



other air tools



Air tools for cutting

- **TF**
for fibreglass
- **TL**
for sheet metal
- **TS**
for leather and cloth



Air cutters

Cutters for fibreglass

With their special diamond head, these are used mostly for cutting fibreglass in the construction of boats, tanks and industrial vehicles.

They are provided with a protection device for the suction of dust during the cut. By means of a 25 mm internal diameter tube, the protection guard is connected to an aspirator with a capacity of 150 m³/h and total head of 1000 mm/H₂O.

The cutters have a safety lever to prevent accidental starting.

Cutters for metal sheet

These are used in cutting iron, steel and aluminium sheeting, and metal structural work generally, in the construction of caravans, railway carriages, etc...

The cut is clean, without shavings or deformations, and does not require further finishing. The minimum radius of the curve is 300 mm.

The cutters have a safety lever to prevent accidental starting.

Cutters for leather and cloth

Specially designed for the trimming and cutting of leather or cloth in the tanning, clothing and furnishing industries, they easily follow any tracing.

The new accessory, available on

request, offers precise and easy trimming in hard to get at areas such as armchairs that have already been upholstered. All the cutters feature have a safety lever to prevent accidental starting.



TYPE OF TOOL		POWER	CUTTING CAPACITY	IDLE SPEED	STARTING SYSTEM	WEIGHT	DIMENSIONS mm	COMPRESSED AIR CONSUMPTION	NOISE LEVEL	VIBRATIONS LEVEL
Model	Code	Watt	mm	r.p.m.	Type	kg	Ø x l	l/s	dBA	m/sec. ²
CUTTERS FOR FIBREGLOSS										
TFS 60	164631001	300	8	13000		1,05	40 x 205	7	79	< 2,5
TFY 100-2	166331102	400	15	9000		1,62	46 x 250	10	81	< 2,5
CUTTERS FOR SHEET METAL										
TLS 12	164650102	300	1,2	6500		1,07	40 x 245	9	75	< 2,5
TLY 20-2	166350103	400	1,8	3500		1,55	46 x 290	13	81	< 2,5
CUTTER FOR LEATHER AND CLOTH										
TSS 30	164630102	300	3	3000		0,80	40 x 230	9	75	< 2,5

LEVER

The models highlighted in green are usually available from stock.

- The figures shown are measured at a pressure of 6.3 bar (ISO 2787: 1984), the recommended operating pressure.
- Noise level has been measured in accordance with EN ISO 3744: 1995 and EN ISO 15744: 2000 standards.
- Vibrations level has been measured at no load conditions, in accordance with EN 28662-1: 1992 and EN ISO 8662-7: 1997 standards.
- Conversion factor: 1 watt ≅ 0.00135 HP.
- The capacity is referred to a max thickness of the material to be cut.
- The code number must be used when ordering.

The data given in the table are indicative and can be changed without prior notice. The values indicated for noise and vibration levels were obtained in the laboratory, performing tests that comply with the standards stated, but alone are not sufficient for calculating risks. Values measured in the single work places may be higher than those stated. The values of actual exposure and consequent risks are specific and depend on the operator's method of work, the type of work piece and the work place, as well as the operator's time of exposure and his physical conditions. Fiam cannot be held responsible for any consequences deriving from the use of the information in the table when evaluating risks in the work place over which Fiam has no control. For all further details, please apply to the **Fiam Technical Assistance Service**.



Other technical features

Model	Air inlet	Recommended hose bore
TFS 60	1/4" gas	Ø 8 mm
TSL 12	1/4" gas	Ø 8 mm
TSS 30	1/4" gas	Ø 8 mm
TFY 100-2	1/4" gas	Ø 8 mm
TLY 20-2	1/4" gas	Ø 8 mm

Standard equipment (supplied with the tool)

- Cutters for fibreglass (TFS 60 and TFY 100-2) are supplied with diamond wheel and wrenches for wheel locking.
- Cutters for sheet metal (TSL 12 and TLY 20-2) are supplied with blade.
- Cutters for leather and cloth (TSS 30) are supplied with hexagonal blade and blade locking pin.
- Use and maintenance manual.
- Eco-friendly packaging.

Accessories available upon request

- Filter, pressure regulator, oil fog lubricator, spiral feed hose, silencers and other compressed air system accessories: see Fiam Accessories catalogue.
- Diamond wheel for TFS 60 (ø wheel 60 mm): code **670031060**.
- Diamond wheel for TFY 100-2 (ø wheel 100 mm): code **670031100**.
- Bit for TSL 12: code 675011012.
- bit for TLY 20-2: code 675011020.
- Hexagonal blade for TSS 30 (ø max 50 mm): code 673031006.
- **Cutting shoe with ball for TSS 30:** code 673501010.
Its compact size makes it perfect for quick and easy trimming even in hard to get at areas.



Cutting shoe with ball

The codes highlighted in green are usually available from stock.

Fiam

INDUSTRIAL AIR TOOLS

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Quality Certification
UNI EN ISO 9001 / ICIM 0250

Environmental Management System Certificate
UNI EN ISO 14001 / ICIM 0002A

