

## Product Catalogue

The main characteristic of NCB series:

- A. Easy to operate
- B. Portable type
- C. The blade feed automatic
- D. Cutting and bevelling at the same time
- E. Can be separate into two parts.

## Content

Pipe cutting and bevelling machines

Out-mount electric pipe cutting and bevelling machine

Inner swell electric pipe bevelling machine

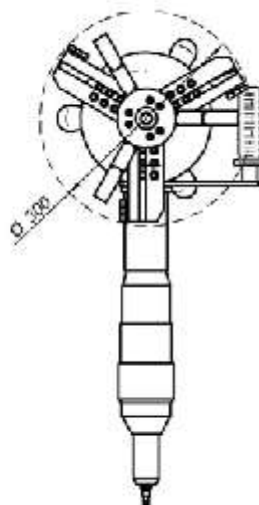
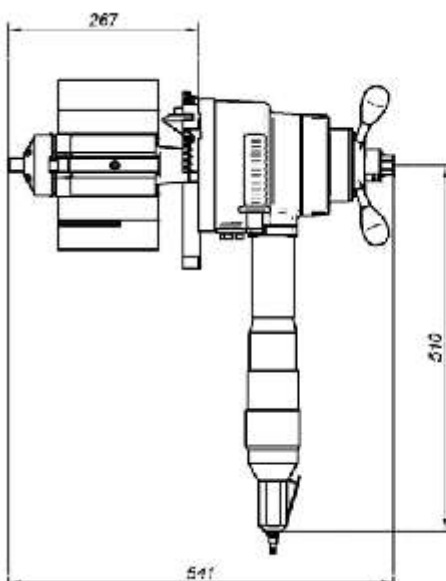
Inner swell pneumatic pipe bevelling machine



## PRO-10 PB™ - PORTABLE PIPE BEVELER



PRO10-PB pipe bevelling machine is designed for portable use on pipe machining operations. It allows efficient use by single operator. It is a typical heavy duty ID mounting pipe beveler. PRO10-PB is able to bevel, face off and counterbore simultaneously in separate operations.

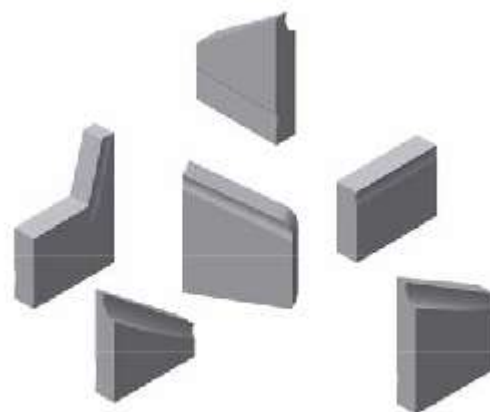
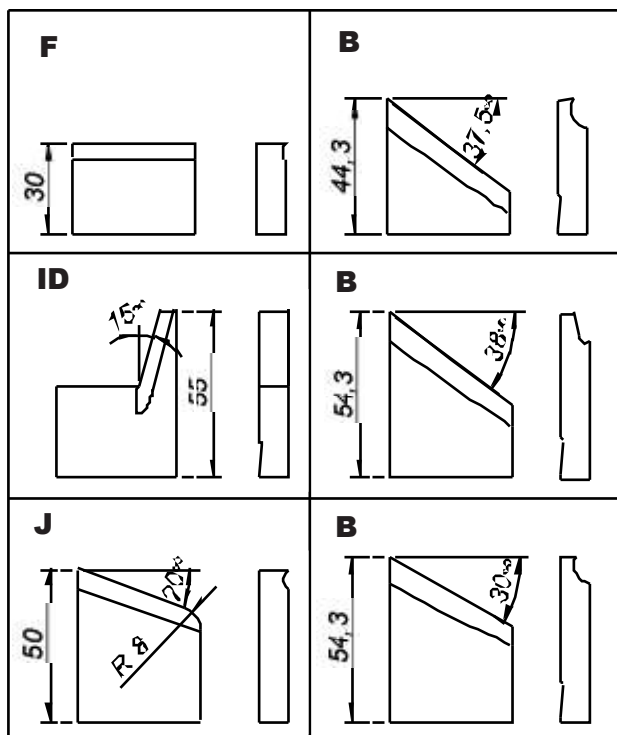


### Technical Data:

|                  |            |
|------------------|------------|
| Pneumatic drive: | 1,5 kW     |
| Air requirement: | 90 psi     |
| Air consumption: | 62 cfm     |
| RPM is:          | 8 - 15 rpm |
| Machining range: |            |
| Min ID           | 40 mm      |
| Max OD           | 273 mm     |
| Wall thickness:  | 20 mm      |
| Weight:          | 31,5 Kg.   |

**Pipe beveling, pipe beveling and cutting machine series**

## PRO-10 PB™ - PORTABLE PIPE BEVELER STANDARD



## OVAL ATTACHMENT



The option enables bevelling the oval pipes with retaining the uniform phase

## Pipe cutting and beveling machines

### *Out-mount electric pipe cutting and beveling machine*

OCE-159



Working Range: 50-159mm

Cutting thickness: 4-25mm

Rotational speed: 20r/min

Weight: 30 kg

Main characteristic:

This machine adopts steel cutter cutting at a high speed without spark, it does not influence the tube material; The machine can cutting and beveling at the same time; The blade feed is automatic. Whole rigidity is good; The precision is high; It is simple to operate.

OCE-300



Working Range: 150-300mm

Cutting thickness: 4-25mm

Rotational speed: 13r/min

Weight: 48 kg

Main characteristic:

This machine adopts the planet gear reducer, the main frame can be separated to two part; Suitable for the mid-cutting; The blade feed is automatic, can cutting and beveling at the same time; The grade of precision reaches Q 2, WAT01-2002 standard and requires , it is simple to operate, it is safe and reliable.

## OCE-450



### Main characteristic:

This machine adopts the high-performance electrical machinery to drive, the transmission effected by the bearing on the guide of rotating, rigidity is good, the precision is high; There is scale on the blade platform, can operate at any angle, and can feed automatic, it is safe and reliable to use.

Working Ranger: 300-450mm

Cutting thickness: 4-25mm

Rotational speed: 10r/min

Weight: 76 kg

## OCE-600



### Main characteristic:

This machine adopts the high-performance electrical machinery to drive, the transmission effected by the bearing on the guide of rotating, rigidity is good, the precision is high; There is scale on the blade platform, can operate at any angle, and can feed automatic, it is safe and reliable to use.


Working range: 450-600mm

Cutting thickness: 4-25mm


Rotational speed: 8r/min

Weight: 100 kg

## OCE-750

|  |   |
|--|---|
|                                 | <p>Main characteristic:</p> <p>This machine is designed for heavy-caliber pipeline installation of the nuclear power, petroleum, natural gas, power supply construction, boiler, etc. Put and insert once, can cut and bevel at the same time; It is installed fast and firm, whole rigidity fine; high precision; Equipped with the bevel blade platform and cutting blade platform on the round ring; The blade can be fed automatically; It is simple to operate; with high efficiency, safe and reliable.</p> |
| <p>Working range: 600-750mm<br/>Cutting thickness: 5-25mm<br/>Rotational speed: 7r/min</p> <p>Weight: 120 kg</p> |   |

## OCE-900

|  |  |
|--|--|
|                               | <p>Main characteristic:</p> <p>This machine is designed for heavy-caliber pipeline installation of the nuclear power, petroleum, natural gas, power supply construction, boiler, etc. Electrical machinery drive, speed-down by the reducer, the rotating of cut/bevel blade platform droved by gear; and automatic feed; it can cut and bevel at the same time; it is installed fast and firm, beveling precision high.</p> |
| <p>Working Range: 750-900mm<br/>Cutting thickness: 6-25mm<br/>Rotational speed: 6r/min</p> <p>Weight: 145 kg</p> |  |



OCE-1050



## Main characteristic:

This machine designed for nuclear power, boiler etc. It is suit for the installation of heavy-caliber pipeline. The operation is fast and convenient, the precision is high; It can be installed and used on the any angle of pipeline; The quality of welding greatly enhanced, safe and reliable, etc.

Working range: 900-1050mm

Cutting thickness: 6-25mm

Rotational speed: 5r/min

Weight: 160 kg

## ISE-30 Inner swell electric pipe bevelling machine



### Main characteristic:

This machine drive by electronic reducer, the speed of beveling is fast, the precision is high, After install it, then operate the expanding handle can finish the beveling.

It is suit for the pipeline installation of boiler, food and pharmacy etc.

Working Range: 18-30mm  
Cutting thickness: 1.5-15 mm

Weight: 6 KG

## ISE-80



Patent mark: 200430081797.X

### Main characteristic:

The power is 220V/800W, cutters angle can be choose between 0°~37°. Swell is firm and fast, rigidity is good, the precision is high, the appearance is generous, easy to operate. Wildly applied to electricity construction, petroleum, chemical industry, etc.

Working Range: 28-80mm  
Cutting thickness: 1.5-15 mm

Weight: 7 kg



## ISE-159



Machine patent mark: 99300551-9

Main characteristic:

This machine adopts 3-grade planet reducer, It is operated at any angle, it can be expanded firm and fast, can finish the beveling within several minutes, good performance.

Working Range: 65-159mm  
Cutting thickness: 3-20 mm

Weight: 12 kg

## ISE-252-1



Main characteristic:

This machine is designed according to Q/WAT01-2002 standard, the power is 200V/900W, adopts 3-grade planet reducer, rigidity is good, the beveling strength is great, the precision is high; there are switch on the hand wheel, one for blade feeding speed and one for feed strength.

Working Range: 80-273mm  
Cutting thickness: 4-20 mm

Weight: 37 kg

# T. BENTSEN AS

ISE-352-1



**Main characteristic:**

The power is 200V/1000W, adopts 3-grade planet reducer, rigidity is good, the beveling strength is great, the precision is high; there are switch on the hand wheel, one for blade feeding speed and one for feed strength.

Working Range: 150-352mm

Cutting thickness: 4-20 mm

Weight: 42 kg

ISE-630-1



**Main characteristic:**

The machine uses more extensive, not only process the U, V welding line, but also can treat the welded convex flange and plain flange. There are angle scales on the blade platform. It can work at any angle, and blade can feed automatically, It is simple to operate.

Working Range: 300-630mm

Cutting thickness: 4-20 mm

Weight: 54 kg

**Pipe beveling, pipe beveling and cutting machine series**

# T. BENTSEN AS

ISE-252-2



Main characteristic:

The machine can meet the beveling of heavy-caliber and thick pipeline. Not only process the U, V welding line, back ridging, but also can treat the welded convex flange and plain flange. There is angle scales on the blade platform. It can work at any angle, and blade can feed automatically, It is simple to operate.

Working Range: 80-273mm  
Cutting thickness: 15-75 mm

Weight: 39 kg

ISE-352-2



Main characteristic:

The machine used more extensive, not only process the U, V welding line, but also can treat the welded convex flange and plain flange. There are angle scales on the blade platform. It can work at any angle, and blade can feed automatically, It is simple to operate.

Working Range: 150-352mm  
Cutting thickness: 15-75 mm

Weight: 45 kg

**Pipe beveling, pipe beveling and cutting machine series**

ISE-630-2



Main characteristic:

The machine can meet the beveling of heavy-caliber and thick pipeline. Not only process the U, V welding line, back ridging, but also can treat the welded convex flange and plain flange. There is angle scales on the blade platform. It can work at any angle, and blade can feed automatically, It is simple to operate.

Working Range: 300-630mm

Cutting thickness: 15-75 mm

Weight: 59kg