

SUPERMAXI 4_16

Machinable pipe range 102 - 426 mm —

SUPERMAXI 4-16 machines belong to the class of edge preparation machines and are intended for forming the weld bevel on the ends of pipe, fittings and valves. Powerful and reliable, the SM 4-16 series is built for use both in the workshop and in the hard conditions of pipeline construction.

APPLICATIONS:

Pipe and pipe products from 102 to 426 mm in diameter;
Weld edge preparation for every pipe welding process;
Machining of all grades of steel, including high-carbon, high-strength and stainless.



SUPERMAXI 4_16

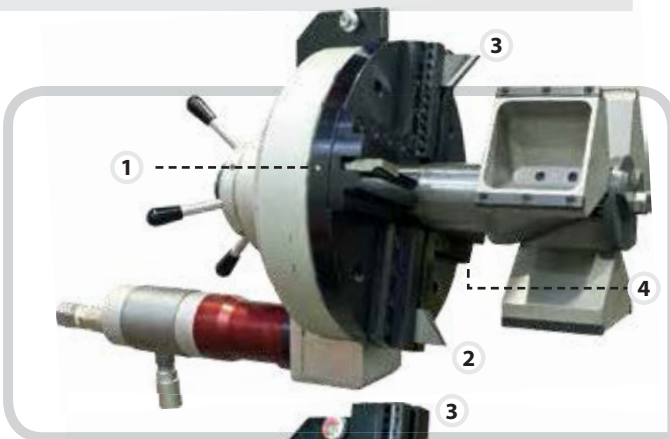
Machinable pipe range 102- 426 mm



- The way the SM 7-24 mounts inside the pipe is extremely simple. Six contact points hold the machine securely and eliminate vibration. Mounting with interchangeable spacer segments allows a wide range of pipe to be machined. Setting up and centring the machine is as easy, accurate and practical as possible thanks to the precision with which those segments are made. A segment can be fitted with replaceable contact plates in high-strength steel or in a special aluminium for pipe with an internal lining.

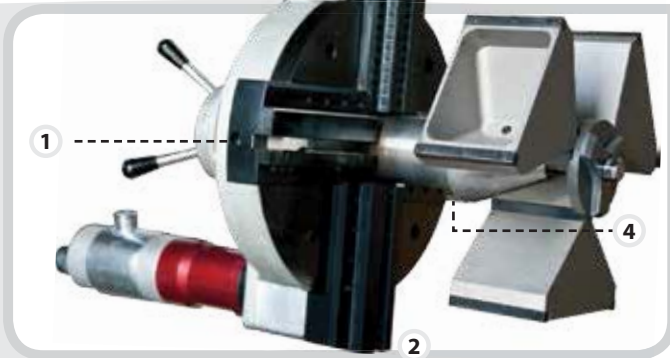


- Smooth running, cutting speed and feed rate come from the new transmission and drive system, which holds the radial speed and the longitudinal feed constant, keeps the torque highly stable and keeps vibration to a minimum.
- A dependable chip removal system keeps the cutting process continuous.



■ The machine comes with two kinds of tool slide: two slides for standard high-speed steel tools and two of a new generation intended for tools with indexable inserts. The slide has an effective chip removal system.

➤ The base configuration machines pipe up to 325 mm in diameter.

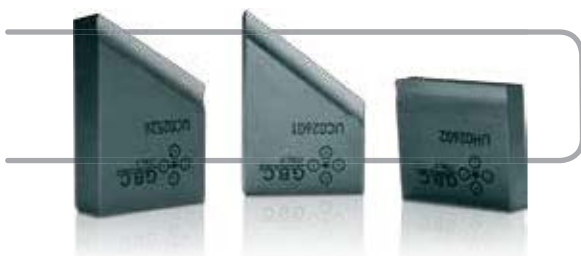


■ An extended slide and a set of additional spacer segments (extra option) allow pipe up to 426 mm in diameter to be machined.

➤ The optional configuration machines pipe up to 426 mm in diameter.



A wide range of cutting speed settings makes it possible to use different kinds of cutting tool: regrindable high-speed steel tools, or tools with standard ISO indexable inserts. Two tools of different configuration can be fitted at the same time, which makes any bevel geometry possible. The screw adjustment on the insert tools sets the tool to the required position quickly. Insert tools, like high-speed steel tools, can be made to different angles to the customer's order, for both internal and external machining.



TECHNICAL CHARACTERISTICS
PNEUMATIC HYDRAULIC ELECTRIC

Pipe machining range mm 102 - 325 / 426 102 - 325 / 426 102 - 325 / 426

Rotation speed min-1 19 18 17

Wall thickness of the pipe machined mm 50 50 50

Pneumatic drive power W 2200 - -

Air consumption l/min 1800 - -

Air pressure MPa 0,6 - -

Quick coupling inch 3/4" - -

Hydraulic drive power W - 5000 -

Hydraulic line pressure MPa - 10 -

Oil flow l/min - 30 -

Electric drive power W - - 2200

Supply voltage V - - 230

Mains frequency Hz - - 50

Noise level max dB 75 75 75

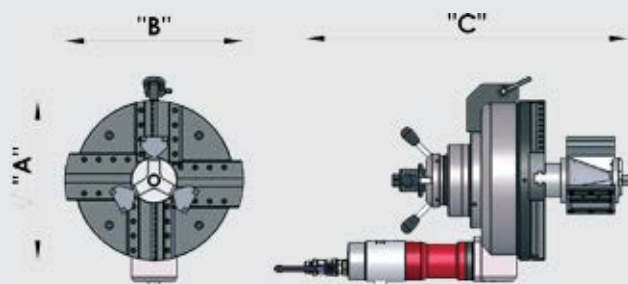
Weight kg 80 80 80

Dimension "A" mm 330 /426 330 /426 330 /426

Dimension "B" mm 365 /475 365 /475 365 /475

mm 750 610 630 Dimension "C"

Machines are supplied with one of three motor types: pneumatic, hydraulic or electric. The customer may change the motor for any other bought from GBC without losing the warranty. All machines are made to the European standards and Customs Union technical regulations in force.



RoHS
COMPLIANT
2002/95/EC



EAC