

# flexOvit

## INDUSTRIAL PERFORMANCE ABRASIVES

# MAXX3



**7.0mm**  
180 x 7,0 x 22,23  
7" x 9/32" x 7/8"

max.  
8 500 rpm  
80 m/s

Saint-Gobain Abrasives BV,  
Groeneweg 29, 7151 HW Eibergen,  
The Netherlands

flexOvit

# MAXX3



Steel Inox  
Stainless Steel  
Inox / RVS  
Nierdzewna / Nerez

CORRECT MOUNTING  
OF TYPE 27, 29 AND 42  
WHEELS LESS THAN  
175mm DIAMETER



NQ24P - BF27

Complies with Australian  
Standard AS 1788.1-1987



66253371497



EN 12413

EAC



## POWERS THROUGH METAL



FLEXOVIT MAXX3

# KEY APPLICATIONS

- WELD PREPARATION, REMOVAL & CLEANING
- DUPLEX, HIGH CHROME ALLOYS
- GENERAL METAL REMOVAL
- PIPE BEVELLING
- HARD ALLOYS
- BLACK STEEL

FLEXOVIT MAXX3

# HOW WILL IT BENEFIT YOU?

**1** **MAXX OPERATOR COMFORT**  
Reduced hand fatigue from less cutting vibration

**2** **MAXX METAL REMOVAL**  
A sharper wheel for faster cutting action, reduced pressure and less grinding time

**3** **MAXX WHEEL LIFE**  
Less downtime & waste, using fewer wheels



# MAXX3

## POWERS THROUGH METAL

Work smarter not harder with new Flexovit Maxx3 grinding wheels. Our commitment to improving industrial performance has never been stronger thanks to significant R&D investment, bringing this new blend of proprietary ceramic grain and bond system to life, to deliver extraordinary grinding results. Flexovit Maxx3's design provides remarkable power and refined control from start to finish, powering through metal effortlessly and using fewer wheels for the job.



## 60 YEARS OF HIGH PERFORMANCE GRINDING

For almost 60 years, Flexovit has provided high performance cutting and grinding solutions, proving its technical know-how and experience to professionals worldwide. Flexovit puts performance and cost savings first. Only with the best solutions, can real savings be made, and Maxx3 is the next step in improving productivity and efficiency in industrial grinding processes, offering benefits throughout your organization from reducing process cost to improving operator comfort.

**Everyone's a winner.**



# MAXXIMUM INDUSTRIAL PERFORMANCE

“Flexovit Maxx3 is tough enough to last and smooth enough to allow easier grinding. Wheels that use a precision-shaped ceramic grain tend to have a different feel than the Flexovit Maxx3 grain that tends to be more rounded rather than pointed which allows a more robust, sharper cutting action for greater operator control.

“

**THEY SIMPLY GLIDE THROUGH THE WORKPIECE WHILE REMOVING METAL**

”

These wheels don't grab or dig when used in ANY direction. They simply glide through the workpiece while removing metal. This also means the free cutting control can boost the amperage on its own without additional pressure needed on the tool. Smoother feel. Better control. Improved comfort.”

**Marek Chudzinski,**  
Global Director of Product Management  
Saint-Gobain Abrasives

## THE PROOF IS IN THE TESTING

### COMPETITOR COMPARISON

125mm ceramic grain grinding wheels tested on Carbon Steel ST-32-7.  
Products tested at 5 minute intervals until stub out.



#### Speed of metal removed

Total metal removed/test time until stub out.

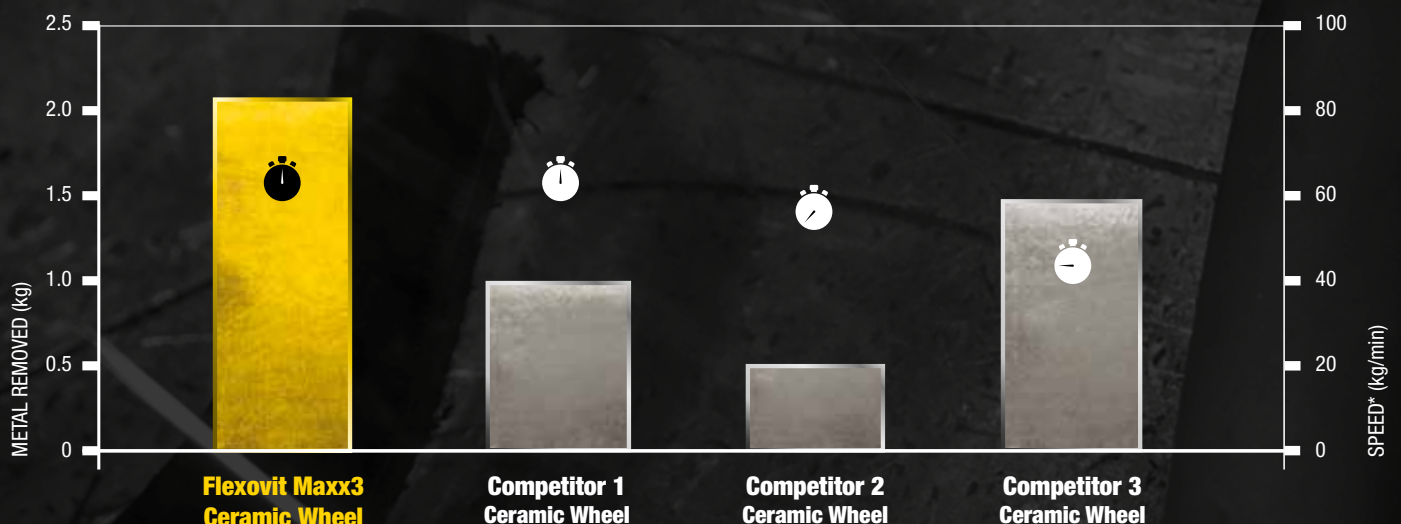


#### Total metal removed by one wheel

Total stock removed until wheel stub out.

# MAXX3

**UP TO 70%  
MORE METAL  
REMOVED**





# THE POWER OF INNOVATION

“Flexovit Maxx3 grinding wheels use a proprietary grain along with a tougher bond system. The bond contains a unique combination of fillers and bonding agents that allow for much better mix quality in manufacturing.



## HOMOGENEOUS DISTRIBUTION OF GRAIN WITHIN THE WHEEL AND BETTER ADHESION OF THE GRAIN TO BOND



The better mix keeps the individual ceramic grains from clumping to one another for more even wear of the bond and abrasive structure. It's that homogeneous distribution of grain within the wheel and better adhesion of the grain to bond that provides a faster grind for more metal removal, with less pressure, to significantly increase production. It's contaminate-free with <math><0.1\%</math> iron, sulfur or chlorine for rust-free results.”

**Michael Klett, Senior Research Associate**  
Saint-Gobain Abrasives

## GRINDING PERFORMANCE COMPARISON



**Flexovit Maxx3  
Ceramic Wheel**



**Flexovit Conventional  
Ceramic Wheel**



**Flexovit  
Zirconia Wheel**

**FLEXOVIT MAXX3**

# WHAT'S AVAILABLE FROM STOCK

DIMENSIONS (mm)	WHEEL SPECIFICATION	ART NO.	PACK QUANTITY
115 x 7,0 x 22,23	NQ24P - BF27	66253371494	10
125 x 7,0 x 22,23	NQ24P - BF27	66253371495	10
150 x 7,0 x 22,23	NQ24P - BF27	66253371496	10
180 x 7,0 x 22,23	NQ24P - BF27	66253371497	10
230 x 7,0 x 22,23	NQ24P - BF27	66253371498	10

Visit us online at: [www.saint-gobain-abrasives.com/maxx3](http://www.saint-gobain-abrasives.com/maxx3)  
or email [maxx3@saint-gobain.com](mailto:maxx3@saint-gobain.com) to request a free sample.

**YOU WON'T BE DISAPPOINTED!**



**flexOvit**

A SAINT-GOBAIN BRAND

[www.flexovit.eu](http://www.flexovit.eu)

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