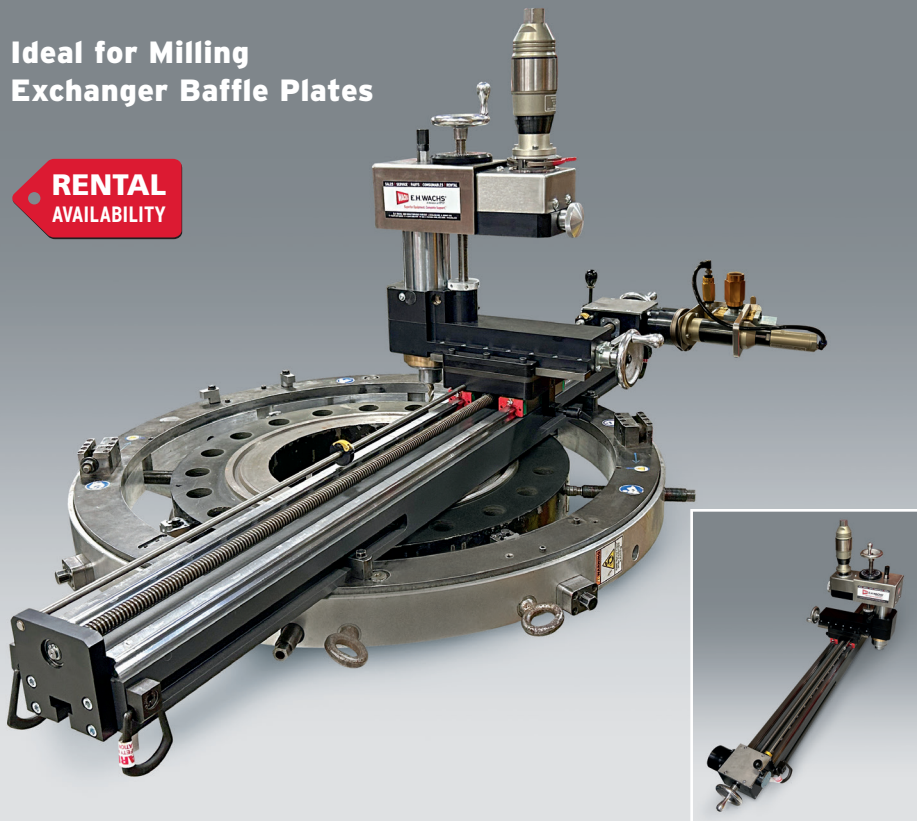




**Ideal for Milling
Exchanger Baffle Plates**

**RENTAL
AVAILABILITY**



PRODUCT HIGHLIGHTS

- ◆ True 48in (122cm), 72in (183cm), 96in (244cm) linear milling capability
- ◆ Mounts to installed MDSF for baffle plate milling, saving additional setup time
- ◆ MDSF/Exchanger Mill rotates 360 degrees to mill multiple baffle angles

Wachs Exchanger Mill is a precision rail mill designed for specialized machining of exchanger baffle plates, pass partitions, and pass grooves on heat exchangers, plus general purpose 3 axis milling. Available with true center to center milling in 4 foot (48 in - 122 cm), 6 foot (72 in - 183 cm) and 8 foot (96 in - 244 cm) models, it's designed to interface with Wachs DynaPrep Modular Design Split Frame family. This makes it ideal for surface milling of baffle plates and partitions during exchanger refurbishing.

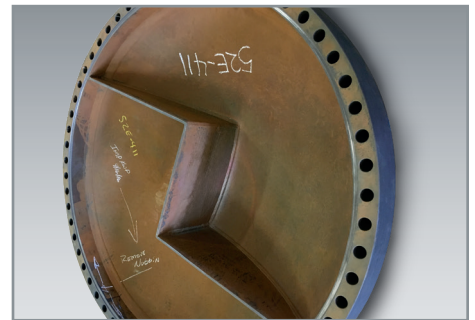
Unlike ordinary mills, it can mount to a MSDF split frame already setup for flange facing. With the MDSF already dialed in to the exact milling plane, this saves hours

of setup time over a general purpose mill. The MDSF split frame serves as a rotating platform for the exchanger mill, allowing precise positioning of the mill for multiple plate angles. This eliminates the need for indicating and dialing in each surface plane and plate angle – no other mill on the market does anything like it.

When used for general purpose 3 axis linear milling without the MDSF, it offers flexible clamping, including side channels and full length slotted channels on the rail bottom. Wachs Exchanger Mill is available for purchase or rental in your choice of pneumatic or electric drive.



True Full Length Center to Center Linear Milling Capability



Exchanger Mill Mounted to MDSF Accommodates Multiple Plate Angles



Optional Pinion Handwheel Allows for Precise MDSF Rotation



Exchanger Milling Head y-Axis Control (Right) and z-Axis Control (Top)



STANDARD FEATURES

- Three Exchanger Mill models available: 4 foot, 6 foot and 8 foot
- Mounts to MDSF for specialized milling, or ordinary clamping for general milling
- Bottom full length mounting channel for unmatched versatility
- Side slots attach the rail to the Wachs MSDF split frame or alternate fixtures
- Industry standard R8 spindle uses commercially available tooling
- Industry standard .75" spindle collet included
- Pneumatic and electric drive options
- Power requirements
pneumatic 90 cfm @ 90 psi,
electric 110V 50/60Hz 20A
- Wooden shipping and storage case included with all models

OPTIONS

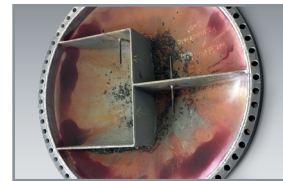
- MDSF pinion handwheel for manual rotation when milling multiple plate angles
- Factory modification of MSDF split frame when used as an Exchanger Mill platform may be required. Contact your local Wachs representative for details

OPERATION

- Reversible cutting feed drive mechanism x-axis with speed and travel direction control
- Precision manual y-axis offset from rail adjustment
- Spindle speed control, manual cutting depth z-axis adjustment
- Optional handwheel pinion for manual MDSF rotation

CONTROLS

- Feed x-axis handwheel for rapid positioning along rail
- Feed x-axis gearbox, with rail travel direction control
- User positional x-axis travel stops to prevent machine damage
- Tool positioning handwheel y-axis ninety degrees to rail travel
- Spindle plunge handwheel z-axis with easy to read indicator dial
- Feed drive speed control and shutoff lever
- Spindle drive speed control and shutoff lever



Exchanger Mill on MDSF is Ideal for Complex Baffle Plate Configurations

Model	48	72	96
X Travel (in)	48	72	96
Y Travel (in)	6.0	6.0	6.0
Z Travel (in)	3.75	3.75	3.75
A Dimension (in)	67.1	91.1	115.1
B Dimension (in)	23.8	23.8	24.5
C Dimension (in)	20.6	20.6	20.6
Weight	200 LB	250 LB	300 LB

