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**ISO9001** 

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Pipe Cold Cutting & Beveling Machine Portable Pipe Beveling Machine









## Heat Exchanger Tube Facing Machine

2021 NEW Product

TF Series tube fast facing machine is idea for tubes of heat exchanger, performs facing the ends of tubing and tube sheet bores in preparation for welding and finish squaring.

Engineered for safety and ease of use, equips an air locking system with special cylinder. Compact designed tool holder can install 2 inserts.

For most material including: Ferrous, non-ferrous, stainless steel, exotic alloys steel, duplex, inconel and titanium alloy steel.

Most apply to facing the different lengths tube of the tubesheet, air clamping, level type feed structure, can greatly imporve the work efficiency.



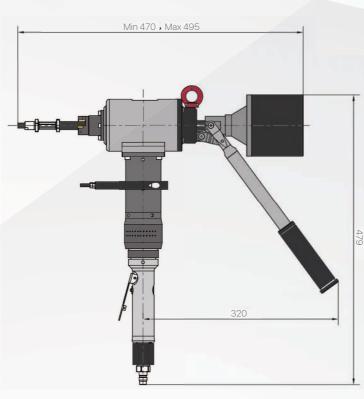




### **Specification**

| Model               | TF16                 |
|---------------------|----------------------|
| Working Range       | ID12mm - OD16mm      |
| Clamping Range      | ID12-14mm            |
| Wall thickness      | <3.5mm               |
| Driven              | Pneumatic            |
| Power               | 1.47HP               |
| Power Supply        | 900-1000L/Min@0.6Mpa |
| Feed stroke         | 25mm                 |
| Feed type           | Lever-type           |
| Rotation Speed      | 220rpm               |
| Working weight      | 9 kgs                |
| Shipping weight     | 30 kgs               |
| Shipping Dimensions | 680x650x275mm        |

#### **Dimension Figure**



#### **Features**

| Aluminium 7075 body, light weight and rigidity              |
|---|
|   |
| Self-centering air clamping automatically                   |
| Lever type feed structure, easy and fast feed/back the tool |
|   |
| 10 sizes collet and 4 tool head, cover wider range          |
| Carbide inserts apply for most material                     |
| Carbide inserts apply for most matchar                      |
| Adjustable length control device                            |
|   |
| Durable transport/storage case                              |

Optional Lifting balancer make the higher efficiency

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| Model               | TF40                 |
|---------------------|----------------------|
| Working Range       | ID14mm - OD40mm      |
| Clamping Range      | ID14-34mm            |
| Wall thickness      | <2.5mm               |
| Driven              | Pneumatic            |
| Power               | 1.47HP               |
| Power Supply        | 900-1000L/Min@0.6Mpa |
| Feed stroke         | 25mm                 |
| Feed type           | Lever-type           |
| Rotation Speed      | 220rpm               |
| Working weight      | 9 kgs                |
| Shipping weight     | 30 kgs               |
| Shipping Dimensions | 680x650x275mm        |



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| TF16 Toolholder and Collet Specification |                 |             |  |
|--|-----------------|-------------|--|
| Toolholder Part No.                      | Tube ID Range   | Application |  |
| TH1124                                   | Dia.11.5-24.1mm | TF16        |  |
| Collets Part No.                         | Collet OD       | Tube ID     |  |
| MC01                                     | 11.2mm          | 12mm        |  |
| MC02                                     | 12.2mm          | 13mm        |  |
| MC03                                     | 13.2mm          | 14mm        |  |

| TF40 Toolholder and Collet Specification |                  |             |
|--|------------------|-------------|
| Toolholder Part No.                      | Tube ID Range    | Application |
| TH1326                                   | Dia. 13.7-26.3mm | TF40        |
| TH1528                                   | Dia.15.7-28.3mm  | TF40        |
| TH2134                                   | Dia. 21.7-34.3mm | TF40        |
| TH2740                                   | Dia. 27.7-40.3mm | TF40        |
| Collets Part No.                         | Collet OD        | Tube ID     |
| C01                                      | 13.5mm           | 14mm        |
| C02                                      | 14.5mm           | 15mm        |
| C03                                      | 16.5mm           | 17mm        |
| C04                                      | 18.2mm           | 19mm        |
| C05                                      | 19.2mm           | 20mm        |
| C06                                      | 20.2mm           | 21mm        |
| C07                                      | 25.2mm           | 26mm        |
| C08                                      | 27.2mm           | 28mm        |
| C09                                      | 31.2mm           | 32mm        |
| C10                                      | 33.2mm           | 34mm        |



#### **Standard Supply**

| TF16                       | TF40                       |
|----------------------------|----------------------------|
| Main Body-c/w Motor        | Main Body-c/w Motor        |
| Toolholder - 1 size        | Toolholder - 4 sizes       |
| Spring Collets - 10 sizes  | Spring Collets - 10 sizes  |
| Cutting tips - 10 pcs      | Cutting tips - 10 pcs      |
| T8 Torx screwdriver - 1    | T8 Torx screwdriver - 1    |
| Metric L-Key 3/4/5mm       | Metric L-Key 3/4/5mm       |
| Wrench - 1                 | Wrench - 1                 |
| FLR unit                   | FLR unit                   |
| Air Hose connection        | Air Hose connection        |
| Air motor lubricating oil  | Air motor lubricating oil  |
| Manual                     | Manual                     |
| Optional- Lifting balancer | Optional- Lifting balancer |
| Stroage / Shipping case    | Stroage / Shipping case    |





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# **Other Products**

#### **Flange Facing Machine**





FE305 Flange Facing Machine

FI1000 Flange Facing Machine

**Flange Tool** 

FI355M Flange Facer



FI700 Flange Facing Machine





**Plate Beveling Machine** 



#### **Plate Edge Milling Machine**





#### Slag Remove Machine

GDM-265D



#### **CNC Plate Edge Milling Machine**



Hydraulic Flange Spreaders

Hydraulic Nut Splitters OX312-series (Single blade)



**Collet Style Flange Spreaders** 

Hand Pump

Hydraulic Fixed Flange Alignment Tool



**Light Weight Hand Pump** 







FI1500 Flange Facing Machine



FI2000 Flange Facing Machine













GDM-3120D



GMM-VS/XS