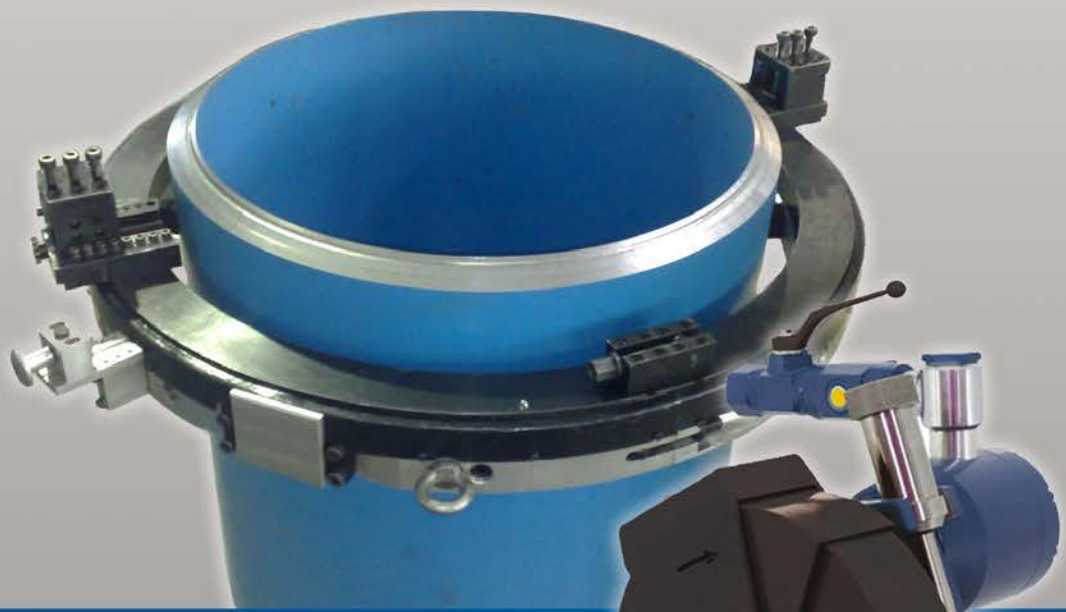


PIPE CUTTING AND BEVELING

The perfect machines for pipe cutting and beveling of heavy wall pipes. With our huge range of pipe cutting and pipe cutting and beveling machines every kind of pipe can be cut for further pipe edge preparation.



In practice it has been proved that weld preparation of pipe ends influence in a high degree the quality of the welding junction. For welding applications of heavy wall pipes and for orbital pipe welding technology the welding engineer requires nowadays a perfect and effective weld preparation in pipe welding process by use of mechanized weld preparation. Our pipe cutting and beveling machines can machine diameters up to 66 inch outside diameter. Light in weight the machines are driven by pneumatic, electric or hydraulic motors and controllable by a single operator. The bevel cutting machines have a high metal removal rate, are easy to handle and constructed in a rugged and compact way.

The portable machine for steel pipe cutting type DLW has been developed in cooperation with European Offshore industry. The machine avoids any heat affected zone (haz) and is specially designed for heavy wall steel pipes in heavy duty applications. Their high working speed and quick readiness for use allow economic manufacture in on-site or off-site application.

Properties / Benefits:

- High cutting capacity
- Quick and secure clamping
- Rugged and compact construction
- Easy handling
- High quality weld prep
- Less noise, dust and sparks
- Ergonomic
- High metal removal rate

Quality control:

Without exception, all DWT pipe milling machines undergo strict quality checks in every production phase in order to be able to guarantee top-quality products at all times.

Delivery:

Professional transport case made of metal.

	Range		Wallthickness	Material	Drive	Application
	mm	inch				
DLW	60,3 - 1.219,2	2 - 48	max. 80 mm	steel, stainless steel, duplex, high alloys	Pneumatic Hydraulic Servo	Pipe cutting and beveling
DLW-HD	1.041,4 - 1.447,8	41 - 57	max. 80 mm	steel, stainless steel, duplex, high alloys	Pneumatic Hydraulic	Pipe cutting and beveling
CPC-B	150 - 7010	6 - 276	max. 50 mm	steel, stainless steel, duplex, high alloys	Pneumatic Hydraulic	Pipe cutting and beveling
CPC	300 - 1.600	1,181 - 62,992	depending on material	steel, stainless steel, plastic, ductile	Pneumatic Hydraulic	Single pipe cutting

Video of application



Pipe cold cutting machine typ DLW

Simultaneous cutting and bevelling of pipes

- Split-Frame Technology for endless heavy wall steel pipe
- Extremely low weight of the cold cutting machine for easy handling and lifting
- Compact dimensions for use in areas with limited access
- Quick and safe clamping and adjustment
- Cold cutting equipment developed with „On-Site Know-How“
- Perfect pipe cold cutter for machinery operations where cold cutting methods are often required



Split-Frame Technologie

Advantages

The portable pipe cutting machine for steel pipe machining of pipes on-site is able to perform beveling and cutting of steel pipes as well as stainless steel and high alloyed steel pipes. The machines are reduced in weight and dimensions. The accessories allow multiple operations, like beveling and cutting in one operation, inside beveling, flange repair of flange facing. The clamshell pipe cutter is available from 3 - 57". The pipe cutter can do all kind of pipe weld preparation by use of different tools.

Intended use of pipe cold cutting machine

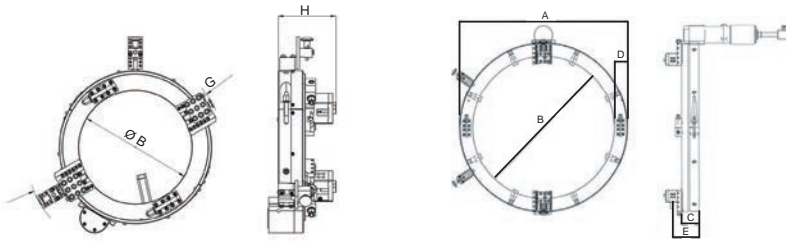
The DLW pipe cold bevel machine is designed for cutting, beveling and counter boring of piping, pipelines for production and repairs. With a special adapter flange preparations are possible.

The transportable pipe cold bevel machine, type DLW for the preparation of pipes and pipelines, can be nearly used without limitations on site. The machines are extremely lightweight, do not require much space and convince by a simple installation. They distinguish by its numerous machinery application possibilities.

The drives of the clamshell pipe cold cutter are a basic component of the pipe cutting machine. All motors are west european standard. An adapter allows easy exchange of all motor types and sizes (pneumatic, hydraulic):

- Modular design
- Easy exchange on-site
- Reduced investment





Typ No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	G (mm)	H (mm)	Weight (kg)	Pipe OD (mm)		max. WT (mm)
									min.	max.	
DLW 2-6	319	182	88,5	68	120	202	188	23	60,3	168,30	80
DLW 4-8	366	232	88,5	68	120	224	188	27	88,9	219,1	80
DLW 5-10	420	286	88,5	68	120	249	188	30	114,3	273,1	80
DLW 6-12	470	340	88,5	68	120	261	188	34	141,3	323,9	80
DLW 8-14	496	368	88,5	68	120	262	188	38	193,7	355,6	80
DLW 10-16	550	421	88,5	68	120	317	188	42	244,5	406,4	80
DLW 12-18	604	470	88,5	68	127	341	188	45	298,5	457	80
DLW 14-20	655	525	88,5	68	127	369	188	50	330,2	508	80
DLW 18-24	759	625	88,5	68	127	420	188	60	431,8	610	80
DLW 24-30	920	775	88,5	74	127	496	188	83	584,6	762	80
DLW 30-36	1068	928	88,5	74	127	572	188	93	736,6	914,4	80
DLW 36-43	1250	1105	88,5	74	127	661	188	102	889	1092,2	80
DLW 40-48	1420	1245	95	89	151	731	194	194	990,6	1219,2	80
Heavy Duty Version											
DLW-HD 53	1609,7	1371,6	158,8	119,1	215,9	-	-	314	1041,4	1346,2	100
DLW-HD 55	1660,5	1422,4	158,8	119,1	215,9	-	-	325	1092,2	1397,0	100
DLW-HD 57	1711,3	1473,2	158,8	119,1	215,9	-	-	333	1143	1447,8	100

*other sizes on request, wall-thickness and pipe OD also depend on material and selected cutting tools

Operations & Options DLW Cold Cutter

Field of application :

- Radial pipe cold cutting
- Pipe beveling
- Simultaneous cutting & beveling
- Beveling both end in one operation
- Inside machining of pipe ends
- Flange facing
- Outside machining of weld seams

All metal materials of pipe and pipeline:

- Duplex
- Hastelloy
- Superduplex
- Stainless steel
- P91
- Carbon steel

Options drive of pipe cold cutter:

- Hydraulic Motor (recommended), power 11.000 W
- Pneumatic Motor up to DLW 12" OD, power 1.700 W (air consumption: 1,80 m3/min)
- Pneumatic Motor up to DLW 57" OD, power 3.000 W (air consumption: 3,10 m3/min)
- Electrical Motor (max. WT=10 mm) on request