



LIGHTNING

TUBE & PIPE BEVELLING MACHINE

- **CUTTING RANGE:**
12.5mm ID – 115.0mm OD



The Lightning machine is a lightweight, High Power tube-prepping machine, designed to bevel, face and counterbore most types of tube and pipe work.

Drawing on our vast experience in the production of tube beveling equipment this machine offers several improvements over our previous equivalent machine (the Super Hornet)

A completely new pneumatic motor provides equivalent power and torque in a smaller, lighter package. A further benefit of this motor is a reduction in operational noise levels. The new motor, coupled with the revised throttle also allows the operator greater control over the machine's cutting speed.

The machine is offered with a hand wheel feed mechanism as standard. This provides the operator with greater 'feel'. When paired with the improved speed control this allows the skilled operator to 'balance' his cut to obtain the best possible finish in the minimum time.

The Cutter head design utilises modern work-holding technology to reduce the time needed to change cutters. This system also ensures optimum clamping of the cutter bit in any position within the head.

The machine utilises a torque reacted mandrel system which aligns and clamps to the internal diameter of the tube. As standard the machine is supplied with the mandrel system to cover 25mm to 115mm tube. Additional shafts are available to cover 12 to 19mm and 19 to 25mm.

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SPECIFICATION

TUBE CUTTING RANGE

RANGE: 12.5mm UP TO 115mm OD
1/2" UP TO 4 1/2" OD

STANDARD SHAFT:

METRIC: 25mm UP TO 103mm ID.
INCH: 1" UP TO 4" ID.

OPTIONAL SHAFT 1:

METRIC: 12mm UP TO 19mm ID.
INCH: 1/2" UP TO 3/4" ID.

OPTIONAL SHAFT 2:

METRIC: 19mm UP TO 25mm ID.
INCH: 3/4" UP TO 1" ID.

DIMENSIONS

LENGTH: 390mm 15 1/4"

DEPTH: 500mm 19 3/4"

WEIGHT: 8.5 Kg 19 lbs

CUTTER FEED: 40mm 1 1/2"

MOTOR

POWER: 800 W 1.1 hp

TORQUE: 112 Nm 83 lb ft

AIR FLOW: 1400 l/min 50 cfm

AIR PRESSURE: 6 bar 90 psi

HOSE SIZE: 12 mm 1/2"



MACHINE DETAIL



CASE & TOOL KIT

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