



**TRACER** **MTA**  
INTERNATIONAL

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## **TRACER 6 FOOT**

**Hydrodynamic Bar Feeder  
for and Swiss Head Stocks**



Click Pictures to see a Bigger Version

▶ **Innovative design** ▶ **Feature packed** ▶ **ECONOMICALLY PRICED**

▶ **Swiss type For 12/16/20/26 mm Machines**

▶ **Space saving design** (approx. 8'10" in overall length x 17" width).

▶ **Accepts 6' barstock** (round/hex/square)(random & shorter lengths also)

[Example - capacity would equal 12 – 6 foot lengths 1" material (72 linear feet)]

**Hydrodynamic guide channel** (see photo below), *patented* new channel design buffers sound, metallic components for maximum wear resistance, absorbs vibration & noise,

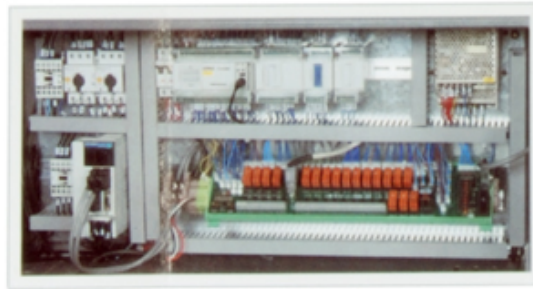
- ▶ allowing for smooth and stable high speed turning operations throughout the range.
  
- ▶ **Synchronization device** is electro-mechanical, directly connected, which allows for fast forward and back movement of headstock without feeding pressure and minimum bar distortion. (threading or pecking operations)
- ▶ **Dual Anti-vibration devices**, #1 attached to barfeed and #2 is attached to sliding headstock, both are pneumatically operated 'roller wheel' type independently controlled, and work in conjunction with telescoping nose between barfeed & sliding headstock to minimize bar 'whip' which ensures machined component accuracy.
- ▶ **Mitsubishi** electrical controls and components (see photo below) including a powerful PLC with data bank software that permits accurate control for position, speed and torque. Multi-language control system.
- ▶ **LED LIGHTS** along the front (+ back) outside length of sheet metal coverings, display operation status, remaining bar length and bar loading/operational functions. (see photo below)
- ▶ **Self adjusting pneumatic gripper** means there is no need to adjust for bar size when clamping.
- ▶ **Quick Change collets.**
- ▶ 200/220V – 3 - 50/60 operation
- ▶ Air Pressure 70-85 psi

### **Standard items included**

- **Guide Channel set to match machine (see 12' Tracer Spec for appropriate information or contact MTA International representative)**
- **Telescoping nose with mounting bracket (1)**
- **Automatic remnant retract**
- **(1) pusher collet (choice of size/required @ time of order)**

**[30 liters (7.5 gal) Hydraulic oil is required for operation – Type ISO CB 100 –]**

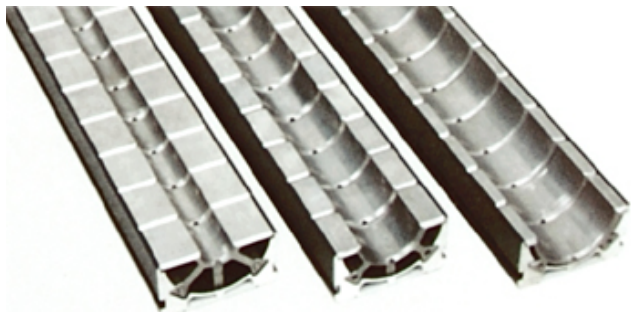
**(Equivalents would include Mobile Vactra oil Extra Heavy/Esso Nuto 100/Shell Tellus 100/Castrol Magna 100)**



**Mitsubishi electrical controls and components including powerful PLC with data bank software**



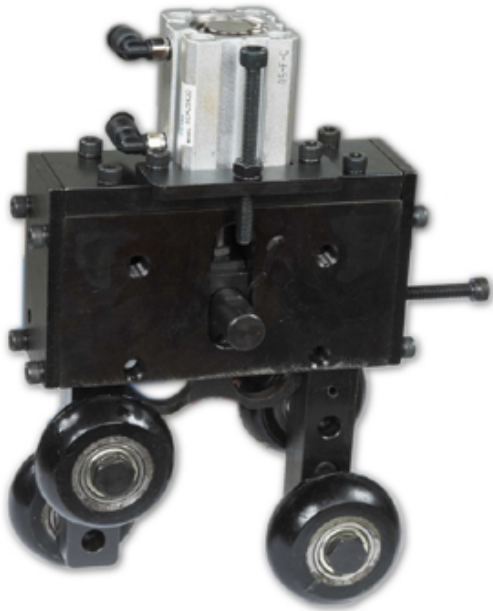
**Dual LED Display -- along the front (+ back) outside length of sheet metal coverings, display operation status, remaining bar length and bar loading/operational functions.**



**All new guide channels designed for maximum wear resistance. Superior sound buffering. (patented)**



**Ergonomic controls greatly increases operational convenience**



**Anti-Vibration device. This would be attached to a sliding Headstock**



**Connected SteadyRest -Anti-Vibration device**

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