

## **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 requirement.



## **3** Surface treatment

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



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IDB-80

Machine with its driven motor Full set expanding blocks Hand tools, Manual

#### **Specification**

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#### Feature

On-site cold Beveling improves Safety 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.





⊡tlvam-n⊡n-EN8⊡as



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# 120

#### 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



Aluminum body light weight Aluminum body light weight High precision pneumatic motor Powerful and long working time 2pcs cutter performs beveling and facing simultaneously I.D.40-110mm, self centering

**IDP-120** 







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#### **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     | 24kgs           | 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.



#### **Tool Bits**

Standard tool: V type beveling U type beveling Facing

Powerful air motor

One mandrel covers\_

entire range

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

#### **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 |  |





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# 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 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<br>6X22mm, Step type   | 42F-0622S                                      | V1                                       |        |  |
| M42 Facing tool<br>8X22mm, Step type   | 42F-0822S                                      | V3, V6, V8<br>80, 120, 252               |        |  |
| M42 Facing tool<br>8X22mm              | 42F-0822                                       | V3, V6, V8<br>80, 120, 252               |        |  |
| M42 Facing tool<br>10X25mm             | 42F-1025                                       | V14                                      |        |  |
| M42 Facing tool<br>20x20mm             | 42F-2020                                       | 426,630                                  |        |  |
|  | Beveling                                       | y tools                                  |        |  |
| Description                            | Part Number                                    | Application                              | Sketch |  |
| M42 Beveling Tool<br>6X22mm, Step type | 42B-0622S-30°<br>42B-0622S-37.5°               | V1<br>a is be veling angle required      |        |  |
| oxzzmini, Step type                    | 42B-0622S -a                                   |  |        |  |
| M42 Beveling Tool                      | 42B-0822S-30°<br>42B-0822S-37.5°               | V3, V6, V8<br>80, 120, 252               |        |  |
| 8X22mm, Step type                      | 42B-0822S -a                                   | a is beveling angle required             | V      |  |
| M42 Beveling Tool                      | 42B-0822-30°<br>42B-0822-37.5°                 | V3, V6, V8<br>80, 120, 252               |        |  |
| 8X22mm                                 | 42B-0822-a                                     | a is beveling angle required             |        |  |
| M42 Beveling Tool<br>10X25mm           | 42B-1025-30°<br>42B-1025-37.5°<br>42B-1025 - a | V14<br>a is beveling angle required      |        |  |
| M42 Beveling tool<br>20x20mm           | 42B-2020-a                                     | 426, 630<br>a is beveling angle required |        |  |
|  | Inner Bevel                                    |  |        |  |
| Description                            | Part Number                                    | Application                              | Sketch |  |
|  | 42I B-0822S-12°                                | V3, V6, V8                               |        |  |
| M42 Inner Beveling tool                | 42I B-0822S-15°                                | 80, 120, 252                             | R      |  |
| 8X22mm, Step type                      | 421 B-0822S -a                                 | a is beveling angle required             |        |  |
|  | 42I B-0822-12°                                 | V3, V6, V8                               |        |  |
| M42 Inner Beveling tool<br>8X22mm      | 42I B-0822-15°                                 | 80, 120, 252                             | A      |  |
| 072211111                              | 42I B-0822 -a                                  | a is beveling angle required             |        |  |
|  | 42I B-1025-12°                                 |  |        |  |
| M42 Inner Beveling tool<br>10X25mm     | 42I B-1025-15°                                 | V14                                      |        |  |
|  | 42I B-1025 -a                                  | a is beveling angle required             | n      |  |
| M42 Inner Beveling tool<br>20x20mm     | 42IB-2020-a                                    | 426, 630<br>a is beveling angle required |        |  |

\* Consult us for special application

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