

WACHS TRAV-L CUTTER

PIPE CUTTING TOOLS & EQUIPMENT

The Wachs Trav-L Cutter is a portable milling machine capable of cold cutting and bevelling simultaneously on all machinable pipe materials, pipe schedules and pipe sizes from 6" up to 72" outside diameter.



KEY BENEFITS

- Simultaneous cutting and bevelling
- Horizontal and vertical operation
- Preferred cold cutting method
- Compact, portable design
- Pneumatic or Hydraulic drive
- Easy to setup and operate
- Fast and accurate cuts
- Accommodates 6"- 72" OD (DN150-1800)
- Optional sizes above 72"

MACHINE CAPACITY

6" through 72" (153 to 1829mm) pipe, large diameter vessels.

CUTTER DRIVE

Pneumatic: 4HP governed air motor coupled with worm gearbox.

Hydraulic: As above, with hydraulic motor.

CUTTER SPEED

Pneumatic: Adjustable from 35-55 RPM for use on work-hardened alloys.

Hydraulic: Adjustable from 0-60 RPM.

FEED

Pneumatic: 3/4HP air motor coupled through overload clutch, gearbox and chain reduction to final machine drive sprocket.

Hydraulic: 4HP hydraulic motor.

FEED METHOD

- Positive, nonslip chain drive

AIR REQUIREMENTS

100 CFM @ 90 PSI (.05 m³ /s @ 6.21 bar)

HYDRAULIC REQUIREMENTS

13-15 GPM @ 1500 PSI (49.2-56.78 lpm @ 103.42 bar) not to exceed 2000 PSI (137.9 bar)

WORK SPEED

3" of surface feed per minute, max. (Provides cutting the of 1 min per inch of pipe diameter). (10" pipe = 10 min.) Over 1/2" wall as well as most alloys require reduced feed rate.

CLEARANCE

10"-12" radial, 20" axial.

CONTROLS

Pneumatic (E) or Hydraulic (HE) Models

- Cutter on-off, feed on-off, with interlock to prevent machine feed unless cutter is turning
- Adjustable feed control. (Model HE Only)
- Flow control valves
- Separate controls provide adjustable spindle speed and cutter speed
- Forward/Reverse valve governs machine travel direction

WEIGHT & FINISH

- Operating: 215 LBS
- Shipping: 418 LBS
- Powder coated enamel

DIMENSIONS

24" (610 mm) x 20" (510 mm) x 10.75" (280 mm)

