China Traditional Pipe Beveling Machine

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

1/ Electric motor
We supply 2 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Driven</th>
<th>Electric or Pneumatic</th>
<th>Power Supply</th>
<th>Motor Power</th>
<th>Clamping Range (ID)</th>
<th>Working Range (OD)</th>
<th>Wall Thickness</th>
<th>Rotation Speed</th>
<th>Working Weight</th>
<th>Shipping Weight</th>
<th>Packing Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDP-80</td>
<td>Pneumatic</td>
<td>220-240V 1PH 50/60HZ</td>
<td>900L/Min@0.6Mpa</td>
<td>1 HP 720W</td>
<td>28-76mm</td>
<td>3&quot; (88.9mm)</td>
<td>15mm</td>
<td>46 r/min</td>
<td>8.15kgs</td>
<td>16kgs</td>
<td>500x420x180mm</td>
</tr>
<tr>
<td>IDE-80</td>
<td>Electric</td>
<td>220-240V 1PH 50/60HZ</td>
<td>900L/Min@0.6Mpa</td>
<td>1 HP 850W</td>
<td>28-76mm</td>
<td>3&quot; (88.9mm)</td>
<td>15mm</td>
<td>46 r/min</td>
<td>8.5 kgs</td>
<td>17kgs</td>
<td>500x420x180mm</td>
</tr>
</tbody>
</table>
**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

**IDP-80**

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

**IDB-80**

**Standard Supply:**

Machine, 1 cutting tool bit, 1 30° degree beveling tool bit, 1 37.5° degree beveling tool bit, air motor, manual, expanding block, wrench, Guarantee card

**Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>IDP-80</th>
<th>IDE-80</th>
<th>IDE-80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive</td>
<td>Pneumatic</td>
<td>Electric</td>
<td>Electric, Bosch motor</td>
</tr>
<tr>
<td>Power Supply</td>
<td>900L/min@0.6Mpa</td>
<td>220-240V, 1PH, 50/60Hz</td>
<td>220-240V, 1PH, 50/60Hz</td>
</tr>
<tr>
<td>Motor Power</td>
<td>1 HP</td>
<td>720W</td>
<td>850W</td>
</tr>
<tr>
<td>Clamping Range (ID)</td>
<td>28-76mm</td>
<td>28-76mm</td>
<td>28-76mm</td>
</tr>
<tr>
<td>Working Range (OD)</td>
<td>3&quot; (88.9mm)</td>
<td>3&quot; (88.9mm)</td>
<td>3&quot; (88.9mm)</td>
</tr>
<tr>
<td>Wall Thickness</td>
<td>≤15mm</td>
<td>≤15mm</td>
<td>≤15mm</td>
</tr>
<tr>
<td>Rotation Speed</td>
<td>46 rpm</td>
<td>48 rpm</td>
<td>48 rpm</td>
</tr>
<tr>
<td>Working Weight</td>
<td>8.15kgs</td>
<td>8.5 kgs</td>
<td>8.5 kgs</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>17kgs</td>
<td>17kgs</td>
<td>17kgs</td>
</tr>
<tr>
<td>Packing Size</td>
<td>400x420x180mm</td>
<td>500x420x180mm</td>
<td>500x420x180mm</td>
</tr>
</tbody>
</table>

www.nodha.com
- **IDP-120 -**

**NODHA**

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>IDP-120</th>
<th>IDE-120</th>
<th>IDE-120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive</td>
<td>Pneumatic</td>
<td>Electric</td>
<td>Electric, Bosch motor</td>
</tr>
<tr>
<td>Power Supply</td>
<td>900L/min@0.6Mpa</td>
<td>220-240V 1PH 50/60HZ</td>
<td>220-240V 1PH 50/60HZ</td>
</tr>
<tr>
<td>Motor Power</td>
<td>1 HP</td>
<td>1050W</td>
<td>1000W</td>
</tr>
<tr>
<td>Clamping Range (ID)</td>
<td>40-110mm</td>
<td>40-110mm</td>
<td>40-110mm</td>
</tr>
<tr>
<td>Working Range (OD)</td>
<td>4”(114.3mm)</td>
<td>4”(114.3mm)</td>
<td>4”(114.3mm)</td>
</tr>
<tr>
<td>Wall Thickness</td>
<td>≤15mm</td>
<td>≤15mm</td>
<td>≤15mm</td>
</tr>
<tr>
<td>Rotation Speed</td>
<td>66r/Mn</td>
<td>37r/Mn</td>
<td>38 r/Mn</td>
</tr>
<tr>
<td>Working Weight</td>
<td>12.9kgs</td>
<td>16kgs</td>
<td>18kgs</td>
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<tr>
<td>Shipping Weight</td>
<td>24kgs</td>
<td>27kgs</td>
<td>27kgs</td>
</tr>
<tr>
<td>Packing Size</td>
<td>610x620x210mm</td>
<td>610x620x210mm</td>
<td>610x620x210mm</td>
</tr>
</tbody>
</table>

**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, Tooling set, 1.5 degree beveling tool bit, 114.3 degree beveling tool bit, air motor, manual, expanding block, wrench, Guarantee card

- **IDP-252**

Clamp Range(ID): 40-110mm
Working Range(OD): 4”(114.3mm)

High precision pneumatic motor
Powerful and long working time

- **IDB-120**

Clamp Range(ID): 40-110mm
Working Range(OD): 4”(114.3mm)

- **IDE-120**

Clamp Range(ID): 40-110mm
Working Range(OD): 4”(114.3mm)

* Contact us for tooling chart
* Consult with us for special demand

- **BOSCH**

Aluminum body
Light weight

* Straight type, low radial clearance
* One mandrel covers entire range
* (8) sets of clamps cover the entire range
* Powerful and long working time
* High precision pneumatic motor
* Feeding wrench makes tool feed easy

* Powerful and long working time
* High precision pneumatic motor
* Feed wrench makes tool feed easy

- **Typical Buttwelding**

37.5 deg. V T type beveling with 1.6mm root
30 deg. V type beveling

- **Facing Tool**

V-type beveling
J-type beveling

- **U type beveling**

- **V type beveling**

- **Standard tool:**

Beveling operation utilizes an I.D.40-110mm, self-centering expandable mandrel which is slid into the open end of the pipe. A draw nut is tightened, which expands the mandrel blocks up against the ID surface. As the tool bit is fed into the bore, a bevel is ground into the bit. The angle predetermined by the expanded mandrel blocks is centered and squared to the ID. I.D.80-240mm, self-centering, powerful and long working time.

End prepping carbon steel, stainless steel, P-91 and other hard material.

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3”-10” OD pipe, machine cover 3”-10” OD pipe.

2pcs cutter performs beveling and facing simultaneously.

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The ID-Mounted machines are compact and lightweight. In the market, End prepping carbon steel, stainless steel, P-91 and other hard material.

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The ID-Mounted

Beveling operation utilizes an expandable mandrel which is slid into the open end of the pipe. A draw nut is tightened, which expands the mandrel blocks up a ramp and against the ID surface for positive mounting, self-centered and squared to the bore. As the tool bit is fed into the material from the end, a bevel is produced which conforms to the angle predetermined by the angle ground into the bit.

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.

Features

- Straight type, low radial clearance
- 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

Tool Bits

- Standard tool: V type beveling
- U type beveling
- Facing

* Consult with us for special demand
* Contact us for tooling chart

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>IDP-252</th>
<th>IDE-252</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driven</td>
<td>Pneumatic</td>
<td>Electric</td>
</tr>
<tr>
<td>Power Supply</td>
<td>1200L/Min@0.6Mpa</td>
<td>220-240V 1PH 50/60HZ</td>
</tr>
<tr>
<td>Motor Power</td>
<td>1.5HP</td>
<td>1200W</td>
</tr>
<tr>
<td>Clamping Range(ID)</td>
<td>80-240mm</td>
<td>80-240mm</td>
</tr>
<tr>
<td>Working Range (OD)</td>
<td>10”(273.05mm)</td>
<td>10”(273.05mm)</td>
</tr>
<tr>
<td>Wall Thickness</td>
<td>≤20mm</td>
<td>≤20mm</td>
</tr>
<tr>
<td>Rotation Speed</td>
<td>44r/Min</td>
<td>25r/min</td>
</tr>
<tr>
<td>Working Weight</td>
<td>37kgs</td>
<td>40kgs</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>48kgs</td>
<td>51kgs</td>
</tr>
<tr>
<td>Packing Size</td>
<td>720x375x315mm</td>
<td>720x375x315mm</td>
</tr>
</tbody>
</table>

Typical Butt welding:

- 37.5 deg. V T type beveling with 1.6mm root
- 30 deg. V type beveling

Standard Supply:

Machine, 1 cutting tool bit, 1 30 degree beveling tool bit, 1 37.5 degree beveling tool bit, air motor, manual, expanding block, wrench, Guarantee card