

# **China Traditional Pipe Beveling Machine**

We have some size same as China traditional but different in the following points:



## 1/ Electric motor

We supply kinds of electric motor to customer for option. One is China professional supplier, another is Germany BOSCH. But other supplier they use self-made motor, high temperature and easy burnt.



# 2/ Heat treatment

Heat treatment is very important for machine part, directly affect the life of machine

Traditional heat treatment is by human operation, our heat treatment supplier adopts Germany NC device, exact reach the



# 3/ Surface treatment

Machine body we adopt new surface treatment replace the paint. Machine parts black coating adopt Germany Technology.

80



**IDB-80** 



I.D. 28-76mm

High pressure cast aluminum body, light weight

#### Feature

On-site cold Beveling improves Easy set-up & Operation

Self-Centering Can be positioned in any direction Feed ratchet spanner makes tool feed / back easily Light weight and compact design Electric or Pneumatic driven for option

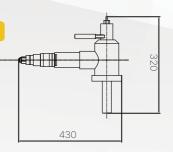
#### **IDE-80**



Electric drive is interchange able with Pneumatic drive, only change the motor.

### **Standard Supply**

Machine with its driven motor Full set expanding blocks Hand tools, Manual Package: Plastic case JC20PC





#### **Specification**

**BOSCH** 

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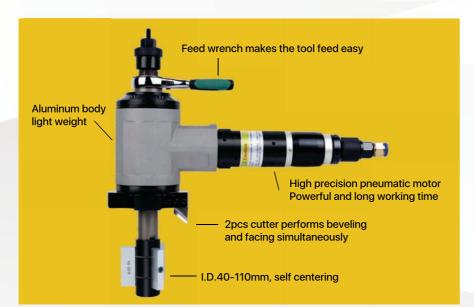
#### Features

Right angle tool rigidly mounts to tube I.D.
Can be positioned in any direction
Self-centering Clamping system
Easy set up & operation
Electric or Pneumatic driven for option

#### **Standard Supply**

Machine with its driven motor Full set expanding blocks Hand tools, Manual Package: plywood case







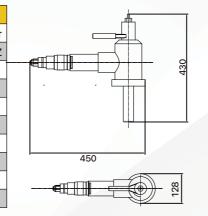






#### Specification

Model	IDP-120	IDE-120	IDB-120
Driven	Pneumatic	Electric	Electric,Bosch motor
Power Supply	900L/Min@0.6Mpa	220-240V 1PH50/60HZ	220-240V1PH50/60HZ
Motor Power	1 HP	1050W	1000W
Clamping Range (ID)	40-112mm	40-112mm	40-112mm
Working Range (OD)	4"(114.3mm)	4"(114.3mm)	4"(114.3mm)
Wall Thickness	≤15mm	≤15mm	≤15mm
Rotation Speed	40r/Min	37r/Min	38r/Min
Working Weight	12.5kgs	16kgs	16kgs
Shipping Weight	24 kgs	27kgs	27kgs
Packing Size	610x520x210mm	610x520x210mm	610x520x210mm



# 252

#### **Features**

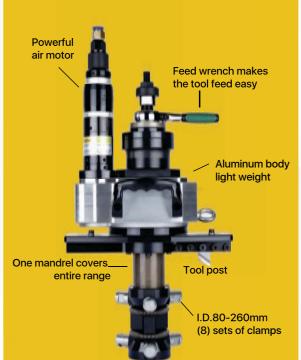
Straight type, low radial clearance (8) sets of clamps cover the entire range

One mandrel covers entire range Can be positioned in any direction Self-centering Clamping system Easy set up & operation Electric or Pneumatic driven for option

#### The ID-Mounted

IDP-252 is a wide working range machine cover 3"-10" OD pipe, makes it as a popular machine on the market. End prepping carbon steel, stainless steel, P-91 and other hard material.









IDE Electric drive is interchangeable with Pneumatic drive, only change the motor.

#### **Tool Bits**

Standard tool: V type beveling U type beveling Facing

- \* Contact us for tooling chart
- \* Consult us for special demand

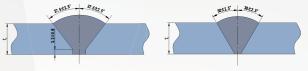


J-Prep. Tool V-Prep. Tool Facing Tool Inside Beveling

### **Specification**

Model	IDP-252	IDE-252
Driven	Pneumatic	Electric
Power Supply	1200L/Min@0.6Mpa	220-240V1PH50/60HZ
Motor Power	1.5HP	1200W
Clamping Range(ID)	80-260mm	80-260mm
Working Range(OD)	10"(273.05mm)	10"(273.05mm)
Wall Thickness	≤20mm	≤20mm
Rotation Speed	26 r/Min	25r/min
Working Weight	37kgs	40kgs
Shipping Weight	48kgs	51kgs
Packing Size	720x375x315mm	720 x 375 x 315 mm

#### **Typical Buttwelding**



37.5 deg. V type beveling with 1.6mm root

30 deg. V type beveling

#### **Standard Supply**

Machine with its driven motor Full set expanding blocks

Hand tools, Manual Package: plywood case

**37** 



# 426



#### **Features**

Straight type, low radial clearance Full sets of clamps cover the entire range One mandrel covers entire range Can be positioned in any direction Self-Centering clamping system Easy set up & operation Powerful electric motor

# 630



### **Tool Bits**

Standard tool: V type beveling U type beveling Facing









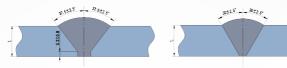
J-Prep. Tool Facing Tool Inside Beveling

- \* Consult us for special demand
- \* Contact us for tooling chart

### **Specification**

Model	IDE-426	IDE-630
Driven	Electric	Electric
Power Supply	220-240V 1PH 50/60HZ	220-240V 1PH 50/60HZ
Motor Power	1600W	1600W
Clamping(ID)	250-410mm	300-600mm
Max Working Range(OD)	16" (406.4mm)	24" (609.6mm)
Wall thickness	≤20mm	≤20mm
Rotation Speed	11r/Min	9r/Min
Working Weight	83kgs	107kgs
Shipping Weight	115kgs	166kgs
Package Size	940*530*420mm	940*700*460mm

# **Typical Buttwelding**



37.5 deg. V type beveling with 1.6mm root

30 deg. V type beveling

#### **Standard Supply**

Machine with its driven motor Full set expanding blocks

Hand tools, Manual Package: plywood case

# **Tooling Chart**

	Facing	tools	
Description	Part Number	Application	Sketch
M42 Facing tool 6X22mm, Step type	42F-0622S	V1	
M42 Facing tool 8X22mm, Step type	42F-0822S	V3, V6, V8 80, 120, 252	
M42 Facing tool 8X22mm	42F-0822	V3, V6, V8 80, 120, 252	
M42 Facing tool 10X25mm	42F-1025	V14	
M42 Facing tool 20x20mm	42F-2020	426,630	
	Beveling	j tools	
Description	Part Number	Application	Sketch
M42 Beveling Tool 6X22mm, Step type	42B-0622S-30° 42B-0622S-37.5° 42B-0622S-a	V1 a is be veling angle required	
M42 Beveling Tool 8X22mm, Step type	42B-0822S-30° 42B-0822S-37.5° 42B-0822S-a	V3, V6, V8 80, 120, 252 a is beveling angle required	
M42 Beveling Tool 8X22mm	42B-0822-30° 42B-0822-37.5° 42B-0822-a	V3, V6, V8 80, 120, 252 a is beveling angle required	
M42 Beveling Tool 10X25mm	42B-1025-30° 42B-1025-37.5° 42B-1025 -a	V14 a is beveling angle required	
M42 Beveling tool 20x20mm	42B-2020-a	426, 630 a is beveling angle required	
	Inner Beveli		
Description	Part Number	Application	Sketch
M42 Inner Beveling tool 8X22mm, Step type	42I B-0822S-12° 42I B-0822S-15° 42I B-0822S -a	V3, V6, V8 80, 120, 252 a is beveling angle required	
M42 Inner Beveling tool 8X22mm	42I B-0822-12° 42I B-0822-15° 42I B-0822 -a	V3, V6, V8 80, 120, 252 a is beveling angle required	
M42 Inner Beveling tool 10X25mm	42I B-1025-12° 42I B-1025-15° 42I B-1025 -a	V14 a is beveling angle required	
M42 Inner Beveling tool 20x20mm	42IB-2020-a	426, 630 a is beveling angle required	

<sup>\*</sup> Consult us for special application