

Pipe and tube bevelling machine PROTEM® S18

Technical Features

Machining capacity	18 mm ID – 42 mm OD 0,7 ID – 1,6" OD
Clamping capacity	18 mm ID – 42 mm ID 0,7 ID – 1,6" ID
Bevel forms	Facing, 30 and 37°30 bevel, counterbore, J-bevel, others on request
Clamping	Manual
Feed stroke	35 mm / 1,4"
Cutting drive	300 rpm off-load speed 150 rpm nominal speed



No heat affected zone!

The **PROTEM S18** portable pipe bevelling tool is the most powerful, robust, reliable and versatile bevelling and facing machine in the world. The S 18 covers ranges of diameters from Ø18 mm ID (0.7") to Ø 42 mm OD (1.6"). The standard tool plate will accept multiple tool bits, allowing up to four simultaneous machining operations. Such operations may include bevelling, facing, counterboring, compound bevelling, OD chamfering, removal of weld joints on tube sheets, lengthening of tubes on tube sheets. The S 18 features a self-accepting torque system and an integral drive motor. The robust S 18 will perform repeatable high quality weld preparations on all types of materials including stainless steel duplex, super duplex, inconel, P91 etc.

Machine is delivered with:

- 5 sets of expansion blades:
17,55 - 23,95 22,50 - 29,50 27,45 - 3
3,85 32,45 - 38,80 37,35 - 43,75
- 1 tool bit 90°
- 1 tool bit 30°
- Keys and screws
- Operating manual

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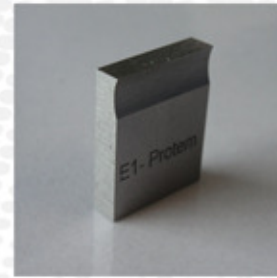
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References

Order no.	Article	Weight
S18	S18 with pneumatic drive 730 W	~ 3,00 kg
S18E	S18 with electric drive, machining capacity 18-32 mm (0.7 – 1.3")	~ 3,00 kg
S18KH	S18 with feed lever	~ 3,00 kg
S18CA	S18 CA with automatic pneumatic clamping and a manual feed lever	~ 5,00 kg

Options

S18-K01	Transport crate for S18
S18-LEV	Feed lever for S18
S18-OM1	Optional mandrel for diameters from 14-22 mm (0.5 – 0.8")
S18-Bal	Balancer
S18-FC	Limit stop for S18
S18-PPF	Milling head S18 for bevelling tubes 30° . without land. Inserts standard right.
O-SE-P2-3.3-H-T-25*	Tool insert for S18TP, min. quantity to be ordered: 10 units

Options


Order no.	Article	
O-S18-E1-4-H-50	Tool bits 90° for S18	
O-S18-E1-4-H-F-50	Tool bits 90° for S18 with TICN coating	
O-S18-E2-4-H-52	Tool bits 30° for S18	
O-S18-E2-4-H-F-52	Tool bits 30° for S18 with TICN coating	
O-S18-E2inv-4-H-52	Tool bits 30° for S18, for counterboring	
O-S18-E3-4-H-51	Tool bits 37°30 for S18	
O-S18-E3-4-H-F-51	Tool bits 30° for S18 with TICN coating	
O-S18-E4-4-H-53	Tool bits 45° for S18	
O-S18-E4-4-H-F-53	Tool bits 45° for S18 with TICN coating	
OPT-RP	Pneumatic valve for flow regulation	
FRL200	Maintenance unit for pneumatically operated machines with pressure adjustment	
Kit01	Flexible tubing set for pneumatically operated machines for machine SM8, S18	
F-Lub-0,5-L	Oil for lubricating filters bottle 0,5 liter	
F-Lub-1-L	Oil for lubricating filters bottle 1 liter	
F-Lub-5-L	Oil for lubricating filters bottle 5 liter	
OPT-SPH	Chip Hook	