

New
TURBOTWISTER



**PERFECT GRINDING AND FINISHING
OF FLAT AND CURVED SURFACES**



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THE VIDEO**



New **TURBOTWISTER** FOR GRINDING OF FLAT AND CURVED SURFACES



- **Two operations in one pass: grinding and finishing**
- **Extremely fast removal**
- **Flexibility and high performance on all materials**
- **More comfort**
- **Less noise**

Available diameters:
75, 115, 125, 150, 180 mm



Available grits for finishing of different surfaces:
Coarse: 24 mesh
Medium: 36-60 mesh
Fine: 100 mesh

Turbotwister is the semi-flexible wheel suitable for grinding and finishing of **flat and curved surfaces**.

Turbotwister offers many features that make it unique in the world:

the patented spiral grooving of the grinding surface creates a very efficient air circulation that cools the metal preventing overheating.

The 3 mm deep truncated pyramid grooving gives high and constant removal rate on all materials.



Turbotwister is made with 3 different specifications:

Iron, steel and stainless steel:

this general purpose mixture is Fe,S,Cl free and is suitable for working also on stainless steel.

Aluminium and non ferrous metals:

the self-lubricated mixture is developed for avoiding clogging and offering a constant and high removal rate.

Stone and Fibreglass:

made with silicon carbide mixture, it is suitable for all the building materials such as concrete, marble, tiles, etc. and fibreglass.

The improved abrasive mixture gives the tool a **longer lifetime**.

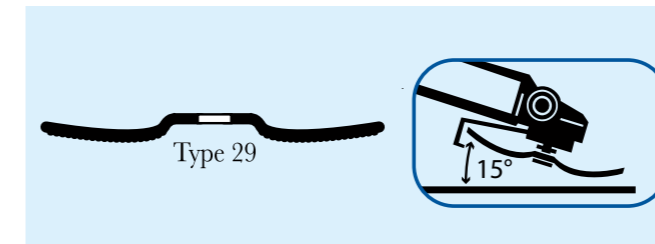
Turbotwister is the right compromise between the excessive flexibility of flap discs and the rigidity of standard grinding wheels: it is flexible enough to assure a good finishing and rigid enough to guarantee high precision during grinding operations.

Turbotwister features **3 fiberglass reinforcements** to perfectly perform flat grinding in the **maximum safety** conditions.

Turbotwister combines in a single tool the fast removal typical of a grinding wheel together with the excellent finishing of flap discs.



Turbotwister should be used at 15° angle with the working surface; this angle allows an higher contact area, the best finishing grade and more comfort.



The flexibility and larger contact area make Turbotwister the best tool suitable for many applications, such as:

- ✓ **precision grinding on weldings;**
- ✓ **adjusting and grinding on flat, convex and concave surfaces;**
- ✓ **grinding of internal weldings of big pipes or tanks;**
- ✓ **precision grinding and operations where a normal grinding wheel makes too deep scratches;**
- ✓ **finishing of castings of any shape;**
- ✓ **grinding of steel doors and windows weldings;**
- ✓ **removal of welding drops and joints without damaging the surrounding metal;**
- ✓ **fast stock removal on steel;**
- ✓ **cold cutting and finishing of Stainless Steel.**



Turbotwister can be used with standard grinding machines, but, for an optimal use, GLOBE supplies **extra thick back flanges**.

They allow to keep the Turbotwister grooved surface as close as possible to the outer limit of the safety guard; at the same time, they keep the front flange and the machine spindle completely inside the depressed centre of the wheel, avoiding interference with the worked piece. Three thicknesses of flanges are available to fit best in all the existing grinders in the market.

ASSEMBLY INSTRUCTIONS

ASSEMBLY WITH STANDARD FLANGE



ASSEMBLY WITH FLUSH MOUNTING FLANGE



WRONG ASSEMBLY



ATTENTION!
A WRONG ASSEMBLY EXPOSES THE USER TO SERIOUS RISKS

Turbotwister is available also with the patented **Easylock**, a locking flange for quick mounting, better comfort and maximum productivity. No more need of front clamping flange and pin key.





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**GLOBE**[®]
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