



GLOBE®

MADE IN ITALY

since
1961

New!!!

**THE SPECIALISTS OF
ABRASIVES TOOLS
IN OIL & GAS INDUSTRY**





YOUR ABRASIVE PARTNER FOR OIL & 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 OIL & GAS range includes:



TYPE 41



TYPE 42

POWER CUTTERS

Wide range of diameters (300 to 800 mm),
thickness (2,5 to 9 mm) and bore sizes
Different specifications
Perfect balancing to reduce vibrations



TYPE 42

PIPELINER

Outstanding performance
in pipeline construction
Long durability
Cost saving
Angle of use: 20°/90°



TYPE 29

NEW TURBOTWISTER

Two operations -grinding and
finishing- in a single pass
Flexibility
Fast removal
Excellent finishing

PATENTED



FLEXCELLENCE EXTRA

Ceramic grain
+30% performance
Semiflexible depressed center
fiberdisc with integrated
backing pad
Precise and reduce of working times
Quick and easy assembly
Time and energy saving
Less vibrations and less noise
Greater comfort of use
Angle of use: 10°/15°



TYPE 27

GRIND POWER III

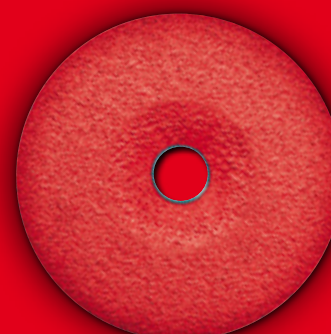
Very high removal capacity on all materials
Reduction of working times -and costs
Increased productivity and efficiency
Reduction of exposure to vibrations and noise
Maximum comfort of use
Less effort

PATENTED



FLEXCELLENCE

Semiflexible depressed center
fiberdisc with integrated
backing pad
Work precision
Reduction of working times
Quick and easy assembly
Time and energy saving
Less vibrations and less noise
Greater comfort of use
Angle of use: 10°/15°



TYPE 1

TYPE 1

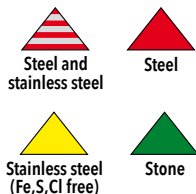
Internal grinding of pipes
Long life
Suitable for heavy-duty applications
Cold grinding

POWER CUTTERS Ø>300mm



POWER CUTTING DISCS

WORKABLE MATERIALS:



DIAMETERS (mm): 300 - 350 - 400 - 500 - 600 - 700 - 800

THICKNESS (mm): 2,5 - 3,0 - 3,2 - 4,0 - 4,5 - 5,0 - 7,0 - 8,0 - 9,0



POWERCUTTER



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



SEMI-FLEXIBLE GRINDING WHEELS



SEMIFLEXIBLE WHEELS FOR PORTABLE ANGLE GRINDERS

WORKABLE MATERIALS:

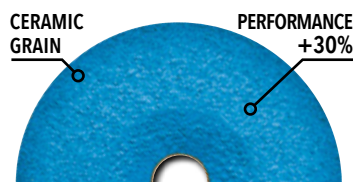


DIAMETERS (mm): 115 - 125 - 180

GRITS (Mesh): 36 - 60 - 80 - 120



FLEXCELLENCE



FLEXCELLENCE EXTRA



Assembly of FLEXCELLENCE with **PLASTIC SPACER**

Assembly of FLEXCELLENCE with special **STEEL FLANGE SET**

To get the best from FLEXCELLENCE and FLEXCELLENCE EXTRA, every package contains a thick flange (SPACER) specifically designed to position the wheel closer to the grinder safety guard profile allowing also flat grinding. For even more professional users GLOBE supplies a special STEEL FLANGE SET that fits to all the grinders existing on the market and optimize the disc positioning.



FLEXCELLENCE and FLEXCELLENCE EXTRA are the innovative semiflexible depressed center fiberdisc with built-in backing pad designed by GLOBE for a more PRECISE, FASTER and COMFORTABLE grinding of: welding seams, sharp edges, flat and curved surfaces (convex and concave) and removal of imperfections.

PRECISION: the calibrated flexibility of FLEXCELLENCE and FLEXCELLENCE EXTRA allow extremely precise works compared to standard grinding wheels and allows to work exactly where needed, without affecting the surrounding areas.

SPEED: the formulation of ceramic abrasive grains and special cooling fillers allows an extremely quick material removal without overheating and pitting of the workpiece.

EASY ASSEMBLY: thanks to the built-in support which eliminates the inconvenience of the traditional backing pad, FLEXCELLENCE and FLEXCELLENCE EXTRA are quickly installed like a standard grinding wheel or flap disc.

COMFORT: this discs are best used with an angle of 10-15° and with their special installation kit, while the special internal shock-absorbing element reduces vibrations and noise making the work less tiring.



EXCELLENT ABRASIVE CAPACITY



LOW VIBRATIONS



COSTS REDUCTION



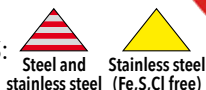
LOW NOISE

NOTCHING PREPARATION WHEELS



DEPRESSED CENTER WHEELS FOR CUTTING PIPELINES

WORKABLE MATERIALS:



DIAMETERS (mm): 115 - 125 - 150 - 180

THICKNESS (mm): 2,5 - 3,5 - 4,2



PIPELINER



PIPELINER is the cutting, grinding and beveling range designed for pipes fitting, notching and welding preparation.

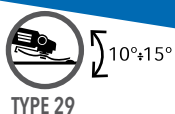
These discs are specially conceived and reinforced for grinding joint welds between passes in pipeline construction. Free from iron, sulphur or chlorine (Fe, S, Cl), they do not contaminate stainless steel.

For more than 40 years GLOBE is supplying the OIL & GAS industry with specific abrasive products for general and special applications. GLOBE offers a full range of products for every kind of OIL & GAS applications such as pipelines constructions, onshore and offshore installations, pipe and vessel manufacturing, maintenance and overhauling.

- Intermittent light grinding, facing, beveling
- Pipeline - beveling, light grinding, notching and cleaning weld beads
- Pipes fitting
- Welding preparation



SEMI-FLEXIBLE GRINDING WHEELS



SEMIFLEXIBLE WHEELS FOR PORTABLE ANGLE GRINDERS

WORKABLE MATERIALS:



DIAMETERS (mm): 75 - 115 - 125 - 150 - 180

GRITS (Mesh): 24 - 36 - 60 - 100

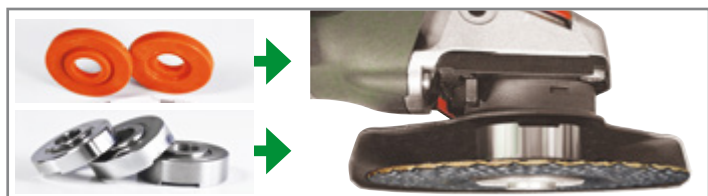


TURBOTWISTER is the semi-flexible wheel, covered by patent, for grinding and finishing of internal and external curved surfaces, characterized by a working surface with rhomboidal grooves that increase removal rate and create a cooling effect thanks to air circulation through the grooves. The specification for metal, free from iron, sulphur and chlorine compounds, is also suitable for stainless steel. The large contact area guarantees an excellent planarity of the surface treated.

- Fast removal of welding burrs
- Grinding of flat, concave and convex surfaces
- Finishing of castings of any shape
- Grinding of stainless steel without overheating
- Works where a standard abrasive wheel would cause deep incisions
- Removal of welding drops and joints without damaging the surrounding metal
- 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
- Triple fiberglass reinforcement ensures the maximum safety in every condition

THE SPECIAL THICK BACK FLANGES DESIGNED BY GLOBE

They allow (in the respect of all the safety regulations) a more comfortable and precise grinding work, besides improving the disc performance.



2 ≠ SPACERS by GLOBE

Flush mounting with the special GLOBE flanges



THE SPECIAL SURFACE COVERED BY RAISED GROOVES, GUARANTEES GREATER POWER ON ALL METALS.

The patented spiral grooves of the grinding surface create a very effective air circulation which cools metal and prevents overheating. The 3 mm deep pyramidal grooves give high and constant removal speed on all materials.



INTERNAL GRINDING WHEELS



TYPE 1

GRINDING FLAT DISCS FOR STRAIGHT MACHINES

WORKABLE MATERIALS:



Steel and stainless steel



Stainless steel (Fe, S, Cl free)

DIAMETERS (mm): 50 - 75 - 100 - 125

THICKNESS (mm): 8,0 - 12,0 - 20,0 - 25,0



TYPE 1

G1825
100x20,0x20,00
Type 1
Thickness:
20,00mm.



The ideal tool specifically designed for grinding and cleaning internal surfaces of pipes, valves and joints in OIL&GAS Industry. They are extremely balanced to prevent fluttering and to ensure maximum control during operation. Great care is taken in balancing these wheels to prevent vibrations and to ensure maximum control by the operator. These wheels are manufactured with specifications for use at 45m/s (without reinforcements) and for use at 60 and 80m/s (reinforced). Thanks to the special mixture, a high removal rate is achieved without overheating the workpiece.



FAST AND HEAVY DUTY GRINDING WHEELS



TYPE 27

DEPRESSED CENTER WHEELS FOR PORTABLE ANGLE GRINDERS



EXCELLENT ABRASIVE CAPACITY



LOW VIBRATIONS



COSTS REDUCTION



LOW NOISE

WORKABLE MATERIALS:



Steel and stainless steel



Steel



Stainless steel (Fe, S, Cl free)



Cast Iron

DIAMETERS (mm): 115 - 125 - 150 - 180 - 230

THICKNESS (mm): 7,0

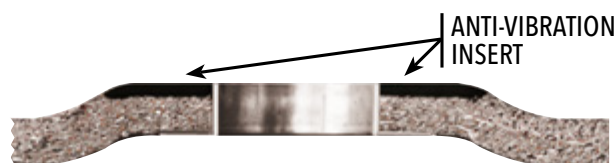


GRIND POWER III

Used with grinders of suitable power (1400W for Ø 115 a 125mm) GRIND POWER III is able to **cut working times by 50%.**



GRIND POWER III is the most advanced and unequalled GLOBE technological solution for the professional grinding industry. The highly enriched alumina zirconia mixture of very high quality offers incomparable removal speed and durability, and can compete on equal terms even with the more expensive ceramic wheels. If used with grinders of suitable power (1400W for Ø 115 a 125mm), GRIND POWER III is able to halve working times. The formula free from Fe, S, and Cl makes the product suitable also on stainless steel. The greatest innovation of GRIND POWER III stands in its special anti-vibration insert embedded in the wheel (patented technology that reduces vibrations transmitted to grinders and thus to users' hands and arms). In a world where attention to health and reduction of operators' exposure to fatigue, dangerous and damaging vibrations are increasingly important, GLOBE offers a practical tool to improve working conditions by rising up comfort of use to unprecedented levels. Thanks to GRIND POWER III, work becomes faster, more efficient, less tiring, less stressful and therefore more advantageous.



- ✓ LESS VIBRATIONS
- ✓ MORE COMFORT
- ✓ LESS EFFORT





Scan the QRcode on the label of the disc
in order to access the safety information
of the product on GLOBE website.

GLOBE also offers a complete range of abrasive products for any kind of industry:

metal constructions and building industry

food and pharmaceutical machineries

foundry

automotive and railways constructions

furniture industry

... and more



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