

Pipe Beveling Machines

Cobra 600

Technical documentation

The Cobra 600 Machine is designed to prepare tube ends from 63mm ID. and up to 275mm OD. or 2 1/2" ID. and up to 10 3/4" OD..

A variety of preparations can be made with this machine, ranging from various bevelled cuts to internal cutting and facing prep's. Depending upon the cutter head fitted, the machine can also be set to bevel and face a landing edge simultaneously.

The machine anchors and self aligns itself using an internal bore locking system, which holds the machine securely, and takes the weight of the machine away from the operator. The machine also features a system which eliminates the twisting action or "backlash" normally experienced when cutting, a system which also allows the operator to position and lock the machine in a convenient position.

The Cobra 600 is available with a choice of motor options. The Electric options are 110 Volt or 240 Volt Motors. The Pneumatic option is a 0.85 hp Motor.

The Cobra 600 Machine is supplied complete and ready to go, with tools, instruction and maintenance manual in a box fitted out for the machine. The Cobra 600 Machine can be supplied as a complete kit to machine it's full range, or we can supply the machines to cover a specified range.

Integrated Solutions to Piping Problems | www.patriot-int.com

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Pipe Beveling Machines

Cobra 600

Technical documentation

Specification	Metric	Imperial
Minimum I.D.	63 mm	2, 1/2"
Maximum O.D.		
Electric	225 mm	8 3/4"
Pneumatic	275 mm	10. 3/4"
Power		
Electric	1150 watts	1.53 hp
Pneumatic	825 watts	1.1 hp
Dimensions		
Electric	405 mm x 560 mm	16" x 22"
Pneumatic	19 kg	42 lbs
Weight		
Electric	16 kg	35 lbs
Pneumatic	19 kg	42 lbs
Air consumption	1180 l/min	42 cfm
Air Pressure	6 bar	90psi

Features:

- 2.1/2" (63 mm)ID – 10.3/4 " (275 mm) OD.
- Easy to set up
- 0.7 HP Pneumatic motor options
- Can bevel and face in one operation
- Quick locking clamping mandrel



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Pipe Beveling Machines

Hornet

Technical documentation

The Hornet Machine is designed to prepare tube ends from 12mm ID. and up to 85mm OD. or 1/2" ID. and up to 3.3" OD

The Hornet is designed to be very compact, able to work between tube spacing of 68mm or 2.7", being used very effectively for Boiler Membrane tubes, and Seal Weld removal, and J- Preparation on heat exchangers and condensers.

A variety of preparations can be made with this machine, ranging from various beveled cuts to internal cutting and facing prep's. Depending upon the cutter head fitted, the machine can also be set to bevel and face a landing edge simultaneously.

The machine anchors and self aligns itself using an internal bore locking system, which holds the machine securely, and takes the weight of the machine away from the operator. The machine also features a system which eliminates the twisting action or "backlash" normally experienced when cutting, a system which also allows the operator to position and lock the machine in a convenient position.

The Hornet is available with a choice of motor options. The Pneumatic option is a 0.7 hp Motor. The Electric options are 110 Volt or 240 Volt Motors The Hornet Machine is supplied complete and ready to go, with tools, instruction and maintenance manual in a box fitted out for the machine.



Specification	Metric	Imperial
Minimum I.D.	12 mm	1/2"
Maximum O.D.	85 mm	3/3"
Power		
Pneumatic	600 watts	0.7 hp
Dimensions	360 mm x 400 mm	14 1/2" lbs
Weight	6,5 kg	
Air consumption	936 l/min	34 cfm
Air Pressure	6 bar	90 psi

Features:

- 1/2" (12mm) ID - 3.3" (85mm) OD.
- Easy to set up
- 110/240V Electric motor or 0.7 HP Pneumatic motor options
- Can bevel and face in one operation
- Quick locking clamping mandrel

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Pipe Beveling Machines Super Hornet Technical documentation

The Super Hornet Machine is designed to prepare tube ends from 12mm ID. and up to 102mm OD. or 1/2" ID. and up to 4" OD.

The Super Hornet is designed to be compact, being used very effectively for Seal Weld removal, and J- Preparation on heat exchangers and condensers.

A variety of preparations can be made with this machine, ranging from various beveled cuts to internal cutting and facing prep's. Depending upon the cutter head fitted, the machine can also be set to bevel and face a landing edge simultaneously.

The machine anchors and self aligns itself using an internal bore locking system, which holds the machine securely, and takes the weight of the machine away from the operator. The machine also features a system which eliminates the twisting action or "backlash" normally experienced when cutting, a system which also allows the operator to position and lock the machine in a convenient position. The Hornet is available with a choice of motor options. The Electric options are 110 Volt or 240 Volt Motors. The Pneumatic option is a 1.5 hp Motor.

The Super Hornet Machine is supplied complete and ready to go, with tools, instruction and maintenance manual in a box fitted out for the machine. The Super Hornet Machine can be supplied as a complete kit to machine it's full range, or we can supply the machines to cover a specified range

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Specification	Metric	Imperial
Minimum I.D.	12 mm	1/2"
Maximum O.D.	102 mm	4"
Power		
Pneumatic	1125 watts	1.50 hp
Electric	750	1 hp
Dimensions		
Pneumatic	360 mm x 400 mm	14.1/2" x 16"
Electric	360 mm x 710 mm	14.1/2" x 28"
Weight		
Pneumatic	8 kg	22 lbs
Electric	10 kg	18 lbs
Air consumption	1350 l/min	50 cfm
Air Pressure	6 bar	90 psi

Features:

- 1/2" (12mm) ID - 4" (102mm) OD
- Easy to set up
- 110/240V Electric motor or 1.50 HP Pneumatic motor options
- Can bevel and face in one operation
- Quick locking clamping mandrel



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