



**PIPELINER • Grind Power II • *New* TURBOTWISTER • TYPE 1 • POWER CUTTERS**

## YOUR ABRASIVE PARTNER FOR OIL AND GAS INDUSTRY



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## YOUR ABRASIVE PARTNER FOR OIL AND GAS INDUSTRY

For more than 40 years GLOBE is present in OIL & GAS industry with specific abrasive products for general and specialized applications. GLOBE offers a complete range of products for every kind of OIL & GAS application such as pipelines constructions, onshore and offshore installations, pipes and vessels manufacturing, maintenance and overhauling. Starting the distribution of abrasives in U.S. and Canadian oil extraction and refining plants during the late 60's, GLOBE extended its market to North Sea plants and more recently in all the Persian Gulf countries (GCC) building up a wide know-how and high specialization in dedicated solutions.

The GLOBE range includes:

### PIPELINER

**GLOBE traditional line developed for the pipes fitting, notching and welding preparation.** These wheels are specially formulated and reinforced for grinding joint welds between passes in pipeline construction and pipes fabrication. They do not contain iron, sulfur or chlorine (Fe, S, Cl) and will not contaminate stainless steel.

#### Applications:

- Intermittent light grinding, facing, beveling
- Pipeline - Notching and cleaning weld beads
- pipes fitting
- welding preparation

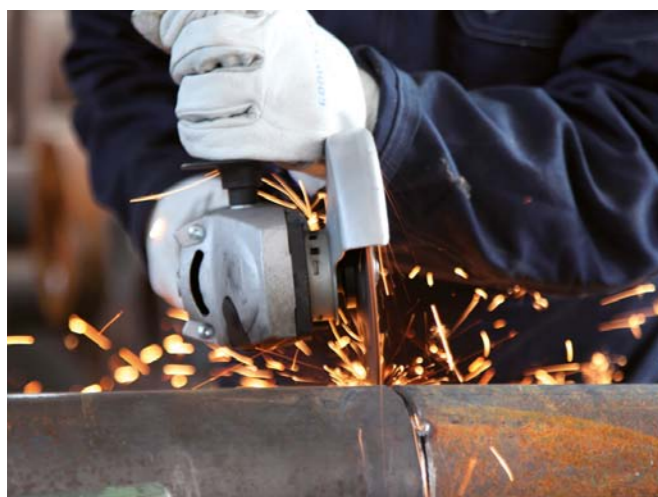
#### Advantages:

- Outstanding performance in pipeline construction
- Long life
- High safety standard (OSA certified) [www.osa-abrasives.org](http://www.osa-abrasives.org)
- Cost reduction
- No fluttering

**Materials:** Steel and stainless steel (Fe,S,Cl free)



Art. Code	Description
G1144	Type 42 115X2.5X22.2 A36 PIPE GLOBE
G1145	Type 42 125X2.5X22.2 A36 PIPE GLOBE
G1146	Type 42 150X3.5X22.2 A24 PIPE GLOBE
G1147	Type 42 178X4.2X22.2 A20 PIPE GLOBE



### Grind Power II

**Fast and heavy duty grinding.**

When the number one priority is high removal, GRINDPOWER II is the wheel of choice. Compared with some of the toughest metals in the industry, from tungsten carbide to quenched and tempered steel, GRINDPOWER II proved its extra high removal capacity. You will feel the bite of this wheel on every type of metal! If used with suitably powered machines you can reduce by 50% costs and working time!

Its patented structure offers a very high general resistance and a perfect round wear of the edge giving a more constant life to the disc, no flakes from the edge, less vibrations and more comfort. The coarse grit front layer is made of alumina zirconia; this combined to the best raw materials available on the market, make GRINDPOWER II a powerful grinding solution: extra aggressive grains for the highest removal rate. The rear layer fine grit, characterized by high compactness and resistance, gives the wheel an absolute steadiness and regular consumption.

#### Applications:

- Heavy grinding, weld removal, beveling
- Shaping

#### Advantages:

- Superior performance on steel and stainless steel (Fe-S-Cl < 0.1%)
- Tested on the world's hardest metals
- Highest Removal rate
- Exceptional performance, highest productivity
- Versatility of use
- Long life
- High safety standard (OSA certified) [www.osa-abrasives.org](http://www.osa-abrasives.org)
- Cost reduction.

**Materials:** alloys; cast iron; steel; stainless steel

Art. Code	Description
G0365	Type 42 150X7.0X22.23 ZA24SX GPII
G0366	Type 42 180X7.0X22.23 ZA24SX GPII
G0367	Type 42 230X7.0X22.23 ZA24SX GPII



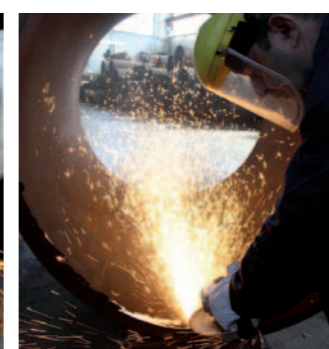
### New TURBOTWISTER

**For grinding and finishing of internal and external curved surfaces.**

Turbotwister with its innovative shape and its semi-flexible structure is suitable for grinding and finishing of flat and curved surfaces.

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

- Patented spiral grooving of the grinding surface creates a very efficient air circulation that cools the metal preventing overheating.
- The 3mm deep truncated pyramid grooving gives high and constant removal rate on all materials
- It combines in a single tool the fast removal typical of a grinding wheel together with the excellent finishing of flap discs.
- The flexible structure makes Turbotwister the ideal tool for grinding curved surfaces
- The triple fiberglass reinforcement ensures the maximum safety in every condition.



#### Applications:

- precision grinding on weldings
- adjusting and grinding on flat, convex and concave surface
- grinding of internal weldings of big pipes or tanks
- precision grinding and operations where a normal grinding wheel makes too deep scratches
- removal of welding drops and joints without damaging the surrounding metal

**Materials:** steel and stainless steel (Fe,S,Cl free), aluminium and non ferrous metals, stone and fibreglass

- ✓ available diameters: 75, 115, 125, 150, 180 mm
- ✓ available grits: 24, 36, 60, 100 mesh



### TYPE 1

**Wheels for internal grinding and cleaning of pipes.**

These wheels are specifically designed for internal grinding of pipes in OIL&GAS Industry. The ideal tool for cleaning internal surfaces of pipes, valves and joints. They are extremely balanced to prevent fluttering and to ensure maximum control during operation. Thanks to special additives, you can reach high removal rate without overheating the workpiece.

They are manufactured with specifications for use at 45 m/sec (without reinforcements) and 60/80 m/sec (reinforced)

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

#### Applications:

- Internal grinding and cleaning of pipes

#### Advances:

- Extreme removal capacity
- Long life
- Suitable for heavy-duty applications
- Cold grinding
- High safety standard (OSA certified) [www.osa-abrasives.org](http://www.osa-abrasives.org)

**Materials:** iron and steel; stainless steel (Fe,S,Cl free)



Art. Code	Description
G9010501280100	TYPE 1 50X12X8.00 A30-36QX 45 m/s
G9000005045700	TYPE 1 100X20X20 A30-36QX 60 m/s
G1815	TYPE 1 100X20 X20 A30-36QX 45 m/s
G1815 80	TYPE 1 100X20 X20 A30-36QX 80 m/s
G1825	TYPE 1 100X20 X20 A30-36Q 45 m/s
G1825 80	TYPE 1 100X20 X20 A30-36Q 80 m/s

### POWER CUTTERS

**Cutting discs for stationary machines.**

We produce a wide variety of hardness grade, diameters, thickness and bore sizes, peripheral speed in order to adapt to every kind of existing machine. We can make also customized discs for any customer need .







www.visual-ink.it

GLOBE also offers a complete range of abrasive products for any kind of industry (metal constructions, building industry, food and pharmaceutical machineries, foundry, railways constructions, furniture industry, and many others).



**GLOBE**<sup>®</sup>  
MADE IN ITALY

**INDUSTRIA ABRASIVI PARMENSE-GLOBE s.r.l.**

Via La Spezia, 160 - 43126 Parma - Italy  
Tel: +39.0521.293943 - Fax: +39.0521.293743  
e-mail: [export@globeabrasives.com](mailto:export@globeabrasives.com)  
Website: [www.globeabrasives.com](http://www.globeabrasives.com)

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