22							
6										85	62	45	33	25						
8											121	88	70	46	35					
10												151	109	79	58	44				
12													173	124	91	66	50			
15														213	155	113	81	62		
20															302	220	158	115	89	
25																378	269	197	144	Ft/m

30°	Bx1.6	R=20kg/mm²	r x 0.8
60°	Bx1.1		
90°	Bx1	R=42kg/mm²	r x 1
120°	Bx0.9		
150°	Bx0.7	R=70kg/mm²	r x 1.4

70 kg/mm

S mm	4	5	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V
	3	3.5	4	5.5	6.5	8	10.5	13	16.5	21	26	32.5	41	52	65	81.5	104	130	163	B
	0.5	0.7	0.8	1	1.3	1.5	2	2.5	3.2	4.4	5	6.5	8	10	12	15	20	25	37	Ri
0.6	10	8	6	4																
0.8	20	15	12	8	6															
1		25	19	13	10	8														
1.2			30	21	15	12	8													
1.5				35	26	20	113	10												
2					50	38	26	19	15											
2.5						66	45	33	24	18										
3							71	52	38	27	21									
4								101	73	53	38	30								
5									126	90	66	48	37							
6										142	103	76	55	42						
8											202	147	117	77	59					
10												252	182	131	96	74				
12													288	207	151	110	83			
15														354	258	189	135	104		
20															504	367	263	192	148	
25																603	448	328	240	Ft/m

30°	Bx1.6	R=20kg/mm²	r x 0.8
60°	Bx1.1		
90°	Bx1	R=42kg/mm²	r x 1
120°	Bx0.9		
150°	Bx0.7	R=70kg/mm²	r x 1.4



G CUT® CNC

Standard equipment

- Swing beam hydraulic shear.
- Heavy duty, rigid all welded steel frame.
- Material Hold-down pressure adjustment proportionally to cutting pressure.
- Colour Touch Screen 10,4''.
- Programmed cutting length.
- More hold downs near the squaring arm for better holding & cutting of small parts.
- Automatic programmable high speed CNC back gauge with AC servomotor.
- Precise Illumination of the cutting line.
- Special cutting blades made for steel and stainless steel (German origin).
- Ball casters on the table.
- Front guard with 1 swivelling part and safety switch.
- Rear fence equipped with photoelectric guards.
- 2 X front sheet supports 1m each with linear scale.
- 1 X squaring angle 1m with linear scale.
- Electrical parts Siemens, Telemecanique.
- Hydraulic Parts BOSCH-REXROTH.

1 X squaring angle 1m with Linear scale.

Front guard with 1 swivelling part.

Colour Touch Screen 10,4''.

2 X front sheet supports 1m each with linear scale.

G CUT® CNC

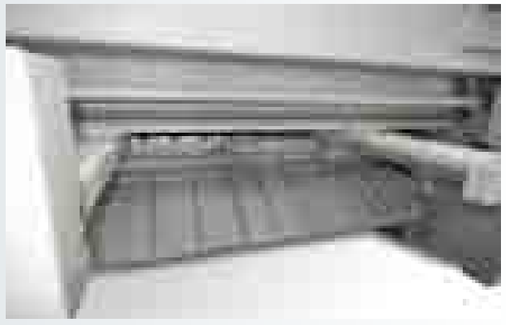
Optional Equipment

RTF System: Return to the front

- This system is needed for cutting of thin sheet metals and big in width strips. In these cases the strip gets stretched by its weight with main results the wrong stop in the back gauge (so wrong measures) and very bad optical cutting result because the first part of the cutting strip will be distorted by its weight.
- By activating this function, the cut out doesn't fall at the back side of the shear; it returns to the shear operator.

Position 1: Supports the sheet on the back gauge (in the full cutting length). It is not possible the sheet stretch.

Position 2: Goes down, approximately of 100mm, stops, waiting for the whole length to be cut, not leaving the sheet to bend to the floor.



Position 3: Goes down even more, taking a 45° position, guiding the sheet outside the working area of the shear.

NSC System: Narrow Strip Cutting

- With the use of this function, there is the ability to cut a very narrow strip, avoiding any kind of distortion. Consequently, we are able to cut a strip of 40mm width from 8mm mild steel, in any length without the phenomenon of distortion. The operator inputs the desired value of the back gauge according to the sheet width; then places the sheet metal to the reference of the back gauge, and he selects from the touch screen the strip's width of the metal sheet, which he wants to cut.Finally he selects the number of the strip's we wants to extract from the sheet. The back gauge then automatically takes out the sheet metal through several steps (according to the number of strips) which correspond to the width that he has selected. The strip is taken out by the operator from the front side of the hydraulic shear. In order for this function to be activated, RTF function should be also activated. Finally, NSC function is activated / deactivated easily through the touch screen.

MFP System: Movable Front Panel

- One more unique characteristic of our Shearing machines; by this option the front panel is movable towards the cutting length of the machine. So as the operator is able to work with the Touch panel even if he cuts to the end of the machine.

ATM System: Automatic Thickness Measurement

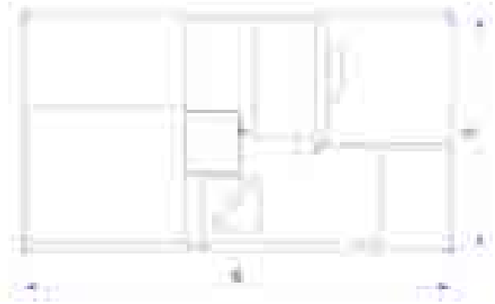
- This is a unique feature which is driving the machine to a premium level of technology. In order to avoid mistakes on the clearance adjustment by the operator, the machine is equipped with a special sensor which automatically measures the material thickness. Immediately the measured thickness it is appeared in the Touch panel and the clearance is been set automatically. This function is easily enabled or disabled through the control panel.

MFS System: Movable Front Supports

- An additional unique option of our Shearing cutting machines; by this option the two (2) front supports are independently movable towards the cutting length, so as the operator to be able to move the front supports and adjust them according to the length of his sheet metal.

		G Cut® CNC 2504	G Cut® CNC 3006	G Cut® CNC 3010	G Cut® CNC 3013	G Cut® CNC 3016	G Cut® CNC 3020	G Cut® CNC 4006
Maximum cutting thickness mild steel st42	[mm]	4	6	10	13	16	20	6
Maximum cutting thickness stainless steel	[mm]	2	4	6	8	10	12	4
Maximum cutting length	[mm]	2600	3100	3100	3100	3100	3100	4100
Throat depth	[mm]	155	180	210	210	260	260	180
Back gauge stroke	[mm]	1000	1000	1000	1000	1000	1000	1000
Cutting angle	degrees	1.1	1.25	1.79	1.97	2.33	2.5	1.36
Maximum hydraulic pressure	[bar]	255	255	255	255	255	255	255
Main Motor Power	[KW]	7.5	11	15	18.5	30	45	11
Length	[mm]	2940	3820	3820	3820	3820	3820	4820
Width	[mm]	3470	3835	4025	4025	4455	4455	3835
Height	[mm]	1710	1820	1980	2150	2455	2500	1950
Weight	[Kgr]	5.200	7.000	10.500	13.000	17.000	21.500	11.000

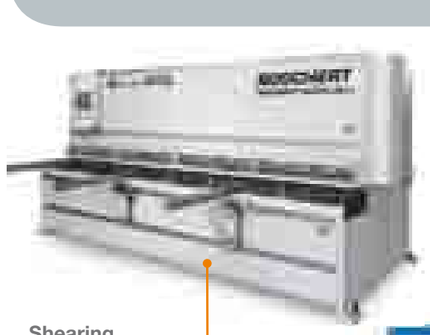
		G Cut® CNC 4010	G Cut® CNC 4013	G Cut® CNC 4016	G Cut® CNC 4020	G Cut® CNC 6006	G Cut® CNC 6010	G Cut® CNC 6013
Maximum cutting thickness mild steel st42	[mm]	10	13	16	20	6	10	13
Maximum cutting thickness stainless steel	[mm]	6	8	12	16	4	6	8
Maximum cutting length	[mm]	4100	4100	4100	4100	6100	6100	6100
Throat depth	[mm]	220	220	220	220	305	305	305
Back gauge stroke	[mm]	1000	1000	1000	1000	1000	1000	1000
Cutting angle	degrees	1.64	2.18	2.18	2.32	1.5	1.5	1.5
Maximum hydraulic pressure	[bar]	255	255	255	255	255	255	255
Main Motor Power	[KW]	15	22	37	55	11	30	37
Length	[mm]	4820	4890	4820	5100	6900	6900	6940
Width	[mm]	4025	4385	4500	4500	4445	4470	4500
Height	[mm]	2065	2216	2470	2800	2220	2300	2346
Weight	[Kgr]	15.000	18.000	24.000	28.000	22.000	28.000	36.000



Gizelis S.A. retains the right to change any technical characteristic without prior notice.

Product Range

Boschert-Gizelis combined product range now covers a large variety of machines required in the sheet metal processing industry namely press brakes, shears, punching and notching machines, combined machines, portal type oxy & plasma cutting. On top of these products Boschert-Gizelis group is able to manufacture special machines on demand.



Shearing

Bending

Combined Punching+Plasma

Plasma Cutting

Punching

After Sale Services

- **Teleservice** 5 days a week
- **Service stations** covering major geographical areas:
  - Germany
  - Greece
  - France
  - Poland
  - Russia
  - India

One Group

One Deal

One service center

One Partner

BOSCHERT GIZELIS

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