

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.

80

You Tube



IDB-80



IDP-80

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

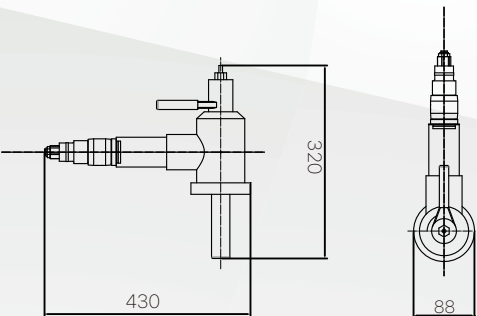
IDE-80



Electric drive is interchangeable 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

Model	IDP-80	IDE-80	IDB-80
Driven	Pneumatic	Electric	Electric, Bosch motor
Power Supply	900L/Min@0.6Mpa	220-240V 1PH 50/60HZ	220-240V 1PH 50/60HZ
Motor Power	1 HP	1000W	1000W
Clamping Range (ID)	28-76mm	28-76mm	28-76mm
Working Range (OD)	3" (88.9mm)	3" (88.9mm)	3" (88.9mm)
Wall Thickness	≤ 15mm	≤ 15mm	≤ 15mm
Rotation Speed	46 r/min	48 r/min	48 r/min
Working Weight	8.15kgs	8.5 kgs	8.5 kgs
Shipping Weight	15kgs	16kgs	16kgs
Packing Size	590x410x170mm	590x410x170mm	590x410x170mm



Optional Plastic Box

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



IDP-120



IDE-120

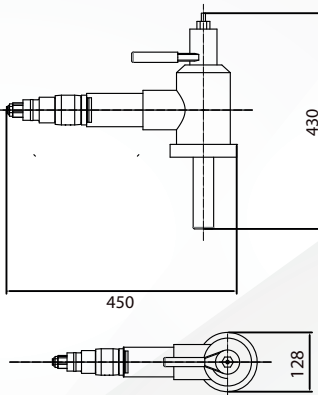


IDB-120



Specification

Model	IDP-120	IDE-120	IDB-120
Driven	Pneumatic	Electric	Electric, Bosch motor
Power Supply	900L/Min@0.6Mpa	220-240V 1PH 50/60HZ	220-240V 1PH 50/60HZ
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	68r/Min	37r/Min	38 r/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

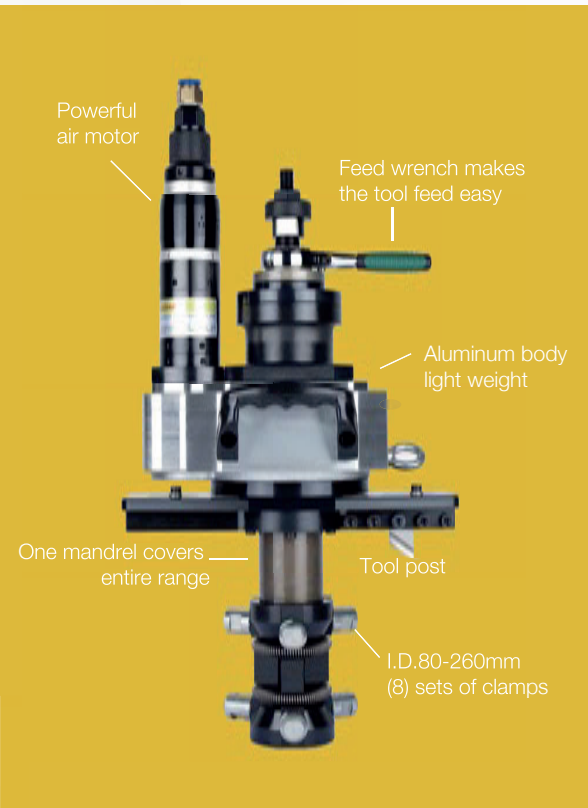
IDP-252 is a wide working range machine cover 3" -10" OD pipe, makes it as a popular machine on the market. End prepping carbon steel, stainless steel, P-91 and other hard material.

IDP-252



Specification

Model	IDP-252	IDE-252
Driven	Pneumatic	Electric
Power Supply	1200L/Min@0.6Mpa	220-240V 1PH 50/60HZ
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	44r/Min	25r/min
Working Weight	37kgs	40kgs
Shipping Weight	48kgs	51kgs
Packing Size	720x375x315mm	720x375x315mm

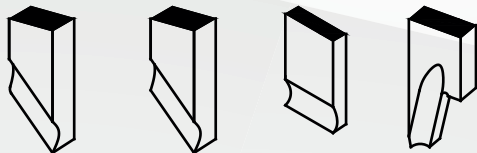


Tool Bits

Standard tool:
V type beveling
U type beveling
Facing

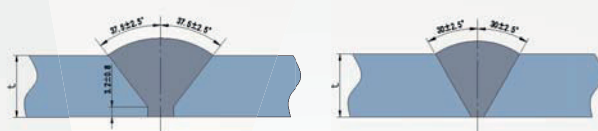
* Contact us for tooling chart

* Consult with us for special demand



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

Typical Buttwelding



37.5 deg. V T 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



IDE-252



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

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

Specification

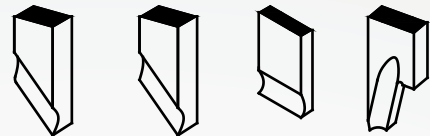
Model	IDE-426	IDE-630
Driven	Electric	Electric
Power Supply	220-240V 1PH 50/60HZ	220-240V 1PH 50/60HZ
Motor Power	1600W	1600W
Clamping(ID)	250-410mm	300-600mm
Max Working Range(OD)	16" (406.4mm)	24" (609.6mm)
Wall thickness	≤20mm	≤20mm
Rotation Speed	11r/Min	9r/Min
Working Weight	83kgs	107kgs
Shipping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

630



Tool Bits

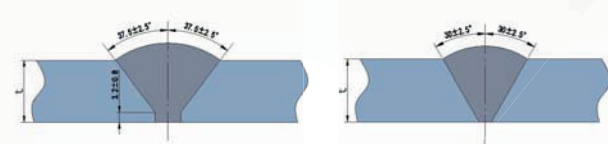
Standard tool:
V type beveling
U type beveling
Facing



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

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

Typical Buttwelding



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

Standard Supply:

Machine with its driven motor Hand tools, Manual
Full set expanding blocks 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 tools			
Description	Part Number	Application	Sketch
M42 Beveling Tool 6X22mm, Step type	42B-0622S-30°	V1 a is beveling angle required	
	42B-0622S-37.5°		
	42B-0622S-a		
M42 Beveling Tool 8X22mm, Step type	42B-0822S-30°	V3, V6, V8 80, 120, 252 a is beveling angle required	
	42B-0822S-37.5°		
	42B-0822S-a		
M42 Beveling Tool 8X22mm	42B-0822-30°	V3, V6, V8 80, 120, 252 a is beveling angle required	
	42B-0822-37.5°		
	42B-0822-a		
M42 Beveling Tool 10X25mm	42B-1025-30°	V14 a is beveling angle required	
	42B-1025-37.5°		
	42B-1025-a		
M42 Beveling tool 20x20mm	42B-2020-a	426, 630 a is beveling angle required	
Inner Beveling tools			
Description	Part Number	Application	Sketch
M42 Inner Beveling tool 8X22mm, Step type	42IB-0822S-12°	V3, V6, V8 80, 120, 252 a is beveling angle required	
	42IB-0822S-15°		
	42IB-0822S-a		
M42 Inner Beveling tool 8X22mm	42IB-0822-12°	V3, V6, V8 80, 120, 252 a is beveling angle required	
	42IB-0822-15°		
	42IB-0822-a		
M42 Inner Beveling tool 10X25mm	42IB-1025-12°	V14 a is beveling angle required	
	42IB-1025-15°		
	42IB-1025-a		
M42 Inner Beveling tool 20x20mm	42IB-2020-a	426, 630 a is beveling angle required	

* Consult with us for special application