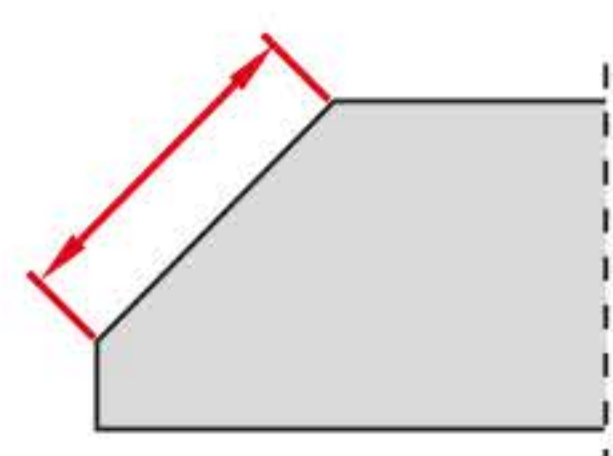


STEELBEAST®

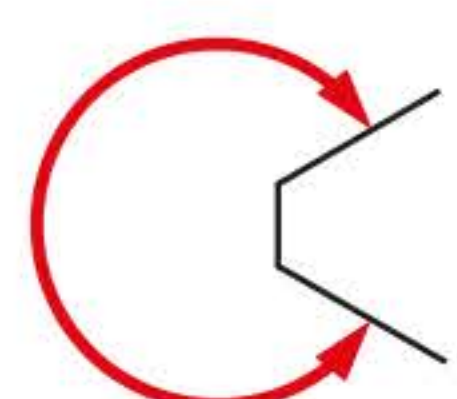
JEI
Solutions
Built for Industry

PB40-PBS

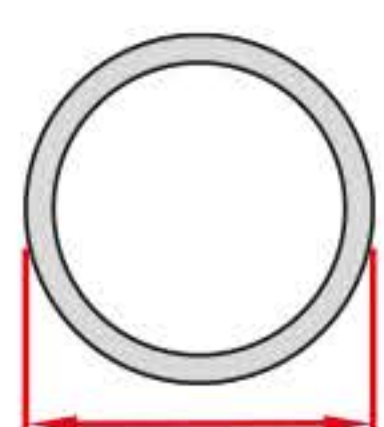
**PORTABLE PIPE
BEVELLER**



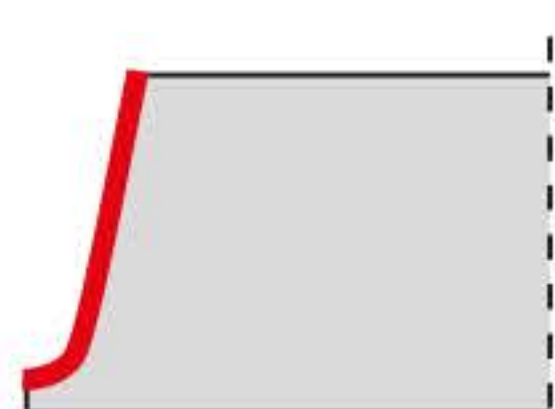
**Max bevel
width 45 mm**



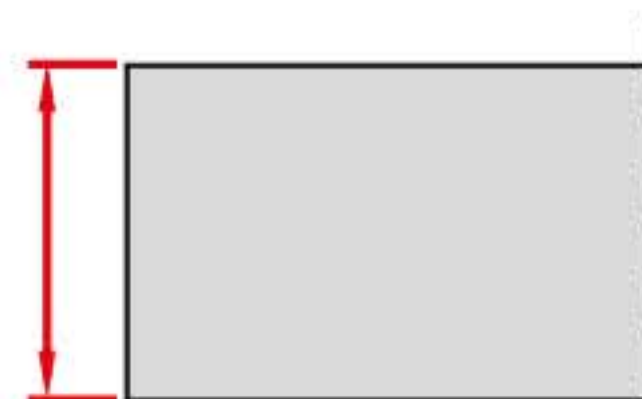
**Bevel angle
from -60° to 60°**



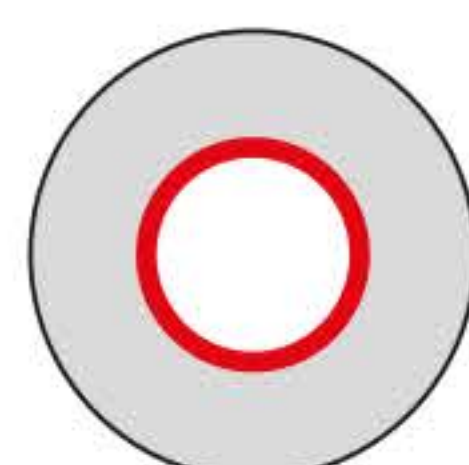
**Pipe OD Facing off
200-1000 mm**



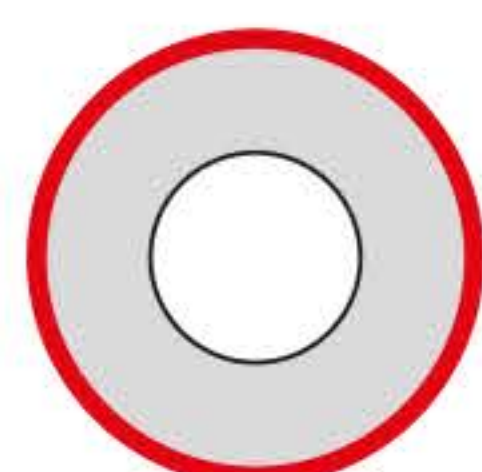
J-groove bevelling



Min. wall thickness 5mm



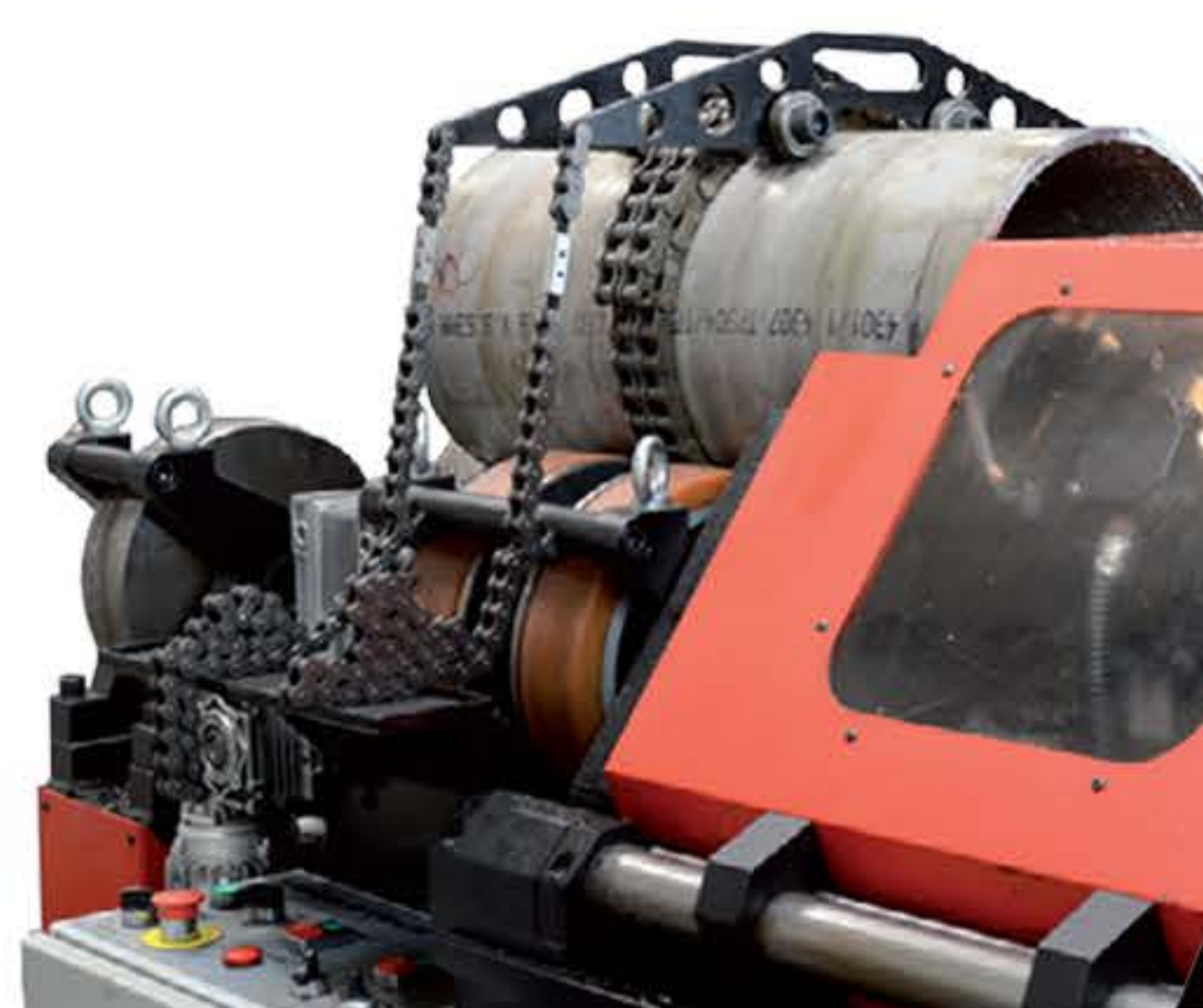
Pipe ID bevelling



Pipe OD bevelling



Facing off



**STAINLESS STEELS
MACHINING IS
NOW POSSIBLE.**

PB40-PBS IS DESIGNED FOR BEVELING AND FACING PIPES, TANKS OR TUBES IN A RANGE OF DIAMETERS FROM 200 MM TO 1000 MM (8-40").

High-speed rotary milling head with replaceable inserts enables effective and efficient machining with bevel widths up to 45 mm (1-3/4") and angles between 0° and 60°.

Internal beveling and J-groove end preparation is optionally available. Use of heavy duty milling head in PB40-PBS offers accurate bevels in a fraction of the time compared to traditional single point machining. This feature saves time and money by excellent efficiency.

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WWW.JEIUK.COM

PART NUMBER: PB40-PBS

JEI Solutions



PB40-PBS Technical specification

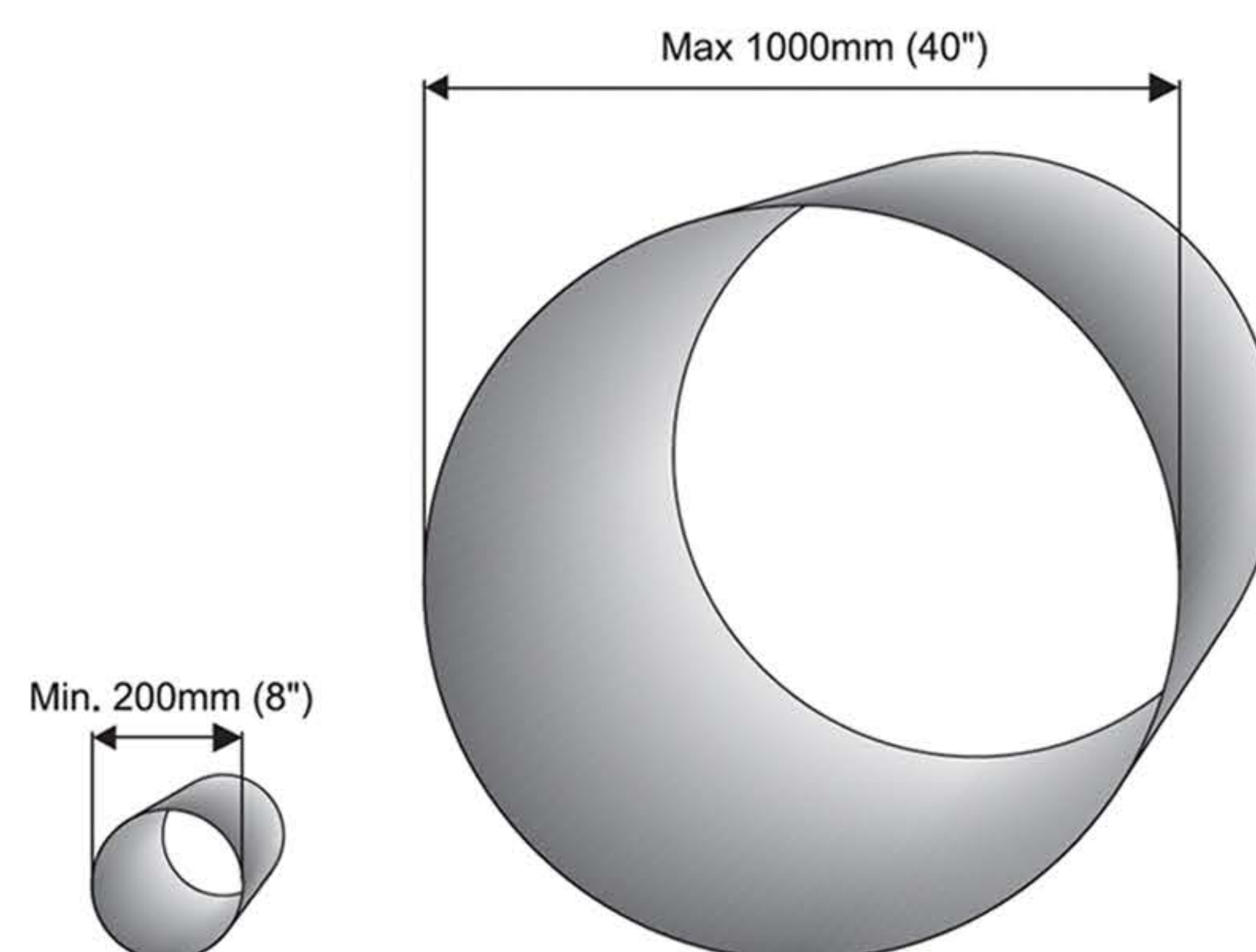
Power supply	1~ 208 – 230 V, 50/60 Hz 3~ 208 – 230 V, 50/60 Hz
External pipe diameter range	200-1000 mm (8" – 40") pipes longer than 830 mm; 200-600 mm (8" – 23-5/8") pipes of 400-830 mm length
Maximum allowed pipe weight	10 000 kg (22 000 lbs)*, if active support equipped with optional steel rollers
Min. pipe wall thickness	5 mm (3/16")
Pipe fixing	mechanical with chain
Feed rate	100-1100 mm/min
Beveling angle range	0-60° with continuous angle adjustment
Max OD bevel width	45 mm (1-3/4")
Max ID bevel width	5 mm (1/4") standard, up to 20 mm (13/16) - option
Beveling type „J”	YES - option
„J” type beveling radius	0.24 in./6 mm or 0.31 in./8 mm
Product Code	PB40-PBS

* 6000 kg (13 200 lbs) for plastic rollers of active support (standard)

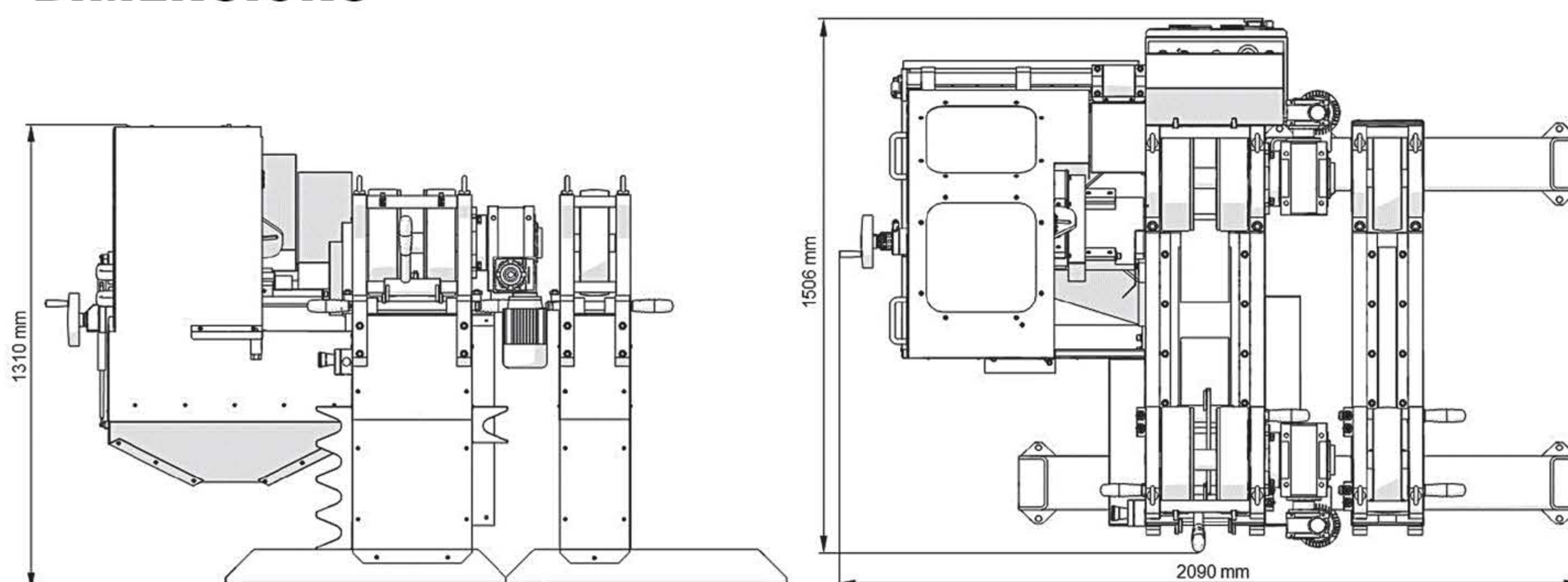
STANDARD SHIPPING SET

- ✓ Stationary pipe beveling machine
- ✓ Active support (with plastic rollers)
- ✓ Passive support (with steel rollers)
- ✓ Standard milling head with 7 cutting inserts
- ✓ Set of guiding chains
- ✓ 10 mm hex wrench
- ✓ 8 mm hex wrench
- ✓ 5 mm hex wrench
- ✓ Torx T15P screwdriver
- ✓ Operator's Manual
- ✓ Wooden box

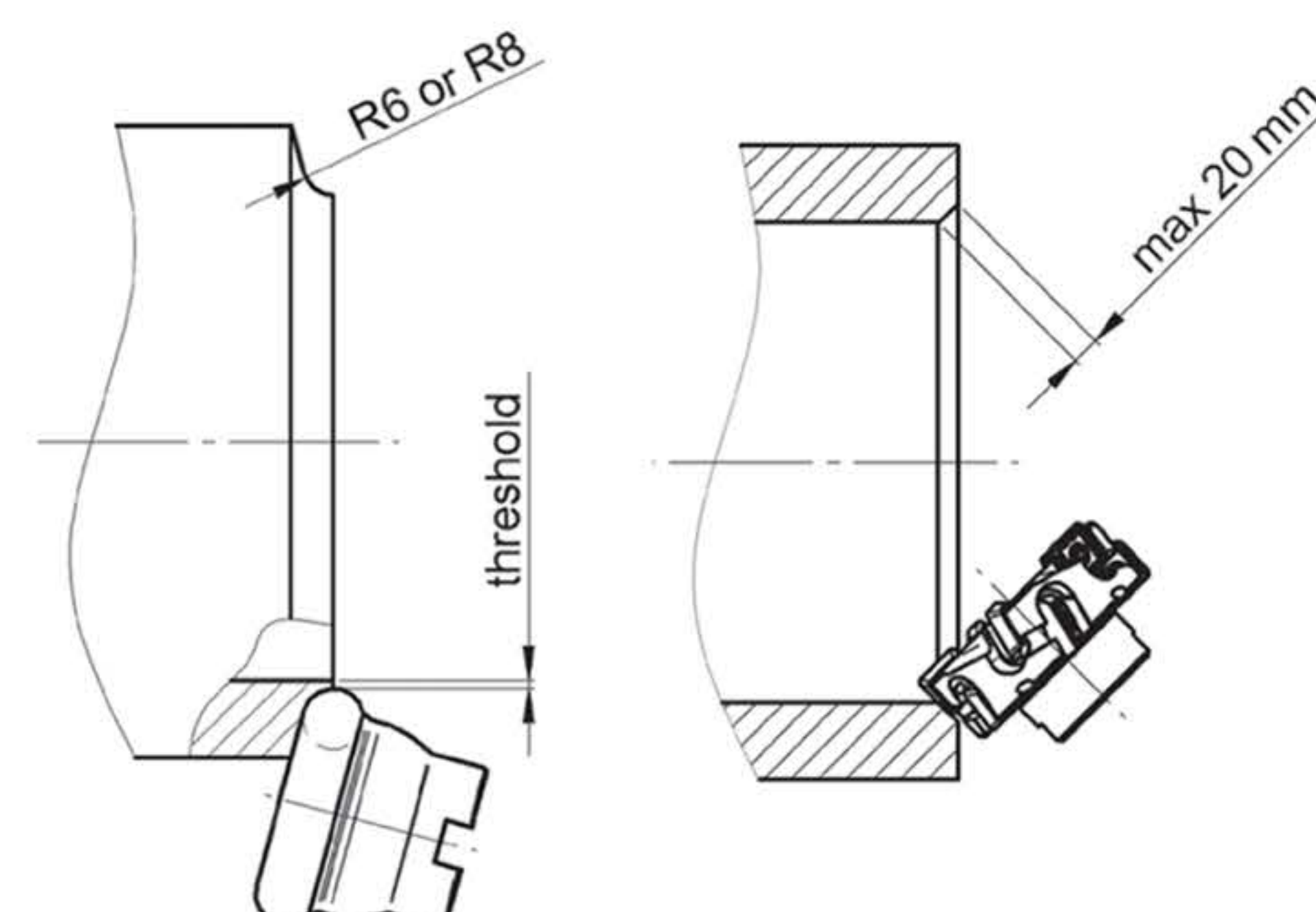
Range of diameters from 200 mm up to 1000 mm (8-40")



DIMENSIONS



Operations with optional milling heads

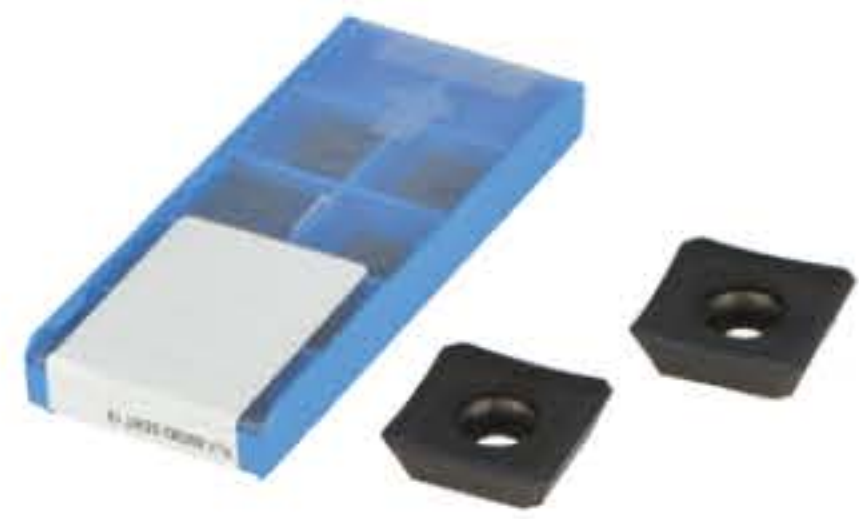


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**BEVELLING
- STANDARD
ACCESSORIES**



BM28MH
Standard Milling head
(7 inserts required)



BM21IS
Cutting insert for beveling
1pc (sold 10pcs/box)



BM21ISHD
Cutting insert HD for beveling
1pc (sold 10pcs/box)



BM21-41
Insert fixing screw for
PLY-000282/PLY-000591

**J-GROOVE
BEVELLING
OPTION**



PB40MHR6
J-groove R6 milling head
(6 inserts R6 required)



PB40IR6
Cutting insert for J groove R6 end
preparation 1pc (sold 10pcs/box)



PB40MHSR6
Insert fixing screw for
PLY-000198



PB40MHR8
J-groove R8 milling head
(5 inserts R8 required)



PB40IR8
Cutting insert for J groove R8 end
preparation 1pc (sold 10pcs/box)

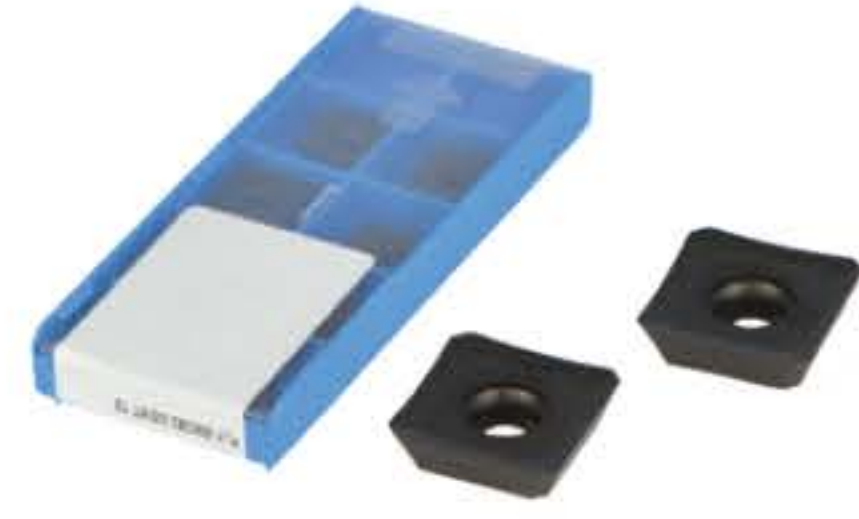


PB40MHSR8
Insert fixing screw for
PLY-000201

**INTERNAL
BEVELLING
OPTION**



PB40MHIB
Milling head for internal beveling



BM21IS
Cutting inserts for beveling
1pc (sold 10pcs/box)



PLY-000282
Insert fixing screw for
PLY-000282

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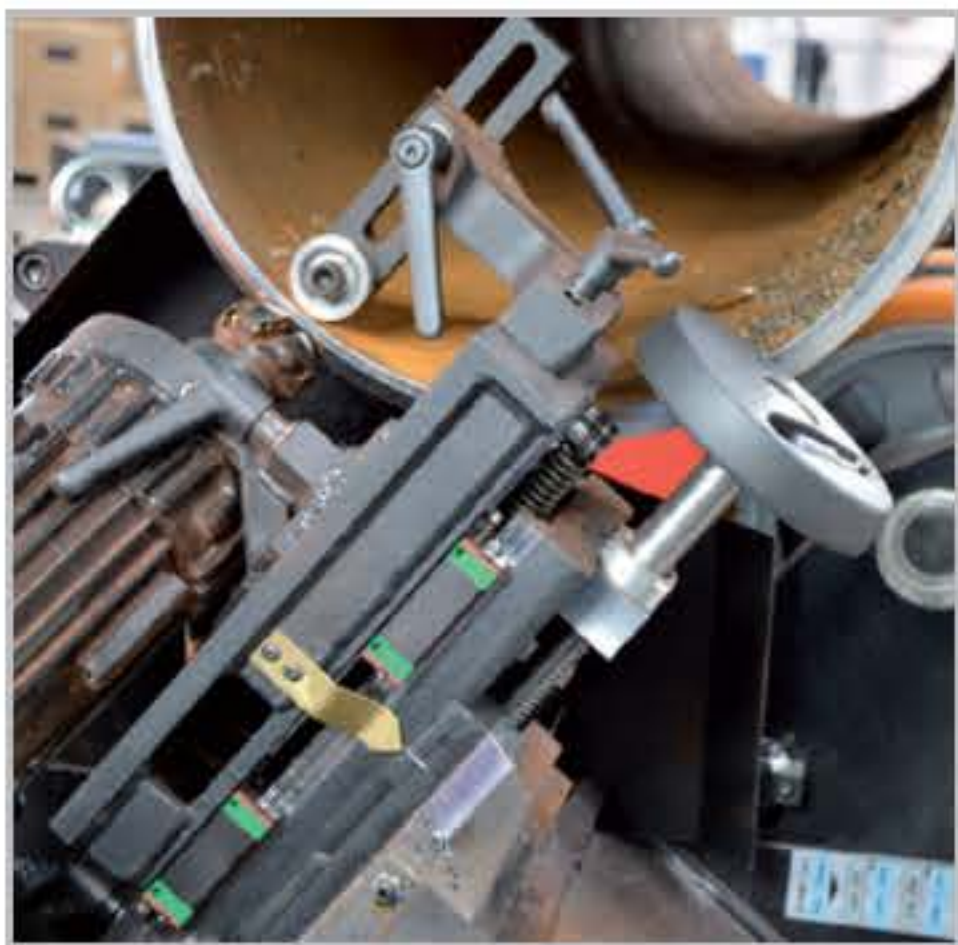
STEELBEAST® ACCESSORIES



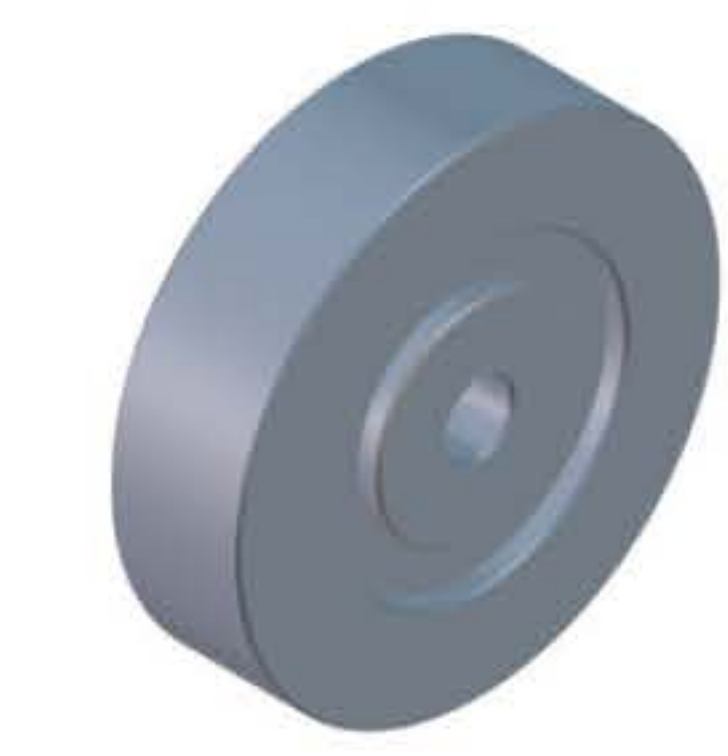
BEVELLING OF SHORT PIPES, OVAL PIPES & PIPES UP TO 10 TONNES



DCS-0436-12-00-00-0
Clamping device for short pipes
of 400-830 mm length



WSP-0436-24-00-00-0
Oval pipe tracking attachment
Available either with brand new
machine or for retrofitting



KOL-0436-23-00-00-0
Steel roll for active pipe
support 1pc (4pcs required)

STAINLESS STEELS BEVELING OPTION



LNC-0436-25-01-00-0
Set of guiding chains
for Stainless Steel



DCS-0436-25-10-00-0
Clamping device for short
Stainless Steel pipes



KOL-000077
Wheel with Vulkollan tire
1pc (2 pcs needed)



RLK-0436-25-11-00-0
Stainless Steel roll for
oval pipe tracking attachment



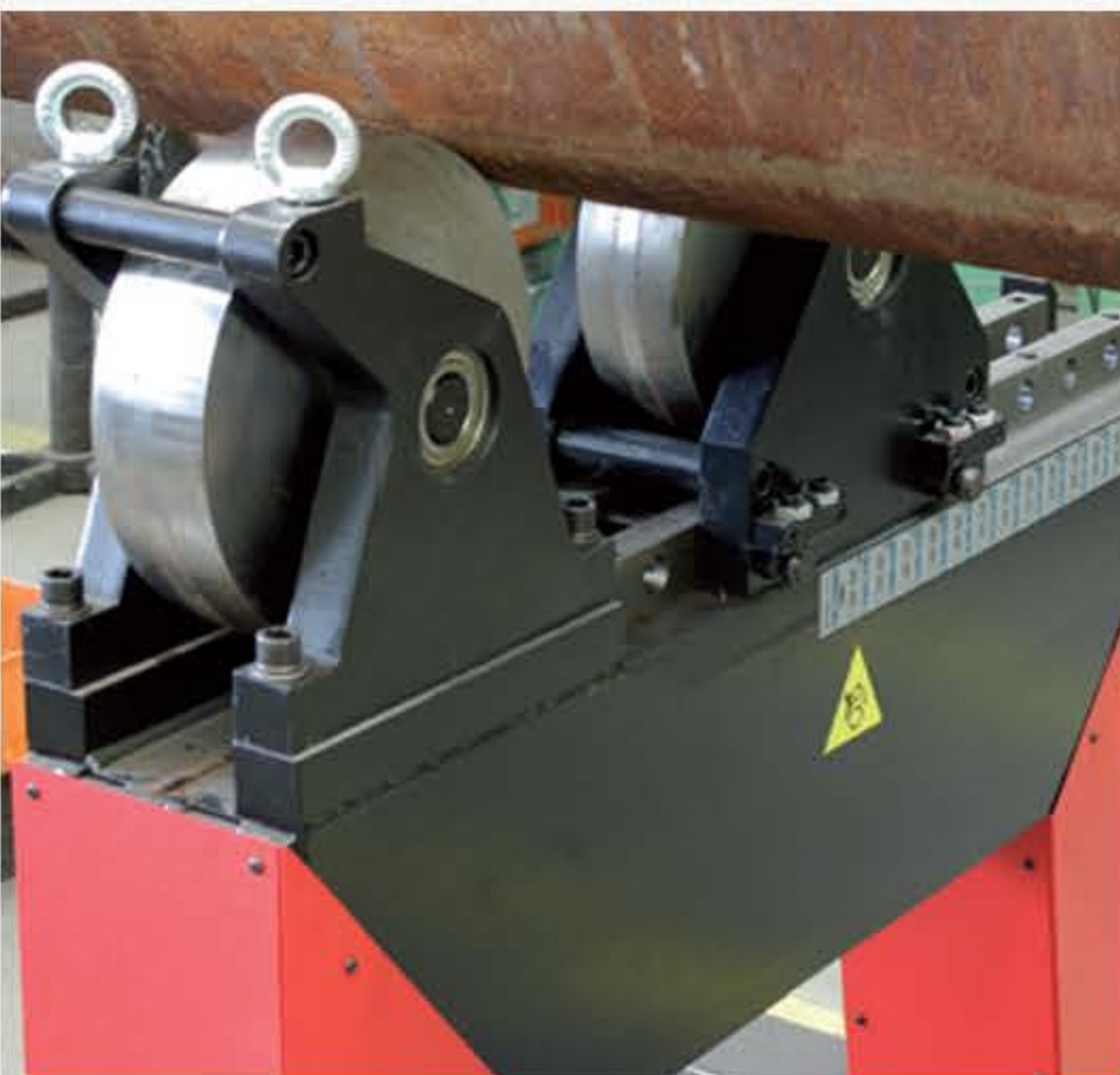
USER-FRIENDLY CONTROL PANEL



SHIELDS AND INTERNAL LIGHTING
INCREASE SAFETY AND COMFORT OF
THE OPERATOR



ADJUSTABLE CHAIN (Ø 200-1000
MM) ENSURES POSITIVE AXIAL
ROTATION



HEAVY-DUTY ADJUSTABLE PIPE
SUPPORT (Ø 200-1000 MM)

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