



PIPE CUTTING MACHINES

- Pipe Beveling Machines
- Pipe Cutting Machines
- Grinding Machines
- Pipe Stands and Clamps
- Pipe Purging
- Plate Bevellers
- Heat Exchanger, Boiler & Bundle
- Plus so much more.....





GBC INDUSTRIAL TOOLS LTD ARE THE 'PIPE EQUIPMENT SPECIALISTS' FOR THE SUPPLY OF PIPEWORK EQUIPMENT AND TOOLS.

Over the past 30 years our parent company GBC Industrial Tools Spa, has established itself as one of the worlds leading manufacturers of portable pipework machinery, due to its consistent high level of quality, both in product and service. We are pleased to be part of that team.

GBC has established an extensive distribution network to industries across the world. These industries include:

- Petrochemical
- Offshore
- Power Generation
- Heat Exchange Manufacture/ Repair
- Boiler Industry
- Ship Building and Repair
- Nuclear
- General Fabrication
- Site Services



GBC Industrial Tools offer a comprehensive range of on-site machining services, please check with our office for your specific requirements.



Registered address: 7 Drakes Drive, Crendon Business Park
Long Crendon, HP18 9FE

Registered in England & Wales. Registration no. 08966210
VAT no. 190019919

GBC 2700 Saw

Pipe Cold Cutting Recip Saw



TECHNICAL FEATURES

			E-Z SAW	E-SAW E
*	Locking tube range	mm	25-323 o/d.	25-323 o/d.
*	Recommended working range	" (o/d.)	1"-20"	1"-20"
**	Torque	kgm	19,0	27,0
***	Max operating temperature	c°	55	55
***	Max noise level	dB	75	75
**	Pneumatic motor power	hp	1,33	-
**	Air consumption	cfm	55-60	-
**	Air working pressure	psi	90	-
*	Air hose connection	inches	3/4"	-
**	Electric motor power	watt	-	1400 (adj.)
**	Alimentation	volt	-	220
**	Frequency	Hz	-	50
***	Idle speed	strokes/min	300	450
*	Unit weight	kg	11,0	9,0
*	Packing dimensions	mm	640x280x130	640x280x130
*	Packing weight	kg	16	14

* mechanical data
** mathematical data
*** average data

- **Range:** 1" to 20".
- **Function:** cutting up to 45° inclination.
- **Material:** any kind of steel.
- **Power:** pneumatic or electric.
- **Note:** The lightweight construction and ease of set up and operation makes it ideal for site work applications. It is capable of cutting most materials including stainless steel.



ACCESSORIES



Pipe locking vice for 1" to 4". Adjustable blade position to cut angles from 90° to 45°.



Chain vice for 4" to 20".

EXAMPLES OF BLADES

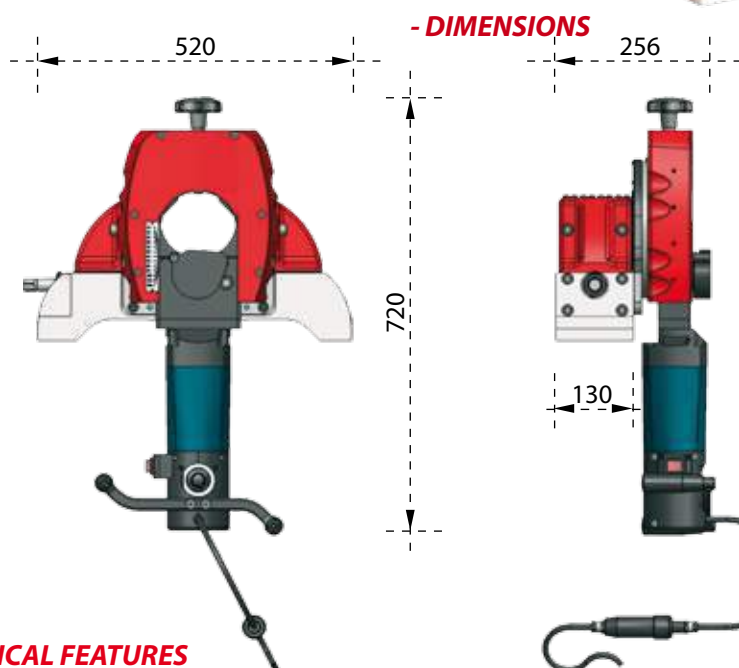


Cutting blades for carbon steel and stainless steel materials.

Pipe 4 Orbital Saw

Range 13 - 120 mm (1/2" - 4 1/2")

The new **Pipe4** with a new design and improved performance, such as increased stability and cut precision. The new cam and slide system enables square, burr free cuts.



TECHNICAL FEATURES

Locking range	mm in	13 ÷ 115 1/2" ÷ 4 1/2"
Pipe Thickness	mm	2 ÷ 8
Idle Speed	rpm	200 ÷ 300
Electric power	hp(W)	2200
Voltage	V	110/220
Frequency	Hz	50/60
Max Acoustic Emission	db	75
Weight	kg	85
*Different voltage available on request		



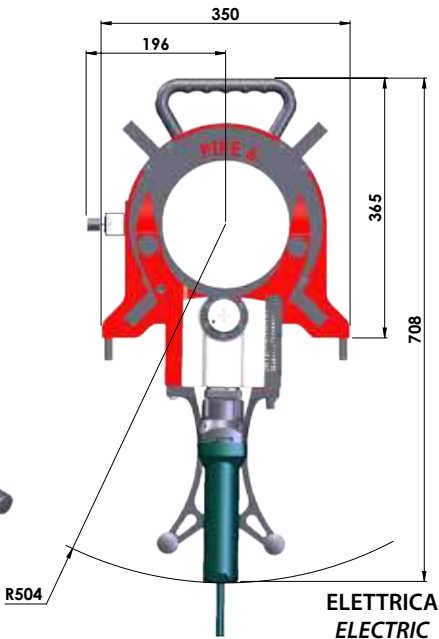
speed selector

Pipe 6 Orbital Saw

Range 23-170mm (1"-6")

Orbital pipe cutter, extremely light (28 Kgs.) equipped with a motor with adjustable speed of 720W, suitable for cutting up to 11mm wall pipes. Fitted with a unique self-centering locking device with 4 points of contact, operated by a simple Allen key and with an onboard digital display for a faster setting.

- Working range: 1"-6";
- Self-centering locking device;
- Automatic detection of the pipe OD;
- Specific beveling blades are available for different beveling angles;



- TECHNICAL FEATURES

OD Locking Range	mm (inches)	23 ÷ 170 (0.90 ÷ 6,69)
Idle Speed	(Rpm)	74 ÷ 291
Pipe Wall Thickness	mm (inches)	1 ÷ 11 (0.039 ÷ 0.43)
Electric Motor Power	Hp (W)	0.96 (720)
Tension	Volt	110 / 230
Frequency	Hz	50 / 60
Max Acoustic Emission	Db	75
Machine Weight	Kg	28

Pipe 8 Orbital Saw

Range 80 - 230 mm (3" - 8")



PIPE8 motorized



speed selector

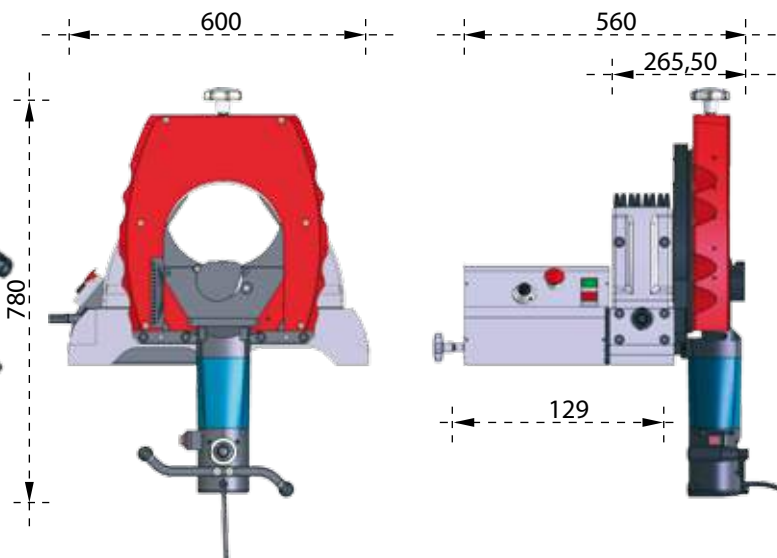


The new **PIPE8** has been redesigned to improve performance, stability and cutting accuracy. It has a new cam and slide system which guarantee square, burr-free cuts every time.

The **PIPE8** is available with manual or motorised rotation.



- DIMENSIONS



TECHNICAL FEATURES

Locking range	mm in	80 ÷ 230 3" - 8"
Pipe Thickness	mm	2 ÷ 10
Idle Speed	Rpm	200 ÷ 300
Machine rotation speed	Rpm	0 ÷ 1,5
Power	Hp(W)	2200
Voltage	V	110/220
Frequency	Hz	50/60
Max Acoustic Emission	db	75
Weight	kg	145

*Different voltage available on request

MCA Lightweight Split Frame Cutting Machine

Cold Cutting Pipe Cutting / Bevelling Machine

Range: 1" - 30" o/d (larger available on request)

Functions: cutting, bevelling, facing, counterboring.

Materials: any kind of steel

Power: pneumatic, electric, or hydraulic

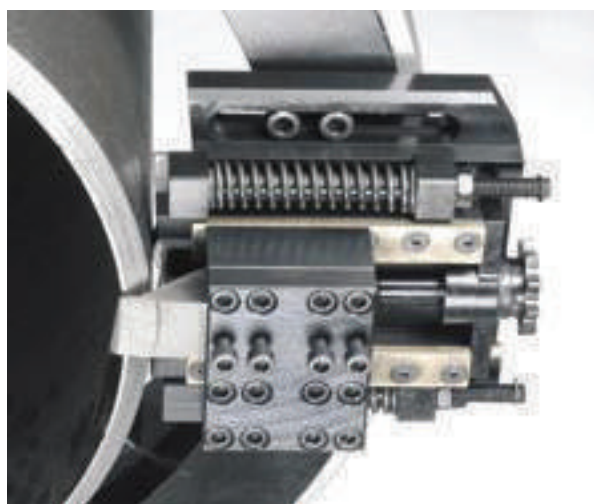
Note: The MCA Cutter range of portable pipe cutting and bevelling machines are designed for easy use even in difficult situations. Thanks to its split frame, low profile and lightweight it can be handled by one operator most of the time.



MCA in pneumatic version, easy to set up thanks to lightweight and low clearance.

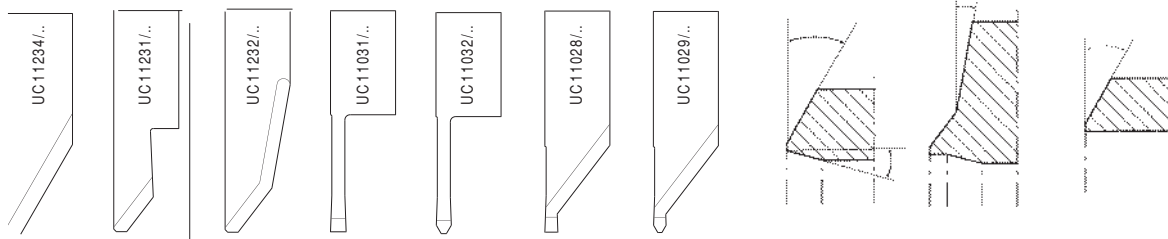


Developed for on site use in pipelines, machine body is split frame type allowing set up of machine at any point along pipelines.



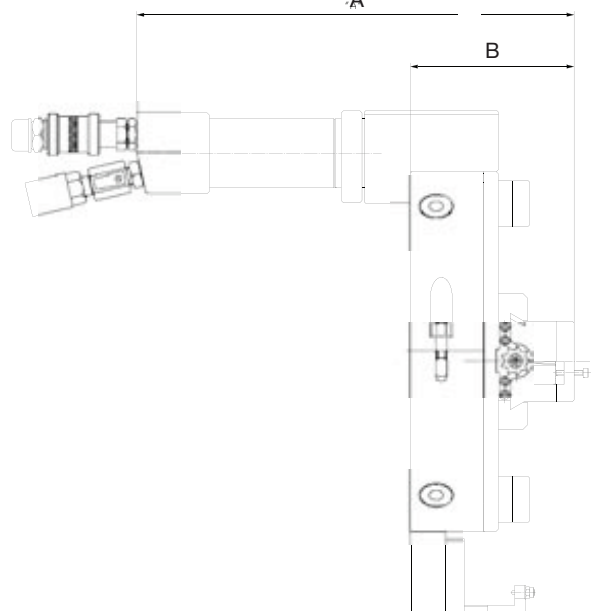
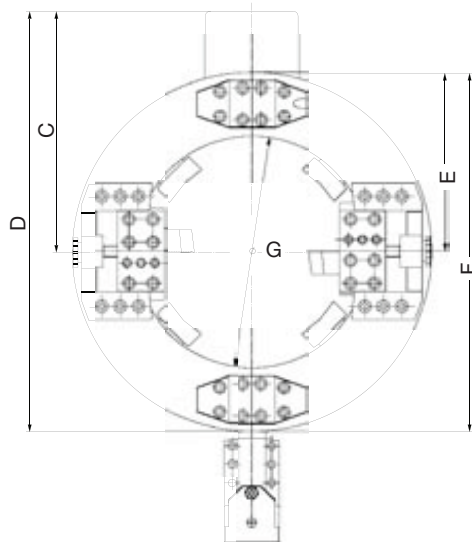
Available two copier toolboxes for following the pipe OD profile, then minimizing the bevel offset due to out of round of pipe.

EXAMPLES OF CUTTER BITS



MCA Lightweight Split Frame Cutting Machine

MOD.	RANGE	SUPPLY	DIM. (mm) A	DIM. (mm) B	DIM. (mm) C	DIM. (mm) D	DIM. (mm) E	DIM. (mm) F	DIM. (mm) G
MCA1	1" - 3 1/2"	pneum. electric	380 570	145 145	152,5 152,5	264,5 264,5	114 114	228 228	112 112
MCA2	2" - 6"	pneum. electric	450 590	159 159	195,5 195,5	342,5 342,5	145 145	290 290	174 174
MCA3	3" - 8"	pneum. electric	490 620	159 159	229 229	396,5 396,5	172 172	344 344	227 227
MCA6	6" - 12"	pneum. electric	490 620	159 159	283 283	511 511	226 226	452 452	335 335
MCA10	10" - 16"	pneum. hyd.	520 350	159 159	345,5 345,5	615,5 615,5	268 268	536 536	419 419
MCA14	14" - 20"	pneum. hyd.	520 350	159 159	396,5 396,5	717,5 717,5	319 319	638 638	521 521
MCA18	18" - 24"	pneum. hyd.	520 350	159 159	455 455	830 830	373 373	746 746	625 625
MCA24	24" - 30"	pneum. hyd.	520 350	159 159	530 530	980 980	448 448	896 896	775 775
MCA30	30" - 36"	pneum. hyd.	520 350	159 159	651 651	1198 1198	547 547	1094 1094	940 940



TECHNICAL FEATURES MCA1 MCA2 MCA3 MCA6 MCA10 MCA14 MCA18 MCA24 MCA30

Pneumatic motor power	Hp (W)	0,7 (510)	1,33 (750)	1,81 (980)	1,81 (980)	3,0 (2200)	3,0 (2200)	3,0 (2200)	3,0 (2200)	3,0 (2200)
Air working pressure	psi	90	90	90	90	90	90	90	90	90
Electric motor power	Watt	750	1020	1020	1020	-	-	-	-	-
Voltage	Volt	220	220	220	220	-	-	-	-	-
Frequency (cycles)	Hertz	50	50	50	50	-	-	-	-	-
Hydraulic motor power	Hp (W)	-	-	-	-	8,4 (6,2)	8,4 (6,2)	8,4 (6,2)	8,4 (6,2)	8,4 (6,2)
Oil working pressure	bar	-	-	-	-	1500-1700	1500-1700	1500-1700	1500-1700	1500-1700
Toolbox stroke	inches	30,0	40,0	50,0	60,0	60,0	60,0	60,0	60,0	60,0
Radial feed rate per rev.	inches	0,0040	0,0040	0,0040	0,0040	0,0040	0,0040	0,0040	0,0040	0,0040
Weight	Kg	18	22	26	44	57	69	85	100	94
Idle Speed	rpm	48	37	30	22	16	13	11	9	7

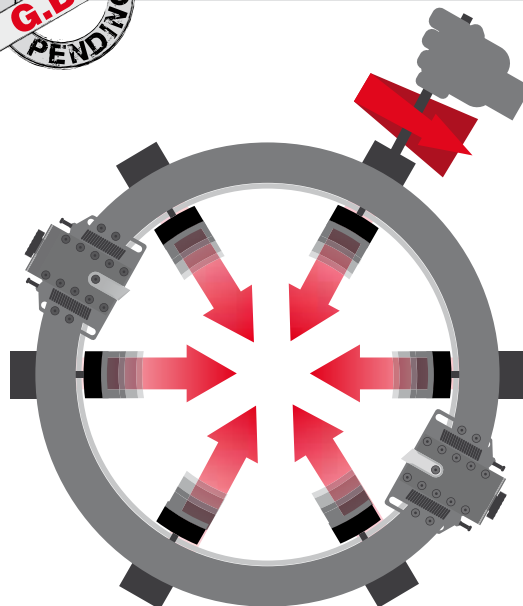
Fast 6 36 Split Frame Machine

Range 153 - 937 mm (6" - 36")



The new **FAST 6_36** is the latest radical innovation from GBC. It has a revolutionary self-centring system. Set up time is reduced and production time increased. The **FAST 6_36** pipe cutting and beveling machine utilises the same split frame design as the popular MCA range for ease of positioning.

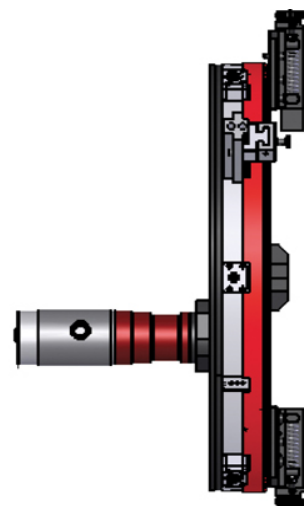
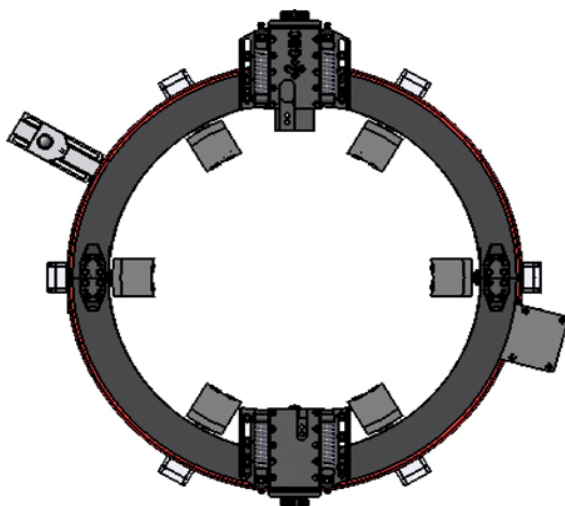
The **FAST 6_36**, is available in three different motorizations (electric, pneumatic and hydraulic), and in its standard equipment also lists two copier tool holders for the compensation of eventual irregularities caused by ovalization of the pipe.



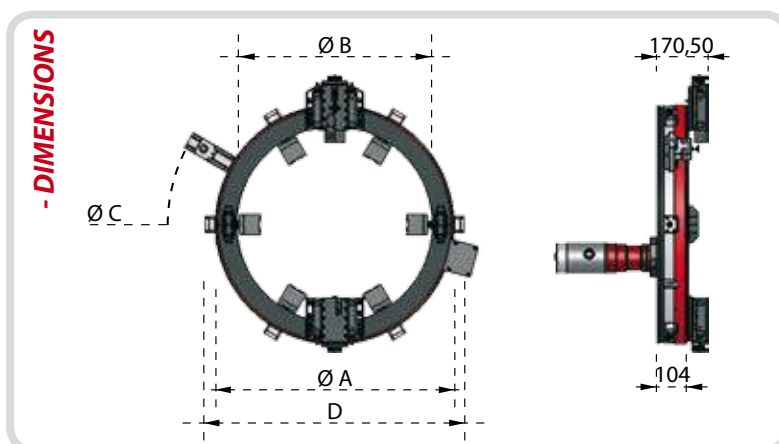
Copier toolbox



High resistance clamping pad



Fast 6 36 Split Frame Machine



RANGE	DIMENSIONS (mm)			
	Ø A	Ø B	Ø C	D
06" - 12"	515	370	860	580
12" - 18"	665	520	1010	730
18" - 24"	815	670	1160	880
24" - 30"	965	820	1310	1030
30" - 36"	1115	970	1460	1180

TECHNICAL FEATURES

		Pneu.	Elec.	Hyd.
Motor Power	hp	3		15
	W	2200		11025
Air Consumption	L/min	3000		
	cfm	100/110		
Working Pressure	Bar	6		100
	psi	90		1500
Electric Motor Power	HP		1,33	
	W		1020	
Power Supply (Frequency)	V (Hz)		230 (50/60)	
Working Power	HP			8
	W			5880
Oil Flow	Lt/min			40
Tool Holders Stroke	mm		60	
	inch		2,36	
Tool Radial Feeding	mm		0,075	
	inch		0,003	
Machine Idle Speed	rpm		23	
Weight	Kg		90 ÷ 145	
	lbs			
Acoustic Emissions	dB		75 ÷ 78	

Supercutter

Pipe cutting/bevelling machine

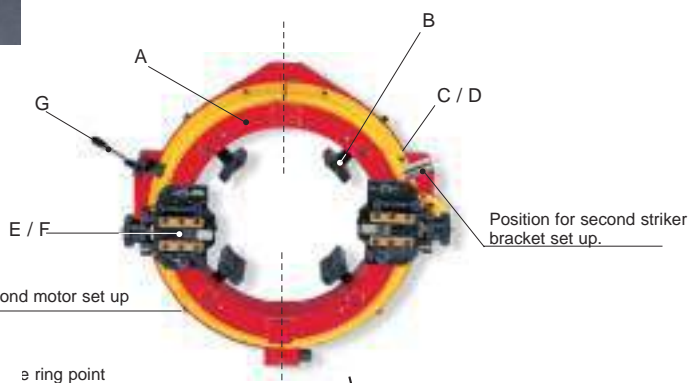
- **Range:** 6" - 60" o/d .
- **Functions:** cutting, bevelling, facing, counterboring.
- **Materials:** any kind of steel.
- **Power:** pneumatic/hydraulic.
- **Note:** the SUPERCUTTER range of portable pipe cutting and bevelling machines are ruggedly designed to work in the most arduous conditions. The split frame design enables in-line pipe to be cut and bevelled simultaneously. Various models of machines cover from 6" to 60" diameter. All types of weld prep can be achieved up to 60 mm wall thickness.



The two upper locking jaws are pre-adjustable upon standard diameters.



Tool boxes follow the contour of the pipe to give you an accurate weld prep.



- * B clamping pads
- * C pneumatic motor
- * D hydraulic motor
- * E external dancer spring loaded tool boxes
- * F internal dancer spring loaded tool boxes
- * G striker bracket
- * H filter lubricator
- * I hydraulic power pack
- * L coolant tray and pump

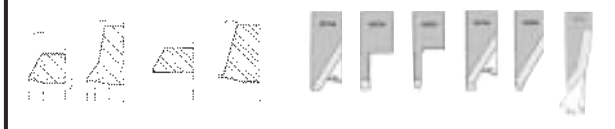
* Double motor drive available on request.

* Can be interchangeable with any size machine.

RANGE	SUPPLY	A	B	C	D	E	F	G	H	I	L
06" - 12"	pneum.	1	4	1	2	2	opt.	1	opt.	opt.	opt.
06" - 12"	hd.	1	4	1	2	2	opt.	2	opt.	opt.	opt.
12" - 18"	pneum.	1	4	1	2	2	opt.	1	opt.	opt.	opt.
12" - 18"	hd.	1	4	1	2	2	opt.	2	opt.	opt.	opt.
18" - 24"	pneum.	1	4	1	2	2	opt.	1	opt.	opt.	opt.
18" - 24"	hd.	1	4	1	2	2	opt.	2	opt.	opt.	opt.
24" - 30"	pneum.	1	4	1	2	2	opt.	1	opt.	opt.	opt.
24" - 30"	hd.	1	4	1	2	2	opt.	2	opt.	opt.	opt.
30" - 36"	pneum.	1	4	1	2	2	opt.	1	opt.	opt.	opt.
30" - 36"	hd.	1	4	1	2	2	opt.	2	opt.	opt.	opt.
36" - 42"	pneum.	1	6	2	2	2	opt.	1	opt.	opt.	opt.
36" - 42"	hd.	1	6	2	2	2	opt.	2	opt.	opt.	opt.
42" - 48"	pneum.	1	6	2	2	2	opt.	1	opt.	opt.	opt.
42" - 48"	hd.	1	6	2	2	2	opt.	2	opt.	opt.	opt.
48" - 54"	pneum.	1	6	2	2	2	opt.	1	opt.	opt.	opt.
48" - 54"	hd.	1	6	2	2	2	opt.	2	opt.	opt.	opt.
54" - 60"	pneum.	1	6	2	2	2	opt.	1	opt.	opt.	opt.
54" - 60"	hd.	1	6	2	2	2	opt.	2	opt.	opt.	opt.

Note:
Models from 6" to 12" or smaller, now also available on request in lightweight, slim-line aluminium .

EXAMPLES OF CUTTING AND BEVELLING TOOLS



Supercutter

			SC	SC HD
**	Pneumatic motor power	hp	3,00	-
**	Air consumption	cfm	100/110	-
**	Air working pressure	psi	90	-
**	Hydraulic motor power	hp	-	15
***	Working power	hp	-	8
**	Oil working pressure	psi	-	1500-1700
**	Oil Flow	Lt/min	-	40
*	Radial feed rate per revolution	inches	0,004	0,008
*	Tool box feed	inches	2,36	

mechanical data

*** mathematical data*

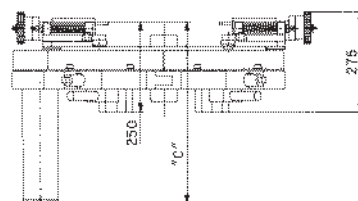
**** average data*

RANGE	SUPPLY	RPM	WEIGHT**	"A"	"B"	"C"
06" - 12"	pneum.	26	143	800	750	500
06" - 12"	hd.	26	143	800	750	370
12" - 18"	pneum.	21	175	917	863	500
12" - 18"	hd.	21	175	917	863	370
18" - 24"	pneum.	17	225	1099	1041	500
18" - 24"	hd.	17	225	1099	1041	370
24" - 30"	pneum.	14	270	1255	1193	500
24" - 30"	hd.	14	270	1255	1193	370
30" - 36"	pneum.	12	336	1411	1346	500
30" - 36"	hd.	12	336	1411	1346	370
36" - 42"	pneum.	10	366	1610	1615	500
36" - 42"	hd.	10	366	1610	1615	370
42" - 48"	pneum.	9	410	1760	1770	500
42" - 48"	hd.	9	410	1760	1770	370
48" - 54"	pneum.	8	466	1910	1935	500
48" - 54"	hd.	8	466	1910	1935	370
54" - 60"	pneum.	7	515	2065	2090	500
54" - 60"	hd.	7	515	2065	2090	370

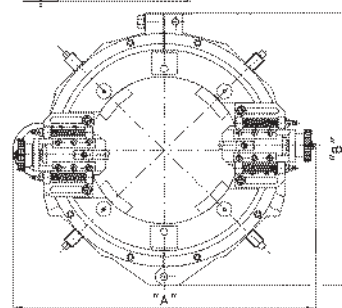
** Net weight of the frame (Kg)

TECHNICAL FEATURES

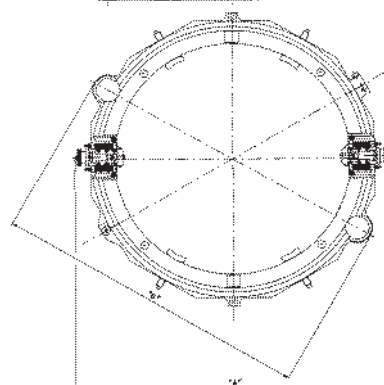
- All units are supplied complete with all clamping pads to cover the full range of the machine. Service tools, drawings, instruction manual and warranty certificate are also supplied as standard.
- Each machine is supplied with a protective wooden case.
- We strongly recommend the use of a portable filter lubricator with all our pneumatic models.
- Further information available on our hydraulic power pack.



Models from 6" up to 36"



Models from 36" up to 60"



All models have a split frame design to allow a quick set up in any point of the pipe.

OPTIONAL



A hydraulic power pack available with either manual or remote control.



Collecting tray and pump to pass coolant to the cutting area.



15 hp hydraulic motor.

Hypercutter

Pipe cold cutting and bevelling machines



A hydraulic cold cutting and beveling machine for the heaviest of applications, suitable for factory or on-site work.



The unit is also equipped with two copier toolboxes with the spring loaded pipe OD tracking system, minimizing the bevel offset on out of round pipe.

RANGE:

60" - 96" o/d.

FUNCTIONS:

PIPE COLD CUTTING , BEVELLING ,
FACING , COUNTERBORING.

MATERIALS:

CARBON STEEL , ALLOY , STAINLESS
STEEL , DUPLEX..

POWER:

HYDRAULIC

NOTE:

THE HYPERCUTTER RANGE
OF PORTABLE PIPE CUTTING &
BEVELLING MACHINES ARE DESIGNED
TO MEET ON SITE HEAVY DUTY
REQUIREMENTS ON LARGE PIPELINE
DIAMETERS.

SPLIT FRAME BODY AND COPIER
TOOLBOXES ARE STANDARD
FEATURES.

Extremely rugged in design, the Hypercutter is equipped with 8 heavy duty locking feet for rapid set up on all pipe diameters within its range.



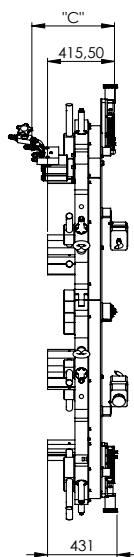
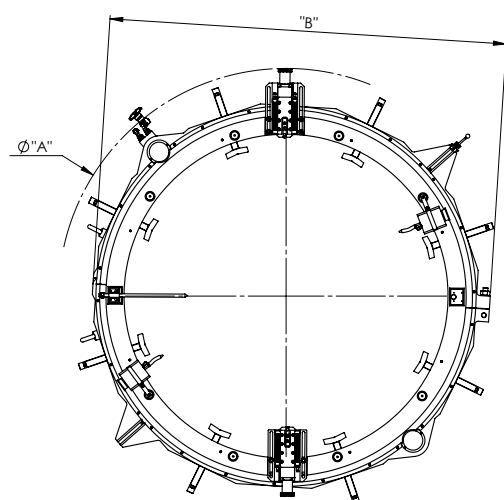
The Hypercutter is a split frame design for ease of set up and operation along pipelines.

Hypercutter

TECHNICAL FEATURES

Nominal hydraulic motor power	hp(kw)	40,2(30)
Hydraulic motor working power	hp(kw)	33,5(25)
Oil flow rate	gpm	15,84
Oil pressure	psi	1740
Oil hose connection	inches	3/4
Radial feed rate per revolution	inches	0,008
Tool box stroke	inches	2,75
Max noise level	dB	75

O/D RANGE	SUPPLY	gg/min rpm	WEIGHT	A	B	C
60" - 72"	Hydraulic	7	1550	2830	2465	513
72" - 84"	Hydraulic	7	1750	3000	2771	513
84" - 96"	Hydraulic	7	1930	3300	3075	513



MODELS FROM 60" UP TO 96"

OPTIONAL

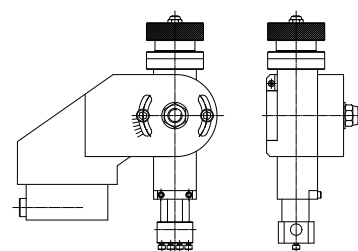


COLLECTING TRAY

TANK FOR COLLECTING SWarf ON DUTY, EQUIPPED WITH FORCED COOLANT CIRCULATION.



HYDRAULIC POWER PACK OIL TANK 250 L, WITH REMOTE CONTROL AND INTER-COOLER FOR EXTREMELY HEAVY DUTY WORKING SESSION & ENVIRONMENTAL



TOOLBOX FOR INSIDE BEVEL AND ID BORING UP TO 100MM DEPTH

Hycube 12-24

Range 304,8 - 609,6 mm (12" - 24")

Ideal for considerably high productivity cutting and bevelling operations on series of pipe segments. Very stable steel chassis designed for quick and precise setup operations. Equipped with on board hydraulic power pack to reduce the encumbrance and to have an all-in-one piece of equipment enabling the semi-automatic lock/release operations of the pipe.

The rotation speed is adjustable through an on board speed-change drive. Conceived both for a standard positioning of the pipe as well as the positioning on pipe holders on rails.



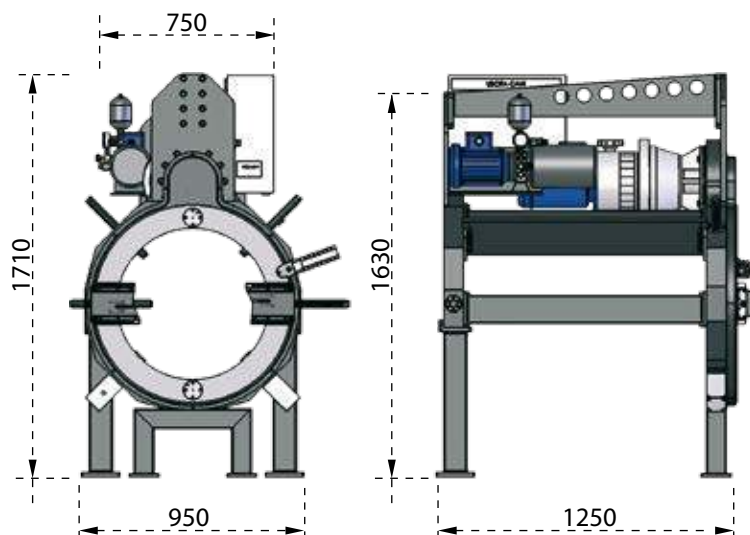
- Stationary pipe beveller for pipe diameters from 12" to 24";
- On board hydraulic Power Pack;
- Semi-automatic Lock/Release function through an on board hydraulic power pack;
- Adjustable speed rotation achieved by an on board speed-change drive;
- Stable Steel Chassis designed for a quick and precise setup;
- Pipe positioning with pipe stand on rails.



Hycube 12-24

Range 304,8 - 609,6 mm (12" - 24")

- DIMENSIONS



- TECHNICAL FEATURES

External \varnothing locking range	mm in	304.8 - 609.6 12-24
Idle Speed (Min)	rpm	7
Idle Speed (Max)	rpm	37
Cutting Speed (Min)	mm/min	13.24
Cutting Speed (Max)	mm/min	32
Axial Stroke	mm in	50 1.95
Electric Motor Power	W hp	5500 7.48
Tension	V	400
Frequency	Hz	50/60
Weight	kg	1030
*Different voltage available on request		

TAF 10-120

Range 273 - 3048 mm (10" – 120")

TAF120 is a new machine conceived for pipe cold cutting technology for pipe range from 10" to 120", with an innovative chain locking system through which we can grant an excellent stability of the unit during the cutting process.

The combination of two lateral chains and a central guiding belt ensures a high precision as well as a high finishing grade for the execution of the various working phases.

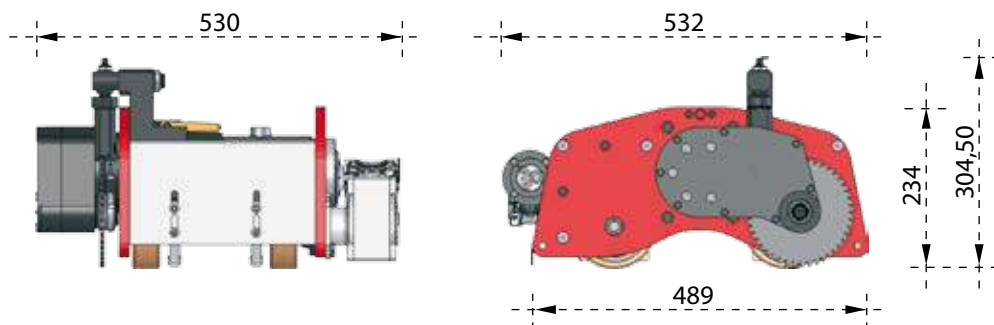
The quick and easy setup and the new design are the added value to this new born model.

The feeding system is equipped with rubber wheels which ensure strong grip and therefore enables the machine to be set up in any position. Available in pneumatic and hydraulic version.



TAF 10-120

- DIMENSIONS



TECHNICAL FEATURES

Locking range	mm in	273 ÷ 3048 10 ÷ 120
Pneumatic motor power	hp(W)	4 3100
Air consumption	Nl/min cfm	2800 98.9
Pressure	bar psi	6 90
Saw blade Idle Speed	RPM	312 ÷ 450
Air hose connection	inches	3/4"
Saw blade (Ø)	mm	160
Cutting speed		220 m/min
Max workable thickness	mm in	45 1.143
Feeding system		4 rubber wheels drive
Machine rotation direction		counter-clockwise
Feeding speed	mm/min inch/min	0 ÷ 214 0 ÷ 8.42
Weight (body only)	kg	120
Pipe Locking system		roller chain
Guiding system		expandible sector chain

*Different voltage available on request

TI Casing Machine Cutter

Range 7" - 13 3/8" (API casings)

GBC portable machine for Casing Cut & Bevel

No stabilizers, centralizers, rings or adaptors needed

Cut & bevel to any depth (no limit)

Machine can be operated fully remote

Portable for on-site application

Reduced wellhead downtime

The GBC TI machine is engineered to cut a complete section of a casing with a precision depth. It can be lowered down to the cut line in the well, at any depth.

The automatic hydraulic ID clamp is made with 2 independent sections, between those mounted in the blade holder. During the cutting operations, the blades are gradually deployed outside the chuck by mechanical action until the cut is completed. An electronic counter located, indicates the blade's trip stroke. The tool post feeding is reversible for the blade retraction.

The machine can also be operated fully remote.



RANGE:

7" to 13 3/8" API casing

FUNCTIONS:

Internal tube cutting & beveling

MATERIALS:

Carbon steel, alloys & stainless steel

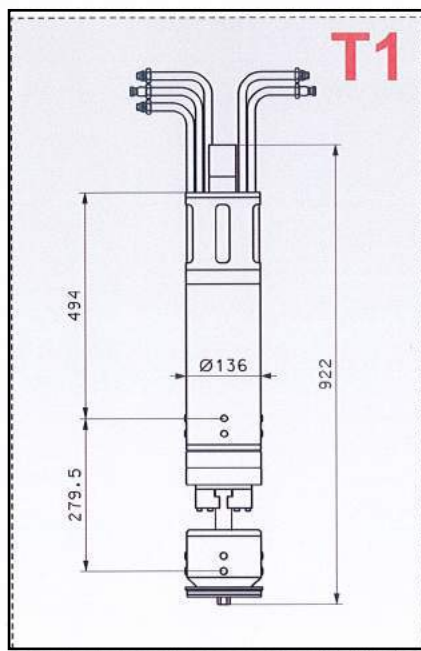
POWER:

Hydraulic

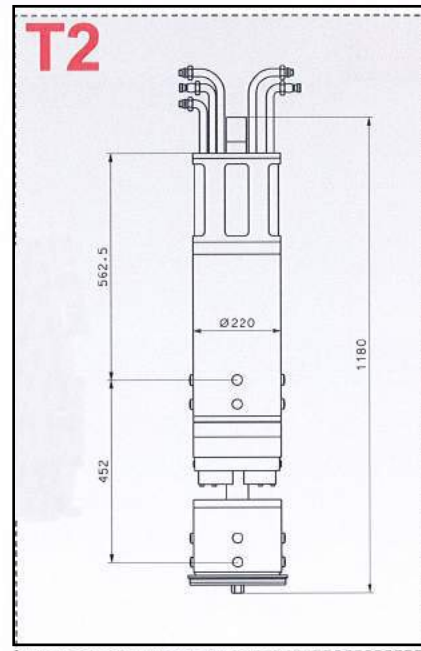
TI Casing Machine Cutter

TECHNICAL FEATURES

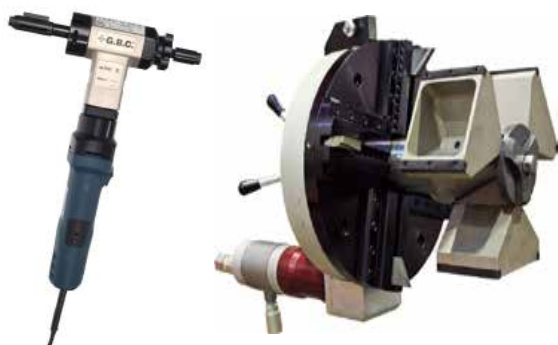
		TI 1	TI 2
Capacità bloccaggio	mm (Æi)	145-221	239-315
Locking range	inch (Æ id)	5.70-8.70	9.40-12.40
Velocità a vuoto	gg/min	24	20
Idle speed	Rpm	24	20
Corsa radiale	mm	20	30
Radial stroke	inch	0.787	1.181
Avanzamento radiale al giro	mm	0.1	0.1
Radial feed per rev.	inch	0.004	0.004
Potenza nominale motore idraulico	Hp/Kw	2.3-1.7	8.1-6
Nominal hydraulic motor power	Hp/Kw	2.3-1.7	8.1-6
Erogazione olio	L/min	20	40
Oil flow rate	gpm	5.2	10.4
Pressione di lavoro	bar	70	85
Oil pressure	psi	1015	1232
Peso macchina	Kg	59	110
Unit weight	LBS	131	244



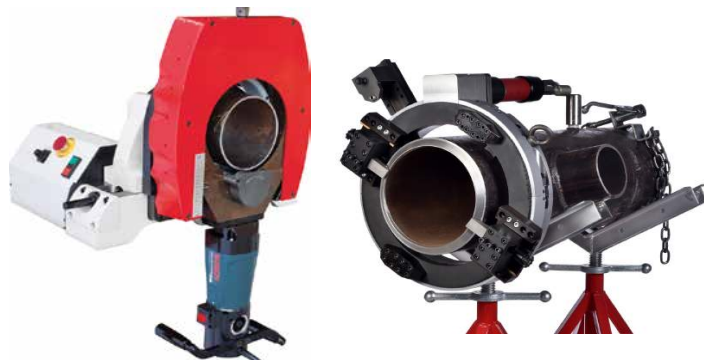
DIMENSION



We Also Supply



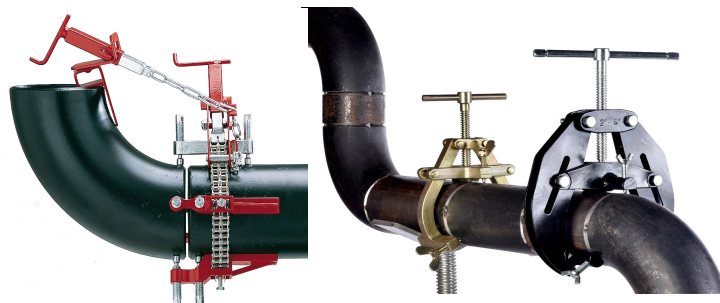
PIPE BEVELLING MACHINES



PIPE CUTTING MACHINES



PLATE BEVELLERS



PIPE ALIGNMENT CLAMPS



PIPE STANDS



PIPE PURGING

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We are the leading supplier of rental pipework fabrication equipment and we have an unrivalled range and quantity of equipment available off the shelf; from pipe bevelling and cutting to tube pulling and expanding, including:

- Pipe and Plate Beveling Machines
- Pipe Cutting Machines
- Pipe Clamps and Stands
- Bundle Pullers
- Tube Expanding Machines
- Rolling Motors for Tube Expanders
- Tube Pulling Machines
- Reciprocating Saws
- Orbital Pipe Saws
- Flange Facing Machines

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