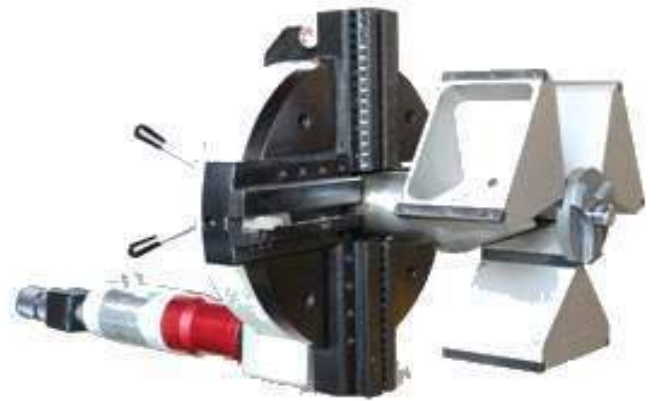


# PIPE BEVELLING



Pipe Beveling Machines  
Pipe Cutting Machines  
Grinding Machines  
Pipe Stands and Clamps  
Pipe Purging  
Plate Bevelers  
Heat Exchanger, Boiler & Bundle

 **GBC UK**   
THE CUTTING & BEVELLING EXPERTS

# MINI K SERIES

## Portable pipe bevelling machine

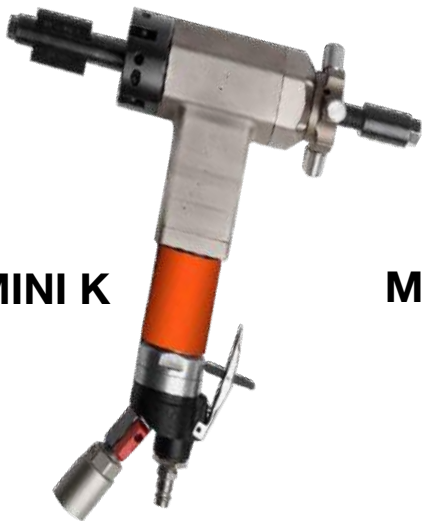
**Range:** 20 - 42 mm i/d (optional from 12,5 mm i/d).

**Functions:** bevelling, facing, counterboring.

**Materials:** any kind of steel, aluminum or plastic.

**Power:** pneumatic or electric (110v or 220v)

The MINI K is a lightweight yet powerful pipe beveller. It's 60mm body makes it ideal for use in environments where access is restricted. The ease of set up and operation make it a favourite for use in power stations, shipyards or workshops.



**MINI K**



**MINI KE**



**MINI KC**  
**CORDLESS**



**MINI K AUTOLOCK**  
For repetitive work



**MINI K40**  
40mm body width for very limited access



**MINI K AUTOMATIC**  
Fully automatic operation

# OPTIONAL



**REDUCED SHAFTS**  
WITH A CHOICE OF INTERCHANGEABLE TOPS TO COVER A RANGE FROM 12,5 mm TO 21mm/d.

Shaft	Locking range (i/d.) mm	Locking range (i/d.) inches
12,4 Ø	12,5 - 15	0.49 - 0.59
13,9 Ø	14 - 18	0.55 - 0.71
16,9 Ø	17 - 21	0.67 - 0.83
kit	12,5 - 21	0.49 - 0.83

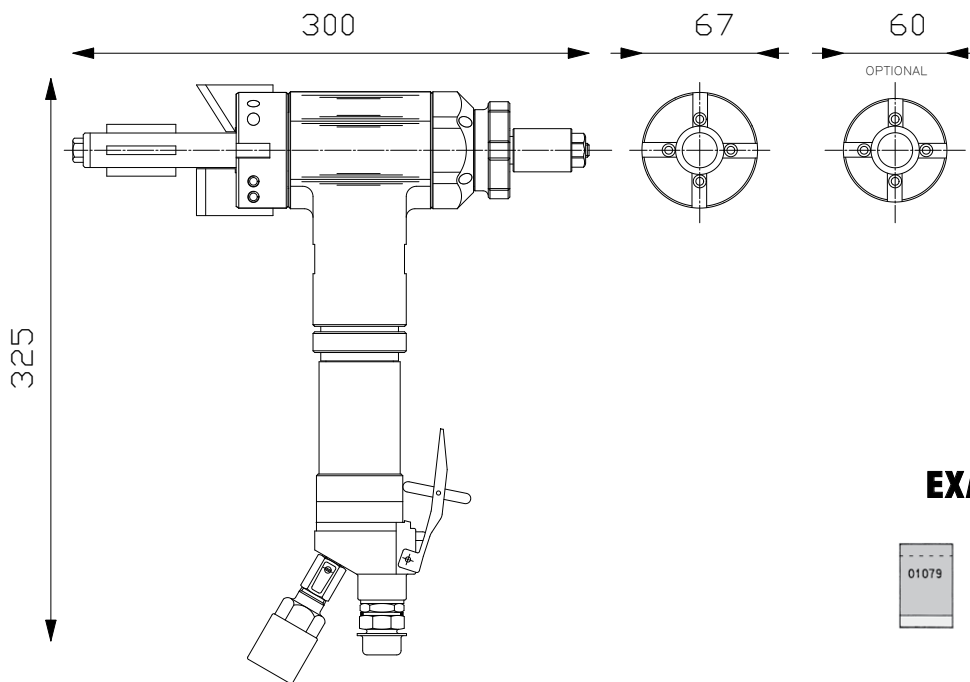


**ELBOW LOCKING SHAFTS**  
AVAILABLE TO COVER A RANGE FROM 25 TO 51mm/d.

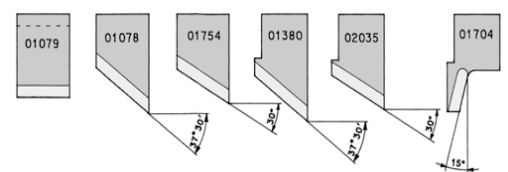
Shaft	Locking range (i/d.)	
	mm	inches
25 Ø	25 - 39	0.98 - 1.54
35 Ø	38 - 51	1.50 - 2.01
25+35 kit	25 - 51	0.98 - 2.01

## TECHNICAL FEATURES

		MINI K	MINI	K E
Locking range	mm Ø id.)	20-42		20-42
Idle speed	Rpm	245		250
Torque	Nm	29		45
Feeding stroke	mm	23		23
Pneumatic motor power	Hp (W)	0,583 (430)		-
Air consumption	cfm	15-18		-
Air pressure	psi	90		-
Air hose connection	inches	1/2"		-
Electric motor power	Watt	-		670
Voltage	Volt	-		110/220
Frequency (cycles)	Hz	-		50
Max noise level	dB	75		75
Unit weight	Kg	4,8		5,5



## EXAMPLES OF CUTTER BITS



All units are supplied complete with all gripping segments 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 carrying case. **We strongly recommend the use of the GBC portable filter lubricator with all our pneumatic models.**

# TC73

## portable pipe bevelling machine

Range  $\varnothing$ e 10-73 mm (0.39"-2.87")



TC pipe beveler with OD locking system in line with cutter head.  
Different sizes of locking jaw available according to tube size.

**RANGE :**  
10 - 73mm  $\varnothing$ d.

**FUNCTIONS :**  
BEVELLING/FACING  
COUNTERBORING

**MATERIALS :**  
ANY KIND OF STEEL

**POWER :**  
PNEUMATIC/ELECTRIC

**NOTE :**  
DEVELOPEE FOR BEVELLING  
MEMBRANE/ALL PANELS IN SPOT  
OF 60MM SOLID BARS AND ALL  
WORKING CONDITIONS WHICH DO  
NOT ALLOW D CLAMPING

## TC E

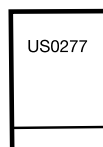
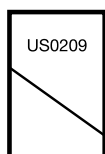
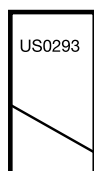


Electric version available or a conversion kit to easily change pneumatic to electric



The motor can be mounted 90° or in line to suit working conditions.

### EXAMPLES OF CUTTER BITS



## TECHNICAL FEATURES

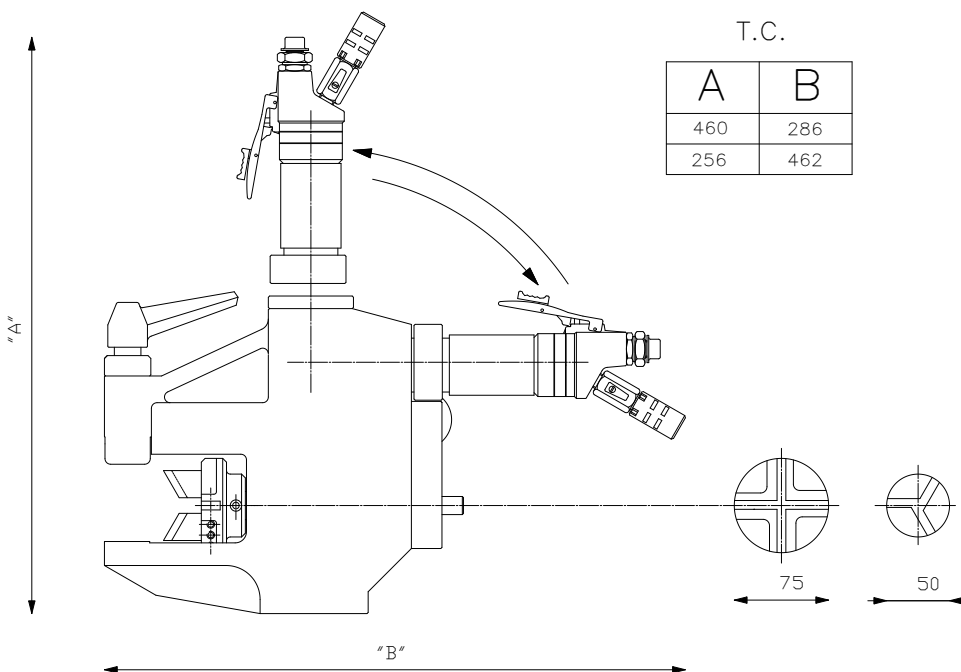
**TC TC E**

Locking range	mm $\varnothing$ o/d.)	10-73	10-73
Idle speed	Rpm	110	75
Torque	Nm	56	82
Feeding stroke	mm	30	30
Pneumatic motor power	Hp (W)	0,70 (510)	-
Air consumption	cfm	34-36	-
Air pressure	psi	90	-
Air hose connection	inches	1/2"	-
Electric motor power	Watt	-	750
Voltage	Volt	-	110/220
Frequency (cycles)	Hz	-	50
Max noise level	dB	75	75
Unit weight	Kg	12,0	13,0

## OPTIONAL



50MM DIACUTTER HEAD AVAILABLE FOR TIGHT SPOTS



All units are supplied complete with all gripping segments 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 carrying case.  
**We strongly recommend the use of the GBC portable filter lubricator with all our pneumatic models.**

# BOILER K SERIES

## Portable pipe beveling machine

The BOILER STD is a versatile, robust and reliable pipe beveling machine. Used mainly for boiler maintenance in power stations and new boiler manufacturing.

**Range:** 28 -76mm ID (optional from 20mm ID)

**Functions:** beveling, facing, counterboring.

**Materials:** any kind of steel, aluminum or plastic.

**Power:** pneumatic or electric (110v or 220v)



**BOILER K**



**BOILER KC**



**BOILER KE**  
110V & 230V



**BOILER K AUTOLOCK**

Auto locking system available for time saving in repetitive work.



## TECHNICAL FEATURES

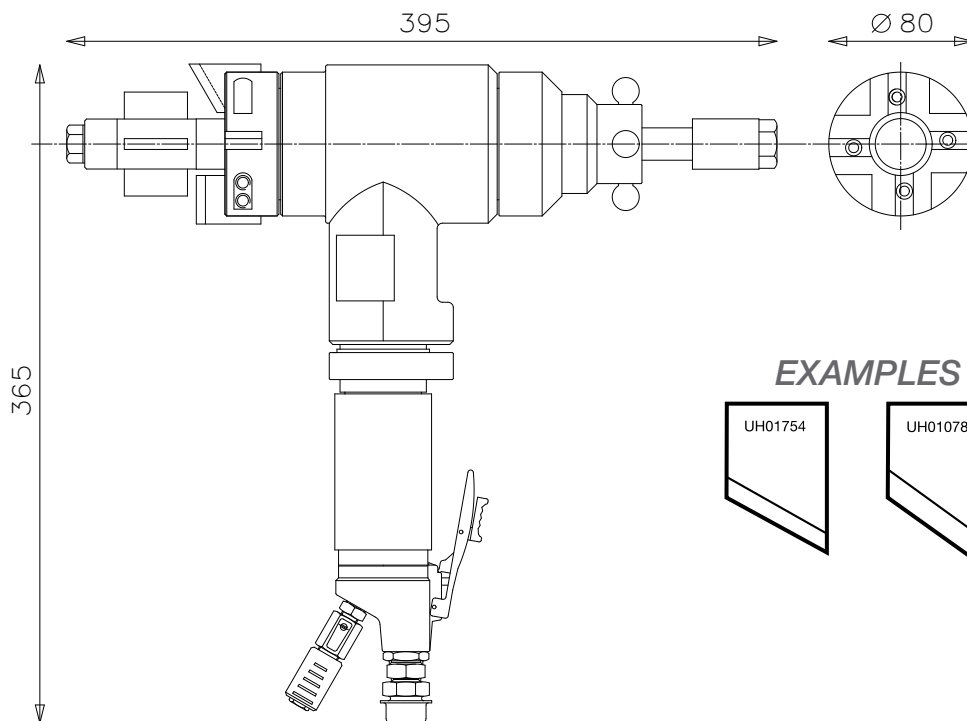
### BOILER STD BOILER E

Locking range	mm (ø o/d.)	28-76	28-76
Idle speed	Rpm	110	75
Torque	Nm	56	82
Feeding stroke	mm	40	40
Pneumatic motor power	Hp (W)	0,70 (510)	-
Air consumption	cfm	34-36	-
Air pressure	psi	90	-
Air hose connection	inches	1/2"	-
Electric motor power	Watt	-	800
Voltage	Volt	-	110/220
Frequency (cycles)	Hz	-	50
Max noise level	dB	75	75
Unit weight	Kg	8,0	9,0

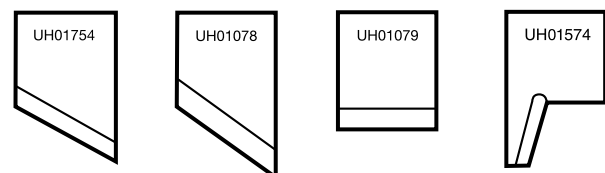
## OPTIONAL



Shaft	Locking range (i/d.) mm	Locking range (i/d.) inches
20 Ø	20 - 30	0.79 - 1.18



### EXAMPLES OF CUTTER BITS



All units are supplied complete with all gripping segments 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 carrying case. We strongly recommend the use of the GBC portable filter lubricator with all our pneumatic models.

# BOILER 1-4

## Portable pipe bevelling machine

- **Range:** 20-108 mm i/d
- **Functions:** bevelling, facing, counterboring.
- **Materials:** any kind of steel.
- **Power:** pneumatic / electric.
- **Note:** the weight / power ratio makes it perfect for maintenance in power station shut-downs & boiler repair work.



**BOILER 1-4E**  
110V & 230V  
versions available



**BOILER 1-4 AUTOLOCK**  
Auto locking device  
for repetitive work.



**BOILER 1-4 AUTO**  
Fully automatic operation



## TECHNICAL FEATURES

### BOILER 1-4

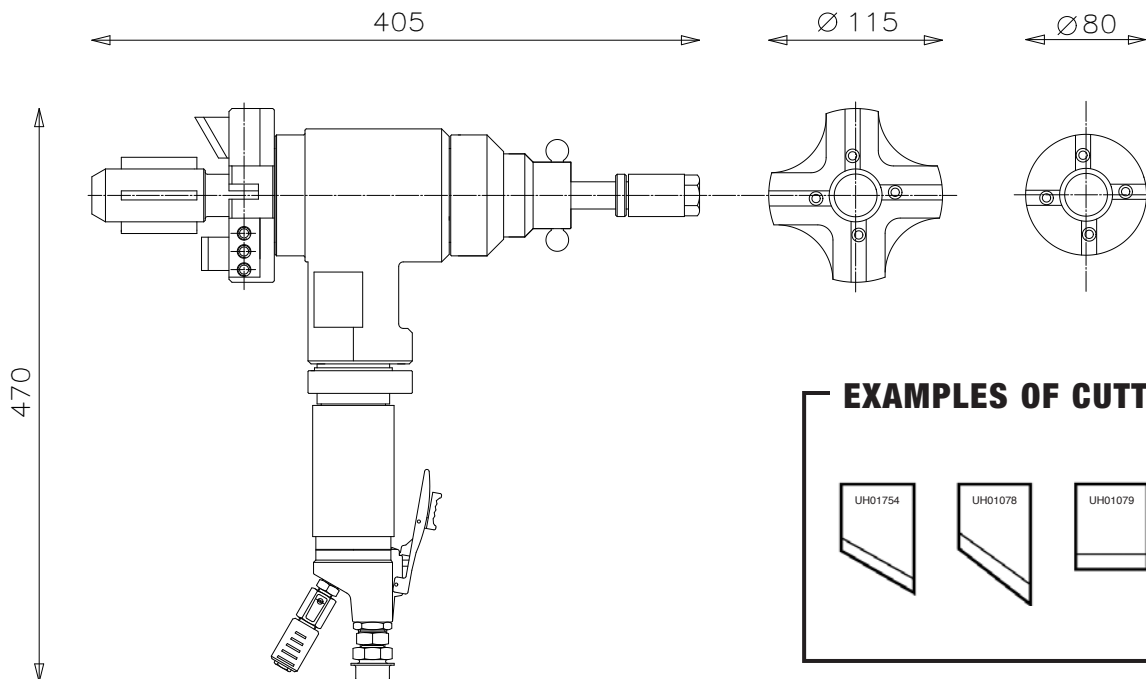
### BOILER 1-4E

Locking range	mm $\varnothing$ i/d.)	23-108	23-108
Idle speed	Rpm	70	70
Torque	Nm	140	143
Feeding stroke	mm	40	40
Pneumatic motor power	Hp (W)	1,33 (1020)	-
Air consumption	cfm	55-60	-
Air pressure	psi	90	-
Air hose connection	inches	3/4"	-
Electric motor power	Watt	-	800
Voltage	Volt	-	110/220
Frequency (cycles)	Hz	-	50
Max noise level	dB	75	75
Unit weight	Kg	9,0	10,0

## OPTIONAL



AVAILABLE HUCK DIAM 80MM FOR TIGHT SPOTS



All units are supplied complete with all gripping segments 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 carrying case. We strongly recommend the use of the GBC portable filter lubricator with all our pneumatic models.

# SUPERBOILER T4

## Portable pipe bevelling machine

- **Range:** 39 - 104 mm i/d .
- **Functions:** bevelling, facing, counterboring.
- **Materials:** any kind of steel.
- **Power:** pneumatic/electric.
- **Note:** an extremely powerful machine designed to handle all the tough heavy wall tubes. Due to its power is commonly used for seal weld removal on boiler re-tube jobs



### SUPERBOILER T4 AUTOLOCK

Auto locking device available for repetitive work.

### SUPERBOILER T4 E

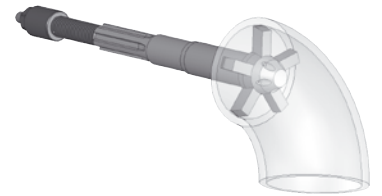
110V & 230V

## TECHNICAL FEATURES

### SB T4 SB T4 E

Locking range	mm ø i/d.)	39-104	39-104
Idle speed	Rpm	70	70
Torque	Nm	180	245
Feeding stroke	mm	40	40
Pneumatic motor power	Hp (W)	1,33 (1020)	-
Air consumption	cfm	55-60	-
Air pressure	psi	90	-
Air hose connection	inches	3/4"	-
Electric motor power	Watt	-	1020
Voltage	Volt	-	110/220
Frequency (cycles)	Hz	-	50
Max noise level	dB	75	75
Unit weight	Kg	17,0	18,0

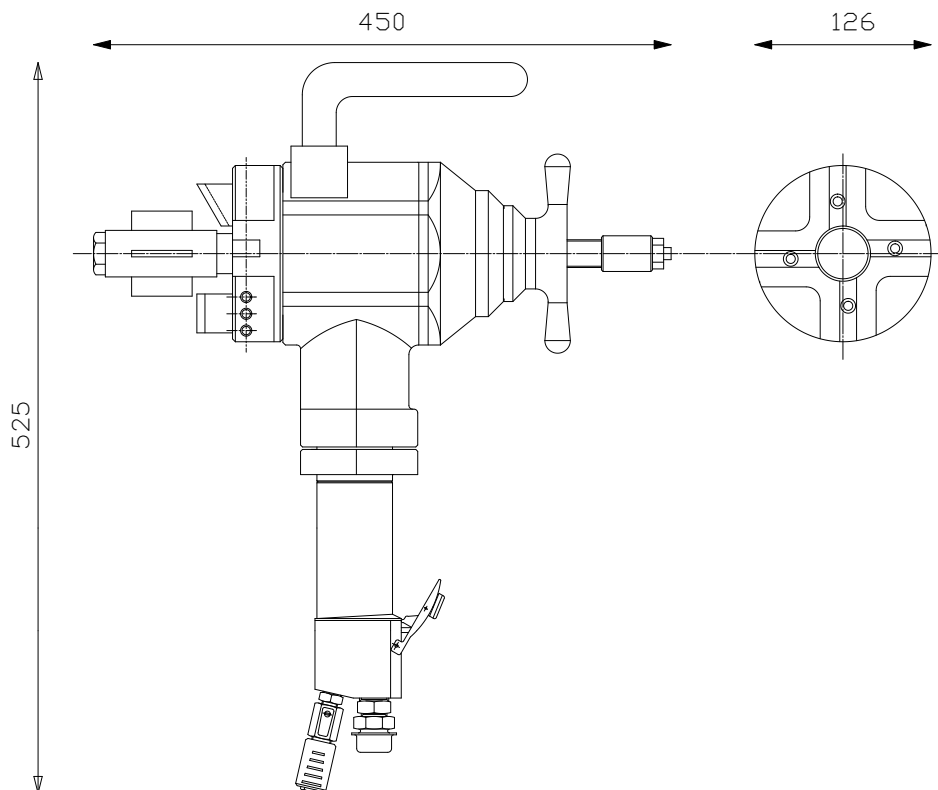
## OPTIONAL



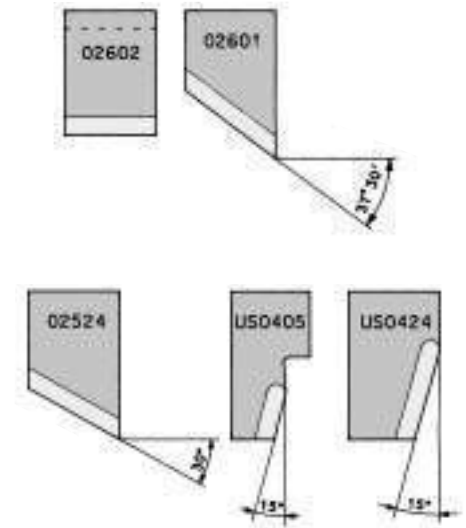
### ELBOW LOCKING SHAFTS

AVAILABLE COVER RANGE FROM 46 TO 103mm i/d.

Albero Shaft	Locking range (i/d.) mm	inches
45 Ø	46 - 103	1.81 - 4.06



## EXAMPLES OF CUTTER BITS



All units are supplied complete with all gripping segments 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 carrying case. We strongly recommend the use of the GBC portable filter lubricator with all our pneumatic models.

# SUPERBOILER T5

## Portable pipe bevelling machine

- **Range:** 49 - 203 mm i/d .
- **Functions:** bevelling, facing, counterboring.
- **Materials:** any kind of steel.
- **Power:** pneumatic/electric.
- **Note:** a powerful machine able to produce fast accurate weld preps on any schedule and material of pipe effortlessly. Optional extras include a flange facing attachment.



### SUPERBOILER T5 AUTOLOCK

Auto locking device  
available for repetitive work.



### SUPERBOILER T5 E

110V & 230V

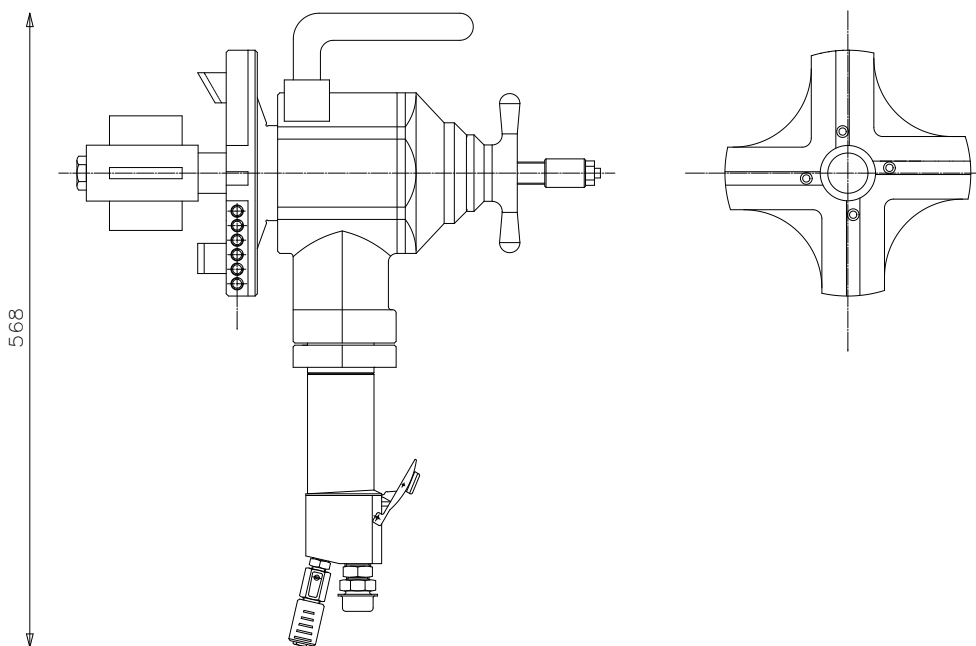
## TECHNICAL FEATURES

### SB T5 SB T5 E

Locking range	mm (ø i/d.)	49-203	49-203
Idle speed	Rpm	52	34
Torque	Nm	250	264
Feeding stroke	mm	40	40
Pneumatic motor power	Hp (W)	1,81 (1350)	-
Air consumption	cfm	60-65	-
Air pressure	psi	90	-
Air hose connection	inches	3/4"	-
Electric motor power	Watt	-	1020
Voltage	Volt	-	110/220
Frequency (cycles)	Hz	-	50
Max noise level	dB	75	75
Unit weight	Kg	24,0	25,0

480

Ø 220



## OPTIONAL

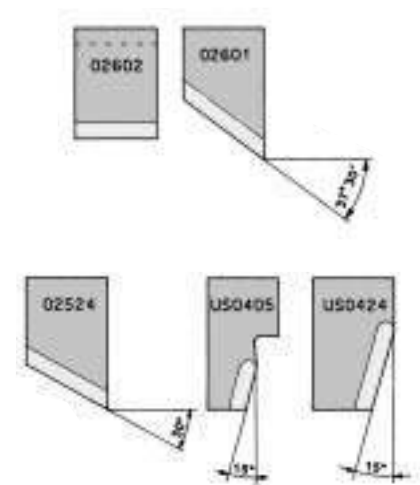


### ELBOW LOCKING SHAFTS

AVAILABLE TO COVER A RANGE FROM 46 TO 207 mm i/d.

Shaft	Locking range (i/d.)	
	mm	inches
45 Ø	46 - 103	1.81 - 4.06
99 Ø	99 - 207	3.90 - 8.15
45+99 kit	46 - 207	1.81 - 8.15

## EXAMPLES OF CUTTER BITS



All units are supplied complete with all gripping segments 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 metal carrying case. **We strongly recommend the use of the GBC portable filter lubricator with all our pneumatic models.**

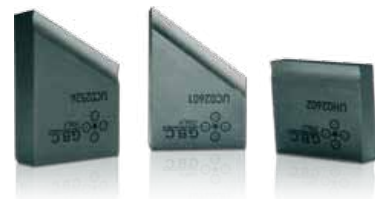
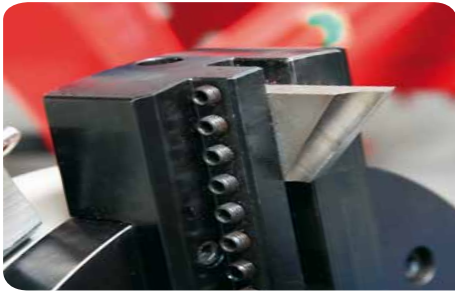
# SUPERMAXI 4-12

**ID Locking Range 94.5 - 318.5mm**

**Optional 94.5 - 418.0mm**

*New generation machine equipped with an innovative 6 points of contact locking system able to grant stability and absence of vibrations during the operations.*

*The installation and centering are extremely easy, precise and functional.*

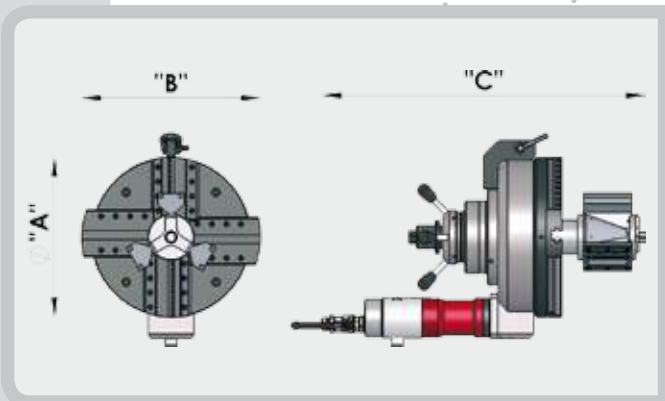


The unit is equipped with easily interchangeable tools for any angle of bevel which come in various hardness scales in relation to the material typology.

# SUPERMAXI 4-12



		<b>PNEUMATIC</b>	<b>HYDRAULIC</b>	<b>ELECTRIC</b>
<i>locking range</i>	mm inches	94,5 - 318.5 3,72 - 12 (opt 16)	94,5 - 318.5 3,72 - 12 (opt 16)	94,5 - 318.5 3,72 - 12 (opt 16)
<i>no-load speed</i>	rpm	19	18	17
<i>axial stroke</i>	mm inches	50 1,97	50 1,97	50 1,97
<i>pneumatic motor power</i>	hp w	3 2200	-	-
<i>air consumption</i>	l/min cfm	1800 63.56	-	-
<i>air pressure</i>	bar psi	6 87,02	-	-
<i>air connection</i>	inches	3/4"	-	-
<i>hydraulic motor power</i>	hp w	-	6,8 5000	-
<i>max operating pressure</i>	bar psi	-	100 1450	-
<i>erogation oil</i>	l/min cfm	-	30 1,06	-
<i>electric motor power</i>	hp w	-	-	2,95 2200
<i>/tension</i>	volt	-	-	110/220
<i>/frequency</i>	hz	-	-	50
<i>max acoustic emission</i>	db	75	75	75
<i>machine weight</i>	Kg	80	80	80
<i>machine "A" ø</i>	mm	330	330	330
<i>machine "B" ø</i>	mm	365	365	365
<i>machine "C" Length</i>	mm	750	610	630

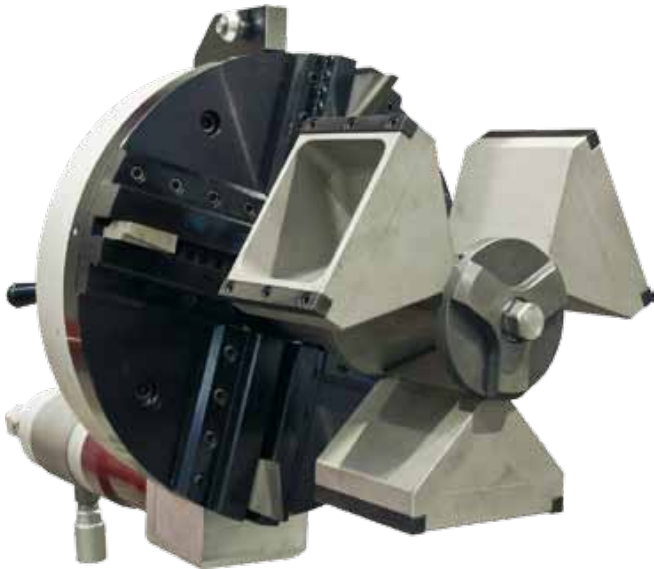


# SUPERMAXI 4-16

Range Ø 94.5– 418.0mm (3.7”-16.0”)

*New generation machine equipped with an innovative 6 points of contact locking system able to grant stability and absence of vibrations during the operations.*

*The installation and centering are extremely easy, precise and functional.*



The unit is equipped with easily interchangeable tools for any angle of bevel which come in various hardness scales in relation to the material typology:

- 8% cobalt
- titanium coated
- tip of hard metal

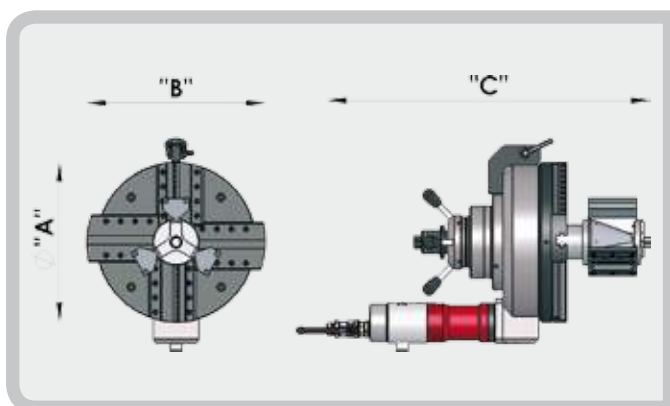




# SUPERMAXI 4-16



		<i>PNEUMATIC</i>	<i>HYDRAULIC</i>	<i>ELECTRIC</i>
<i>locking range</i>	mm inches	94.5 - 418.0 3,72 - 16.0	94.5 - 418.0 3,72 - 16.0	94.5 - 418.0 3,72 - 16.0
<i>no-load speed</i>	rpm	19	18	17
<i>axial stroke</i>	mm inches	50 1,97	50 1,97	50 1,97
<i>pneumatic motor power</i>	hp w	3 2200	-	-
<i>air consumption</i>	l/min cfm	1800 63.56	-	-
<i>air pressure</i>	bar psi	6 87,02	-	-
<i>air connection</i>	inches	3/4"	-	-
<i>hydraulic motor power</i>	hp w	-	6,8 5000	-
<i>max operating pressure</i>	bar psi	-	100 1450	-
<i>erogation oil</i>	l/min cfm	-	30 1,06	-
<i>electric motor power</i>	hp w	-	-	2,95 2200
<i>/tension</i>	volt	-	-	110/220
<i>/frequency</i>	hz	-	-	50
<i>max acoustic emission</i>	db	75	75	75
<i>machine weight</i>	Kg	80	80	80
<i>machine "A" ø</i>	mm	426	426	426
<i>machine "B" ø</i>	mm	475	475	475
<i>machine "C" Length</i>	mm	750	610	630



# SUPERMAXI 7-20

Range Ø 180-504 mm (7,08" – 19,84")  
Optional 180-590 mm i/d



*New generation machine equipped with an innovative 6 points of contact locking system able to grant stability and absence of vibrations during the operations.*

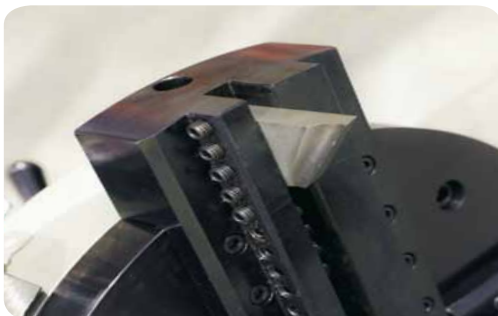


*The installation and centering are extremely easy, precise and functional.*



The unit is equipped with easily interchangeable tools for any angle of bevel which come in various hardness scales in relation to the material typology:

- 8% cobalt
- titanium coated
- tip of hard metal

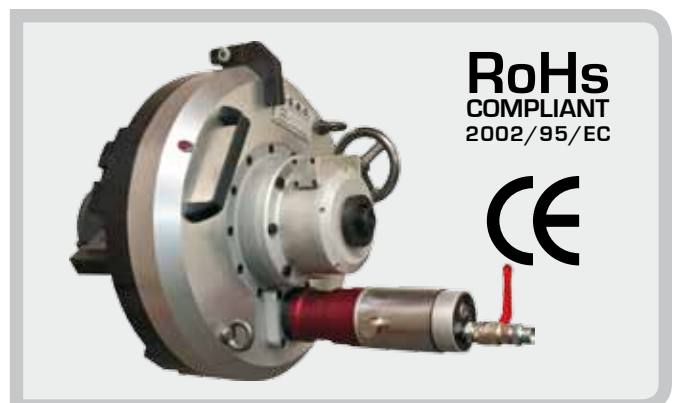
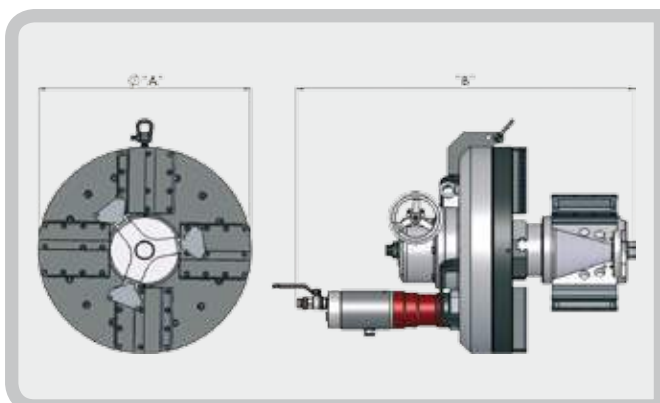


# SUPERMAXI 7-20



		<b>PNEUMATIC</b>	<b>HYDRAULIC</b>	<b>ELECTRIC</b>
<i>locking Range</i>	mm inches	180-504 7,08-19,84	180-504 7,08-19,84	180-504 7,08-19,84
<i>idle speed</i>	rpm	11	15	18
<i>axial stroke</i>	mm inches	50 1,96	50 1,96	50 1,96
<i>pneumatic motor power</i>	hp w	4 2940	-	-
<i>air consumption</i>	l/min cfm	2690 95	-	-
<i>air pressure</i>	bar psi	6 90	-	-
<i>air hose connection</i>	pollici inches	3/4"	-	-
<i>hydraulic motor power</i>	hp w	-	6,8 5000	-
<i>max oil pressure</i>	bar psi	-	100 1450	-
<i>oil flow rate</i>	l/min gpm	-	30 7,8	-
<i>electric motor power</i>	hp w	-	-	3,2 2400
<i>tension</i>	volt	-	-	110 / 220
<i>frequency</i>	hz	-	-	50 / 60
<i>max acoustic emission</i>	db	75	75	75
<i>machine weight</i>	kgs	245	245	245
<i>machine "A" ø</i>	mm inches	550 (630opt) 21,65 (24,80opt)	550 (630opt) 21,65 (24,80opt)	550 (630opt) 21,65 (24,80opt)
<i>machine "B" Length</i>	mm inches	880 34,64	830 32,68	800 31,5

We guarantee we have successfully passed the electric and immunity safety test, internal tests, and to be compliant with the European Norms in force.



# SUPERMAXI 7-24

Range Ø 180-590 mm (7,08" – 24")



*New generation machine equipped with an innovative 6 points of contact locking system able to grant stability and absence of vibrations during the operations.*

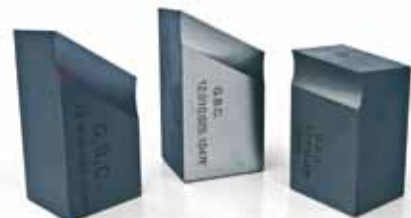
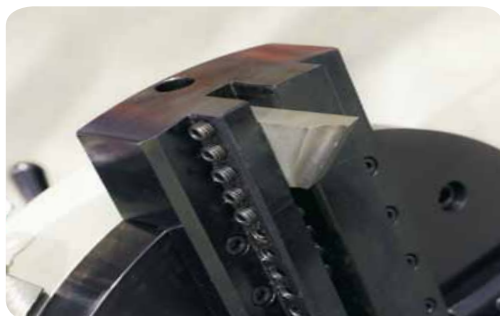


*The installation and centering are extremely easy, precise and functional.*



The unit is equipped with easily interchangeable tools for any angle of bevel which come in various hardness scales in relation to the material typology:

- 8% cobalt
- titanium coated
- tip of hard metal

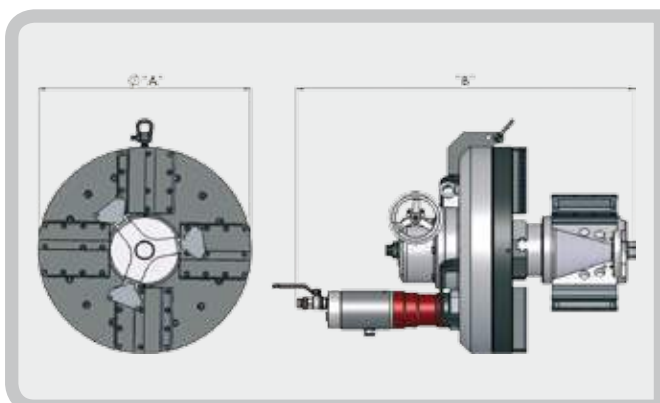


# SUPERMAXI 7-24

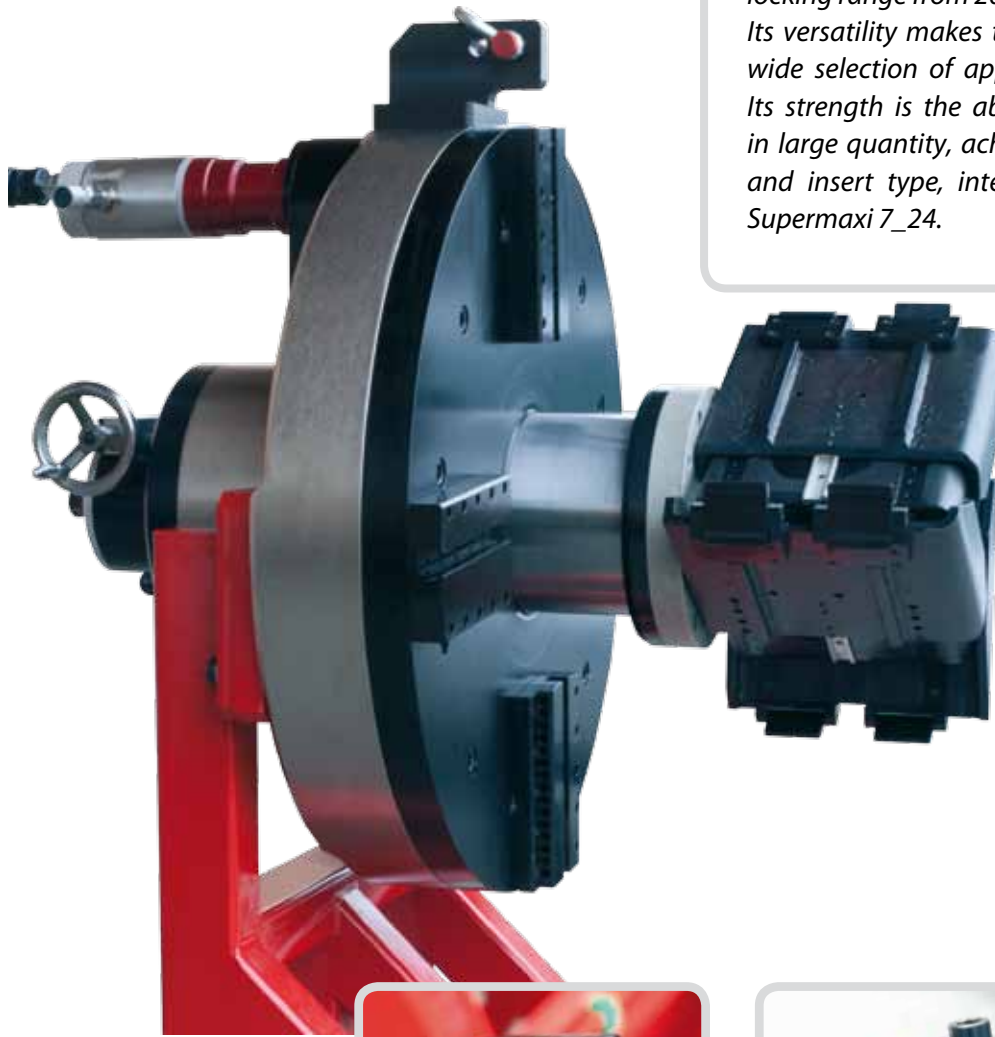


		<b>PNEUMATIC</b>	<b>HYDRAULIC</b>	<b>ELECTRIC</b>
<i>locking Range</i>	mm inches	180-590 7,08-19,84	180-590 7,08-19,84	180-590 7,08-19,84
<i>idle speed</i>	rpm	11	15	18
<i>axial stroke</i>	mm inches	50 1,96	50 1,96	50 1,96
<i>pneumatic motor power</i>	hp w	4 2940	-	-
<i>air consumption</i>	l/min cfm	2690 95	-	-
<i>air pressure</i>	bar psi	6 90	-	-
<i>air hose connection</i>	pollici inches	3/4"	-	-
<i>hydraulic motor power</i>	hp w	-	6,8 5000	-
<i>max oil pressure</i>	bar psi	-	100 1450	-
<i>oil flow rate</i>	l/min gpm	-	30 7,8	-
<i>electric motor power</i>	hp w	-	-	3,2 2400
<i>voltage</i>	volt	-	-	110 / 220
<i>frequency</i>	hz	-	-	50 / 60
<i>max acoustic emission</i>	db	75	75	75
<i>machine weight</i>	kgs	245	245	245
<i>machine "A" ø</i>	mm inches	630 24,80	630 24,80	630 24,80
<i>machine "B" Length</i>	mm inches	880 34,64	830 32,68	800 31,5

We guarantee we have successfully passed the electric and immunity safety test, internal tests, and to be compliant with the European Norms in force.



# HYPERMAXI 20-36

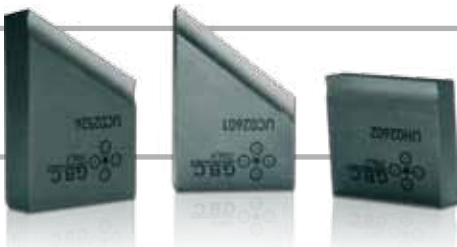


*New pipe beveling machine with a wide inside locking range from 20" to 36"*

*Its versatility makes this machine suitable for a wide selection of applications in several fields. Its strength is the ability of removing material in large quantity, achievable both with the HSS and insert type, interchangeable tooling with Supermaxi 7\_24.*



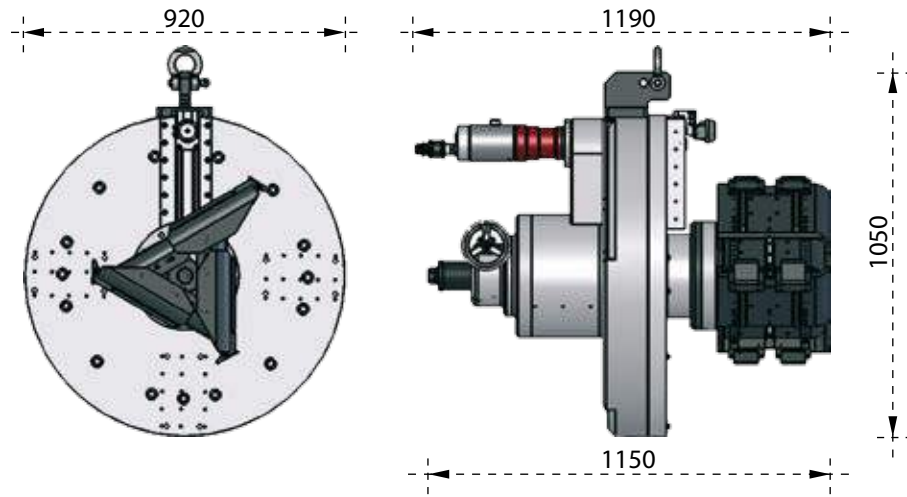
Range 508 - 937 mm (20" - 36")



standard

special

**- DIMENSIONS**



**TECHNICAL FEATURES**

		<b>Pneumatic</b>	<b>Hydraulic</b>
<i>Internal locking range</i>	mm in	508 - 937 20" - 36"	508 - 937 20" - 36"
<i>Idle Speed</i>	rpm	7	26
<i>Axial Stroke</i>	mm in	100 3.94	100 3.94
<i>Motor Power</i>	W hp	4 2942	15 11025
<i>Air Consumption</i>	L/min cfm	2690 95	-
<i>Air Pressure</i>	bar psi	6 90	-
<i>Air Hose Connection</i>	in	3/4"	-
<i>Max working Pressure</i>	bar psi	-	100 1500
<i>Oil Flow</i>	cfm	-	40
<i>Max Acoustic Emissions</i>	db	75	75
<i>Weight</i>	kg	700	700

# SB500

Range 100 - 508 mm (4" - 20")



*Detail of the chips collecting tray*



*Detail of the mobile head feeding motor*



*Detail of the locking vice*

*Semi-automatic unit structurally strong and at the same time user friendly. The locking vice design enables the automatic centring and positioning without causing deformation to the pipe.*

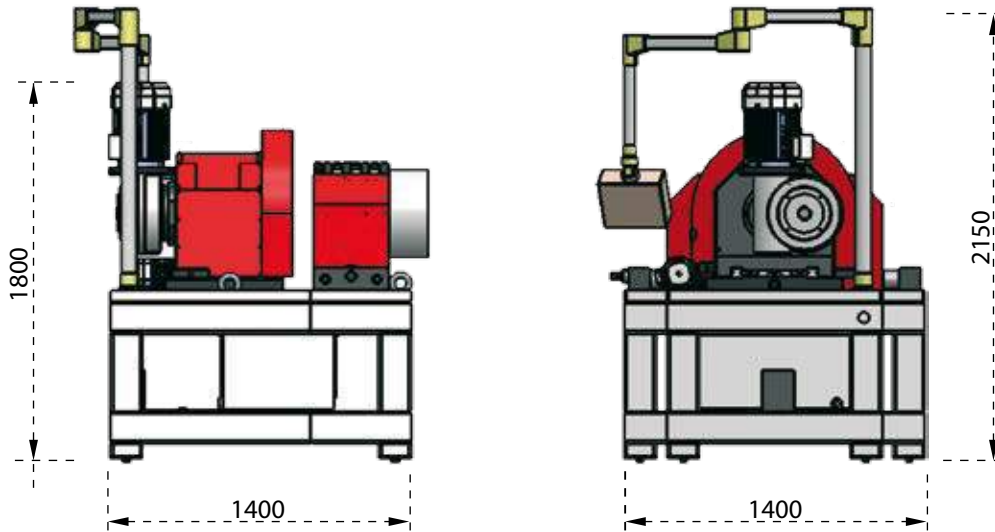
*The on board control panel enables to adjust the chuck speed and feeding as well as the feeding of the mobile head and the activation of the refrigerating liquid pump.*

*The SB500 can be equipped with easily interchangeable tools, both HSS type and insert type.*

- **Vice designed for automatic centring without deformation;**
- **On board control panel;**
- **Chuck feeding adjustment;**
- **Mobile head feeding adjustment;**
- **Chuck speed adjustment;**
- **Cooling liquid recycling pump;**
- **Interchangeable tooling with Supermaxi 7\_24 and Hypermaxi 20\_36.**



## - DIMENSIONS



## - TECHNICAL FEATURES

<i>Locking range</i>	mm in	100 -508 4" - 20"
<i>Pipe thickness</i>	mm	25
<i>Idle Speed</i>	giri/min	0 ÷ 28
<i>Electric motor power</i>	Hp(W)	9500
<i>Tension</i>	V	400
<i>Power</i>	kW	10
<i>Frequency</i>	Hz	50/60
<i>Max Acoustic Emissions</i>	db	75
<i>Weight</i>	kg	2350

*\*Different voltage available on request*



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 world's 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.

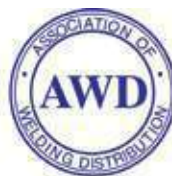
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- Heat Exchange Manufacture/ Repair
- Boiler Industry
- Ship Building and Repair
- Nuclear
- General Fabrication
- Site Services



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This brochure has been designed to give you a brief introduction to our extensive range of products.



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- 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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GBC Industrial Tools Ltd  
7 Drakes Drive  
Crendon Business Park  
Long Crendon  
HP18 9FE

T: 01844 201 555  
F: 01844 201 454

[sales@gbc-uk.com](mailto:sales@gbc-uk.com)  
[www.gbc-uk.com](http://www.gbc-uk.com)