

8.000" I.D. to 30.000" O.D. (203.2 to 762.0 mm)

Reliable Performance

The MFT-HD is a powerful, reliable I.D. mount end machining tool that will save you time and money for pipes from 8.000" (203.2 mm) I.D. to 30.000" (762.0 mm) O.D. The MFT-HD is compact and solidly built to withstand the abuse of production machining day after day, week after week.

Exclusive H&S gearing combines with variable speed control to produce the optimum speed for smooth, accurate cutting of different pipe sizes, wall thicknesses and materials.

A powerful 3.5 H.P. (2.6 kW) pneumatic motor is standard. Hydraulic power is an available option.

VERSATILE

A full complement of standard and custom tooling is available to perform a wide variety of machining operations.

The machine can be ordered with a 24.000" [609.6 mm] tool plate or a 30.000" (762.0 mm) tool plate. The package includes lifting equipment for both horizontal and vertical installation in the pipe.

- 8.000" I.D. (203.2 mm) To 30.000" O.D. (762.0 mm)
- Reliable Pneumatic Power
- Hydraulic Power, Optional
- Torque-Free Operation
- Rental or Purchase



Specifications*

| Working Range | .8.000" (203.2 mm) I.D. to 30.000" (762.0 mm) O.D. |
|----------------------------|--|
| Pneumatic Motor | |
| Recommended Air Press | sure 90 PSI (6.1 Bar) |
| Recommended Volume . | 95 CFM (2.8 m³/min.) |
| Speed | 0 - 3.5 RPM |
| Hydraulic Motor | 10.72 H.P. (8.0 kW) |
| | 10.56 GPM @ 1740 PSI (40 lpm @ 138 Bar) |
| Speed | 0 - 12 RPM |
| Travel | 4.500" (114.3 mm) |
| Radial Tool Clearance | |
| 24" Tool Plate | 24.000" (609.6 mm) |
| 30" Tool Plate | 30.000" (762.0 mm) |
| Weight (Total) | 275.0 lbs. (124.7 kg) |
| Power Unit | 200.0 lbs. (90.7 kg) |
| Center Shaft | 75.0 lbs. (34.0 kg) |
| Length | |
| * Specifications are subje | act to change without notice |

^{*} Specifications are subject to change without notice.

Internal locking



Locking Pad Extension Plates

I.D. Range

| Wedge Sets | Inches | ММ | Wedge Guide |
|---|--|---|--|
| 8.000" 10.000" 12.000" 14.000" 16.000" 20.000" 22.000" 24.000" 26.000" 28.000" | 12.000 - 14.000 14.000 - 16.000 16.000 - 18.000 18.000 - 20.000 20.000 - 22.000 22.000 - 24.000 24.000 - 26.000 26.000 - 28.000 | 203.2 - 254.0 254.0 - 304.8 304.8 - 355.6 355.6 - 406.4 406.4 - 457.2 457.2 - 508.0 508.0 - 558.8 558.8 - 609.6 609.6 - 660.4 660.4 - 711.2 711.2 - 762.0 | 7.500" 7.500" 7.500" 7.500" 15.000" 15.000" 15.000" 24.000" 24.000" 24.000" |

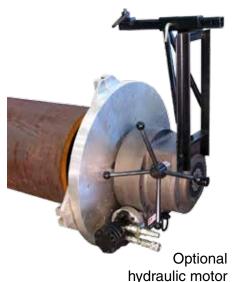


Accurate, Safe and Productive

The H&S internal locking pad system produces torque-free operation, enhancing operator safety and productivity. The clamp also automatically centers the tool in the pipe for accurate machining.

The locking system has three base plates to cover the full range of the machine. Aluminum extension plates have steel caps for maximum grip and durability.





Distributed by:









8.000" (203.2 mm) I.D. to 30.000" (762.0 mm) O.D. HD-F

Tooling

shown.

The tooling illustrated covers the standard range of 8.000" (203.2 mm) I.D. to 30.000" (762.0 mm) O.D.

The indexable tool holder is designed to accept a variety of tooling, enabling you to perform multiple operations simultaneously.

Tooling is made from high quality tool steel, carbide and titanium nitride coated materials. Tooling can also be custom manufactured for your special machining requirements. Contact the factory to discuss your special tooling needs.

