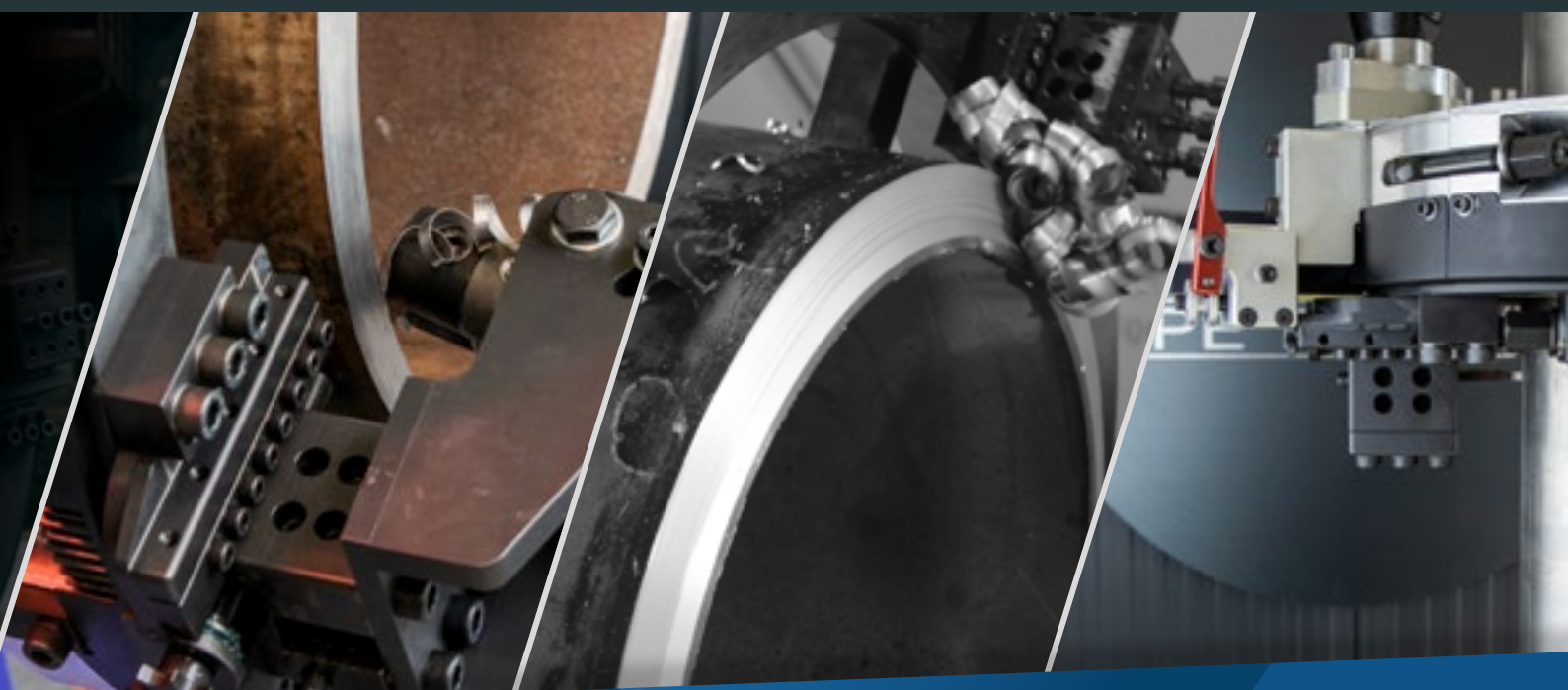


PIPE CUTTING AND BEVELING MACHINES

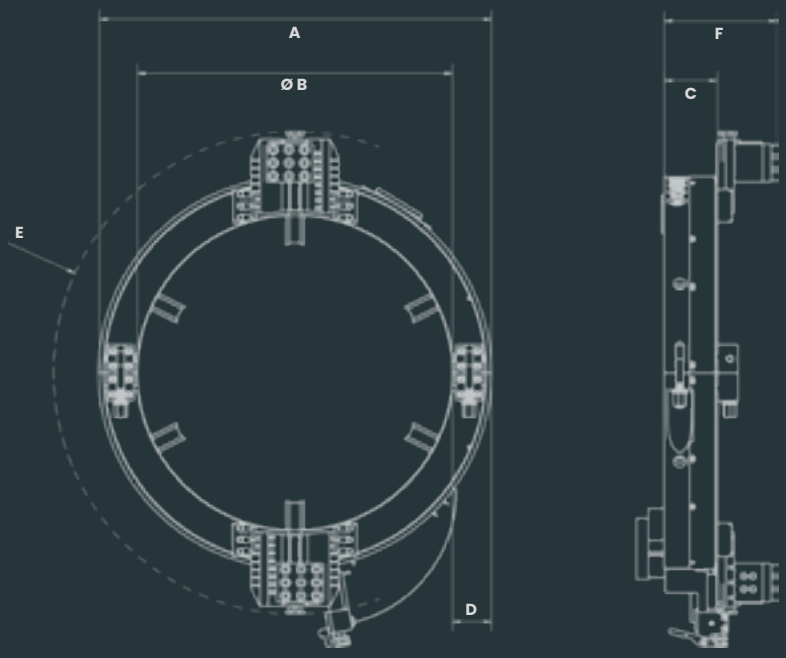
Nowadays, stainless steel pipes, steel pipes and high-alloy, thick-walled steel pipes must be cut and beveled quickly and with high quality. Depending on the material, diameter and wall thickness, we offer the perfect machine for this purpose.
Specially designed for thick-walled pipes, pipe diameters of up to 1410 mm OD can be handled at wall thicknesses up to 80 mm.





ADVANTAGES / PROPERTIES

- Cold cutting and beveling of thick-walled steel pipes
- Developed with „on-site“ know-how
- No heat-affected zone (cold cutting)
- Spark-free and reduced noise
- Perfect weld seam preparation for thick-walled steel pipes



Typ	A mm	B mm	C mm	D mm	E mm	F mm	Max. wall thickness* (mm)	Pipe OD** (mm) min.	Pipe OD** (mm) max.	Weight (kg)
DLW 2-6	319	182	88,5	68	202	188	80	60	168	23
DLW 4-8	366	232	88,5	68	224	188	80	89	219	27
DLW 5-10	420	286	88,5	68	249	188	80	114	274	30
DLW 6-12	470	340	88,5	68	261	188	80	141	324	34
DLW 8-14	496	368	88,5	68	262	188	80	194	356	38
DLW 10-16	550	421	88,5	68	317	188	80	244	406	42
DLW 12-18	604	470	88,5	68	341	188	80	298	457	45
DLW 14-20	655	525	88,5	68	369	188	80	330	508	50
DLW 18-24	759	625	88,5	68	420	188	80	432	610	60
DLW 24-30	920	775	88,5	74	496	188	80	585	762	83
DLW 30-36	1068	928	88,5	74	572	188	80	737	914	93
DLW 36-43	1250	1105	88,5	74	661	188	80	889	1092	127
DLW 40-48	1420	1245	95	89	731	194	80	991	1219	170
DLW 48-57	1678	1503	95	89	912	194	80	1210	1410	205

*Depending on the combination of machine and pipe diameter/material. ** Range can be increased with longer locator.







Technology and innovation

The pipe cutting and beveling machine is used to cut thick-walled pipelines in explosive areas such as oil and gas platforms and other harzardous areas.
Cold cutting is carried out at low temperatures and has many advantages: The pipe material remains cold, so that the damage to the material is reduced to a minimum. In addition, there are no sparks, no discolouration and no environmental pollution.

Modular drives and tool holders

The drives and tool holders are a basic component of the pipe cutting machines. An adapter allows all motor types and sizes (pneumatic, hydraulic) to be interchanged.

- Modular design
- Easy exchange on site
- Lower investment costs





Servo Drive Motor

Electric servo drive motors



The DLW pipe cutting and beveling machines can optionally be equipped with electric servo drive motors, which allows speed, torque and current consumption to be displayed and measured during the cutting process.

Advantages:

- Available with 230 V and 400 V connection
- For cutting and beveling thick-walled pipes
- Shockproof and corrosion resistant
- Large display and emergency stop switch
- Speed, torque and current consumption are displayed during the cutting and beveling process

Power	Area	Wall thickness	Material	Tooling
230V / 1,5 kW	DLW 2-6 - DLW 12-18	40 mm	steel, stainless steel	Inserts + HSS Tooling
400 V / 3,5 kW	DLW 14-20 - DLW 48 - 57	40 mm	steel & stainless steel	Inserts + HSS Tooling

Pneumatic motor

Air driven motors

- Extremely powerful motor
- Durable motor
- Modular interchangeable
- Suitable for HSS tools
- Insert solutions for beveling



Power	Area	Air consumption	Air pressure	Wall thickness	Material
1.700 W / 2,3 HP	DLW 2-6 - DLW 6-12	1,80 m³/min	6,0 bar	80 mm	steel, stainless steel
3.000 W / 4,1 HP	DLW 8-14 - DLW 48 - 57	3,10 m³/min	6,0 bar	100 mm	steel, stainless steel, high-alloy and heat-resistant steels





Hydraulic motor

Hydraulically driven motors

- Extremely powerful motor
- Durable motor
- Modular interchangeable
- Insert solutions for beveling
- High speed motors available



Power	Area	Wall thickness	Material	Tools
11.000 W / 15 HP	DLW 2-6 - DLW 48 - 57	100 mm	steel, stainless steel, high-alloy and heat-resistant steels	Inserts + HSS Tools