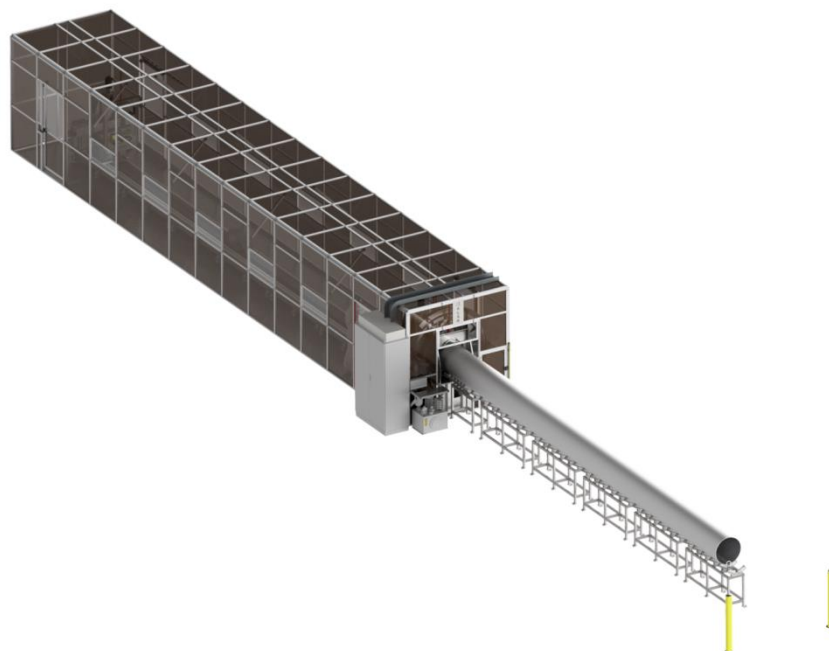




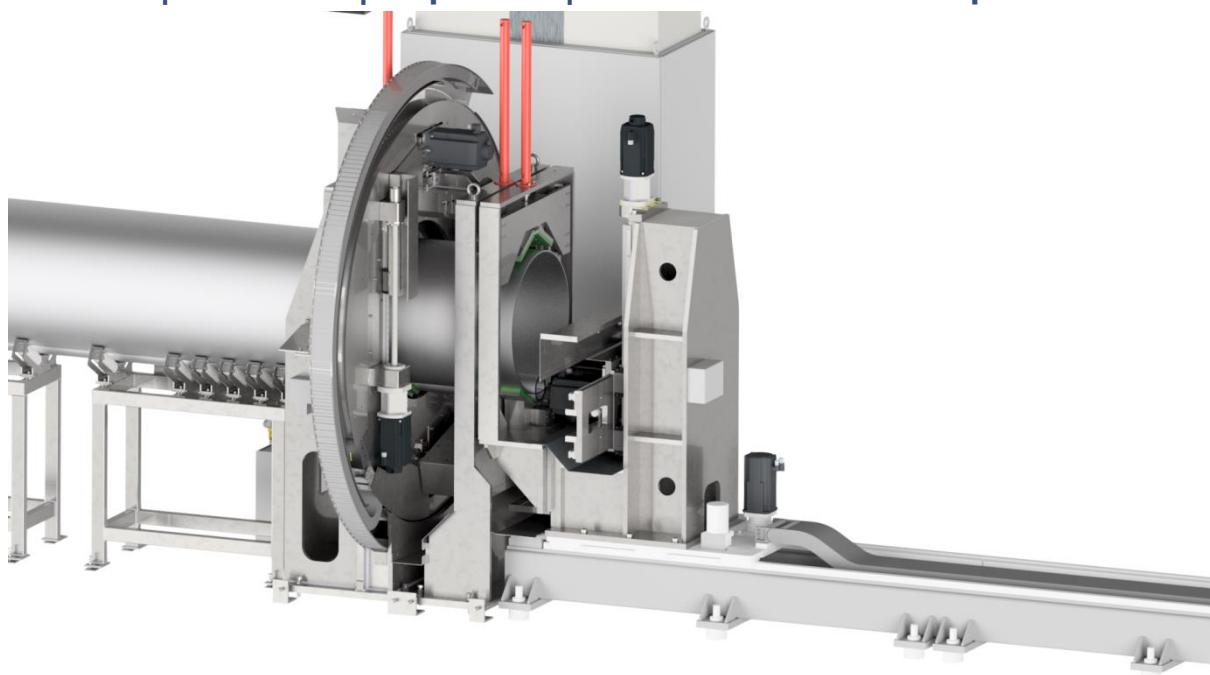
BOC360-2-3 Balak 360 Orbital Cutting Machine | 2 stations | 2.6 kW

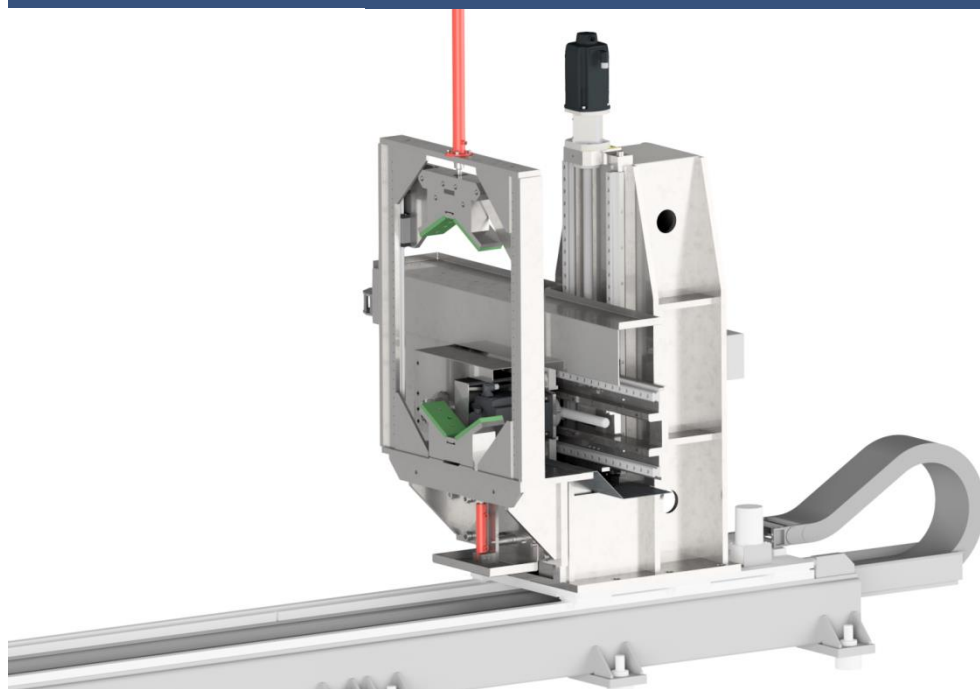


Precision pipe cutting machine. It can cut various diameters and wall thicknesses with the option to select the desired length and diameter automatically or manually. After automatic retraction of the pipe, the simultaneous face milling and precise cutting begin. The first spindle is on the swivel slide and the second spindle is on the cross slide. After complete machining, the pipe automatically travels to the input roller conveyor. The machine can be customized according to customer needs.

Key features:

2+3 axis | 2 stations | 2 spindles | 1000+ customization options

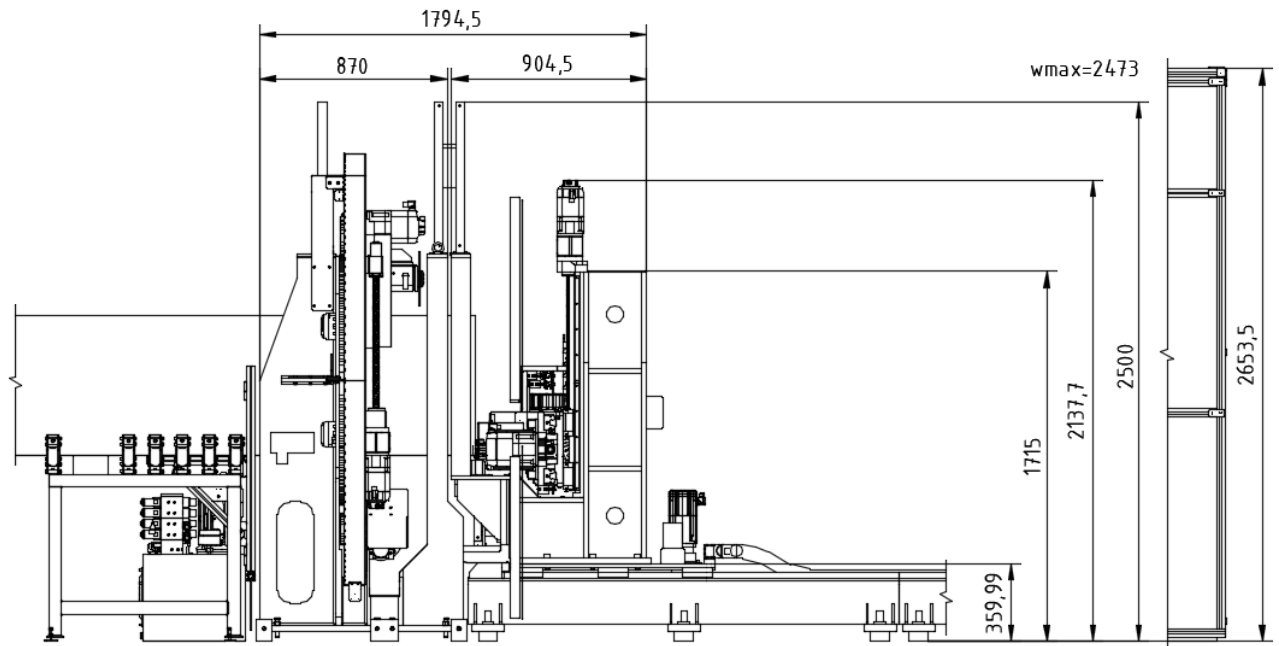




Example of a past project:



Balak stroje Tisnov s.r.o.
Cerveny Mlyn 380
666 01 Tisnov
Czech republic



Specs	Metric
Axis	2+2+1
Machine Stations	2
Outer Diameter Machining Range	110 ÷ 620
Max. Wall Thickness	15
Pipe Lengths Range – Automatic mode	280 ÷ 12,000
Pipe Lengths Range – Block mode	20 ÷ 12,000
Surface Parallelism of machined Pipe	0,3
Roller Conveyor Length	12,000
Custom Range	opt
Spindle Drive	Siemens 1FK7083
Power	2.6 kW
Spindle Torque	16 N.m
Gear Ratio	1
Spindle 1 Interface	3 × M6 + 1 × DIN 6885 12
Spindle 2 Interface	1 × M12 + 2 × DIN 6885 12
Tool Changer	opt
Machining Conditions Optimization	✓
Automatic / Manual Mode	✓
Height adjustable Roller Bench	opt
System	Siemens SINUMERIK ONE
HMI	Control Touch Screen
Additional Control Board	opt
Remote Control Pendant	opt
Pipe Crane Access	✓
Automatic Measuring / Diameter Measuring	opt
Program loading via QR code / Barcode	opt
Hydraulic Power Unit	opt
Rated Pressure – Hydraulics	2.5 MPa (opt)
Hydraulic Circuits	2/3/4 (opt)
Dust Collector	opt



Air Blast System	opt
Automatic Lubrication System	opt
Enclosure Air Conditioner	opt
Machine Dust-Proof Design	opt
High-Intensity Lighting	opt
Camera and Screen	opt
2 Doors	✓
4 Doors	opt
Automatic Doors	opt
Safety Light Curtains	✓
Stack Light	✓
Machine Covers – Aluminum Frame and Polycarbonate	✓
Machine Trough	✓
Ethernet Interface	✓
Remote monitoring – LAN connected	✓
Remote monitoring – SIM connected	opt
Metric Design	✓
Machine Labels – Czech	✓
Machine Labels – English / other languages	opt
Instruction Manual printed and digital – Czech	✓
Instruction Manual printed and digital – English / other languages	opt
Spare Parts Drawings	✓
EU declaration of conformity	✓
CE Label	✓
Risk analysis	✓
Operator Training, Programming Training	6 hrs
Maintenance Training	6 hrs
Standard Warranty	24 mos
Extended Warranty	opt
Warranty Repair Start – Czech republic	within 48 hrs (w/d)
Warranty Repair Start – EU / other countries	opt
Post Warranty Repair Start – CZE / EU / other countries	opt
Pipes Handling – robotic / pneumatic	opt
Customization	opt

✓ – Standard Equipment, **opt** – Optional Equipment

