

**Elastic bonded abrasives
for flat glass processing**

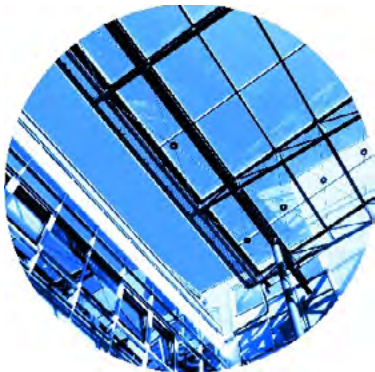
GLASS IS THE FUTURE

Modern architectural glass is a powerful stimulus in both the glass industry and related machinery manufacture.

New machines, building standards and increasing quality demands need a high degree of flexibility in product development adaptation to different glass types.

Customers require:

- Energy cost savings and environmental protection
- Energy savings and climate protection
- More light, more heat and more safely



A challenge which has been accepted fully through the development of highly specialised machinery for semi- and fully automatic glass edge processing.

MODERN AND FASCINATING

It would be nice to live in a World where domestic appliances made you feel good, yet still remained functional and actually delivered the latest technology. Yet glass is such a product - timeless, universal - and it delivers through the manufacture and sale of products which are modern and versatile items such as:

- Mirror, washbasins, showers
- Cabinets and frames
- Ceramic hobs and oven doors
- Doors, floors and wall coverings



With **ARTIFEX** abrasive products you can achieve the perfect finish on your glass edges.

Rest assured your quality demands are our utmost priority.

GLEAMING GLASS EDGES ARE MADE WITH TOP-CLASS TOOLING

With 80 years of experience in surface finishing, **ARTIFEX** Dr. Lohmann GmbH & Co. KG in Kaltenkirchen, Germany is a global manufacturer for and supplier to the glass processing industry.

The statement **Quality Made in Germany** implies precision, productivity, reliability and economic viability.

With great focus, we develop and produce today products for the technology of tomorrow.

Alongside this, we offer you our specialised service:

ON-SITE TECHNICAL SUPPORT



In the following pages we'd like to give you a brief insight into the multitude of applications which our products can offer you.

ARTIFEX offers a wide range of products for single and double edging machines. The optimum results are obtained by using the correct **ARTIFEX** products.

For every desired finish, we offer the right abrasive combination. This is achieved using polishing wheels, a cerium wheel and special wheels for the arriss.

Choose from:

🔴 For mirror finish: **Series A0-BQ**

🔴 For highest life span: **Series A0-Q6**

🔴 For lowest tool costs: **Series A0-BJ**



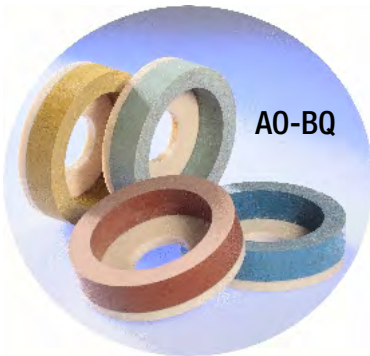
MIRROR FINISH

ARTIFEX series AO-BQ offers a perfect mirror finish in combination with CE-3.

These cup wheels are colour coded according to their grain size.

For arrissing, we recommend EK 400 MS.

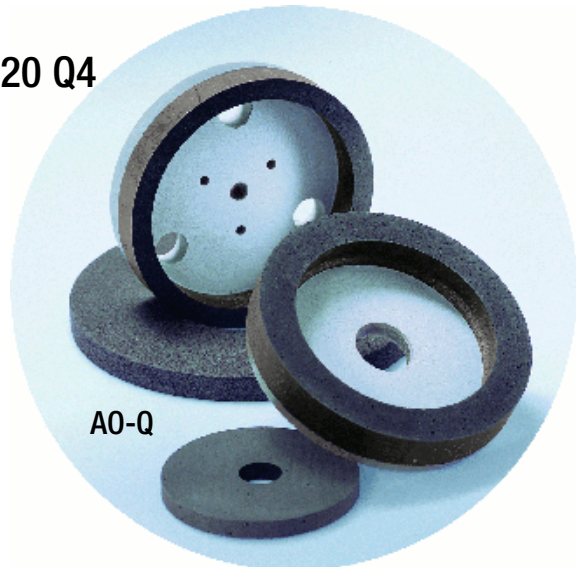
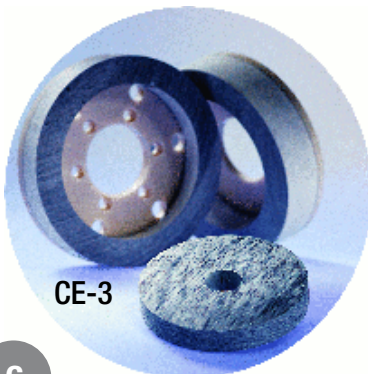
- Mirror finish with CE-3
- Long life
- Colour coded for grain size
- Arriss cup wheel EK 400 MS



HIGHEST LIFE SPAN

ARTIFEX Series A0-Q6 offers an industrial polish in combination with the cerium wheel CE-3, plus an extraordinary high life span of the polishing wheels. For arrissing we recommend A0 120 Q4.

- Highest life span
- Short setup-times
- High volume
- Arriss cup wheel A0 120 Q4



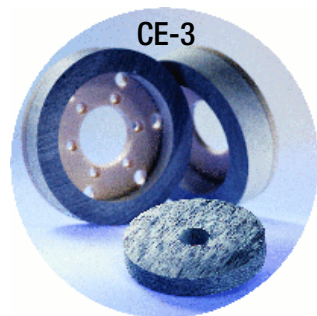
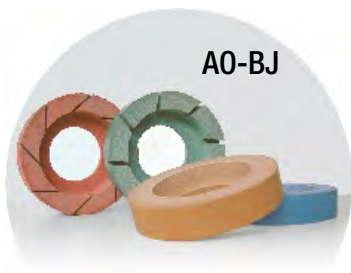
COST EFFECTIVE POLISHING

ARTIFEX Series A0-BJ offers a fine finish in combination with the cerium wheel CE-3 at a very low price.

These cup wheels are colour coded according to their grain size.

For arrissing we recommend EK 120 SJ.

- Low tool costs
- Colour coded for grain size
- Fine finish with CE-3
- Arriss cup wheel EK 120 SJ



POLISHING OF LAMINATED GLASS

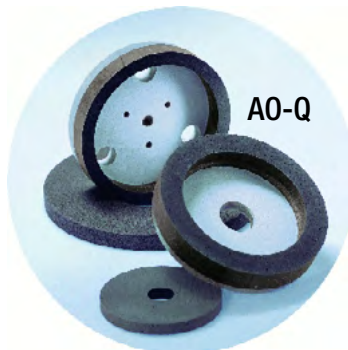
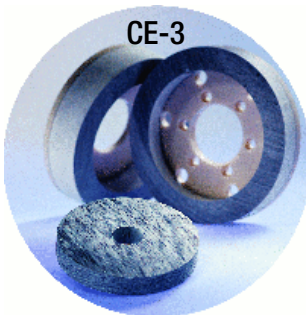
ARTIFEX offers the series AO-BQ, AO-Q6, AO-BJ and also as segmented cup wheels with slots of 3mm or 5mm.

These wheels are specially designed for polishing laminated safety glass.

■ No 'clogging' of polishing wheels

■ No retention of plastic foil

■ Fine finish with CE-3



ARTIFEX is the OEM supplier of Benteler AG in Germany.

Whether you need high volume production or perfect mirror finish, we offer the right tool for your Benteler.

High volume production with:
AO 40 Q6, BK 120 WR, BK 180 WR

Mirror finish with:
AO 40 PBR, AO 60 PBR und CE-3

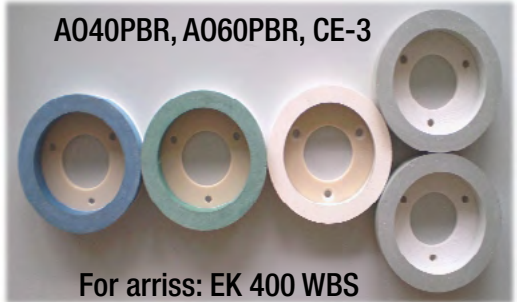
Arriss cup wheels:
BK 120 WR or EK 400 WBS

AO40Q6, BK120 WR, BK180 WR



For arriss: BK 120 WR

AO40PBR, AO60PBR, CE-3



For arriss: EK 400 WBS

SMALLER MACHINES

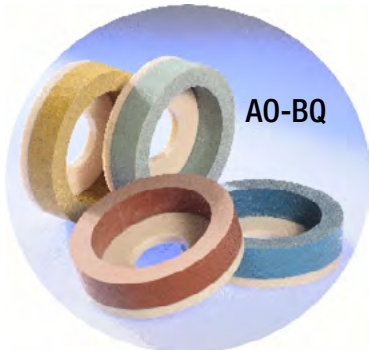
ARTIFEX also offers tools for smaller glass machines with fewer spindles.

Following a polishing cup wheel from the series AO-BQ, the rubber bonded cerium cup wheel CE-R produces a high gloss finish on the edge.

With no diamond wheels on the arriss, SC 280 HS cup wheels will grind and polish the arriss in one step.

High gloss finish with:
AO 40 BQ and CE-R

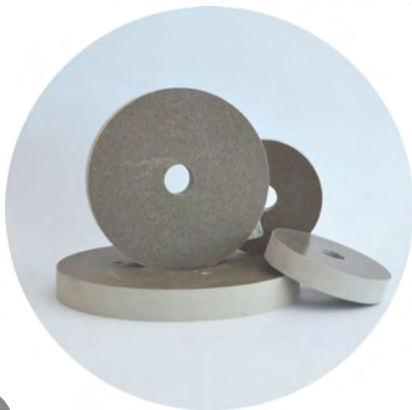
Arriss cups if no diamonds are available:
SC 280 HS



BK-WR PERIPHERAL WHEELS

ARTIFEX Series BK-WR offers a perfect gloss and high life span for flat and pencil edge.

- Perfect gloss and high life span
- For single and double edgers
- For CNC-machines



A0-UQ5 PERIPHERAL WHEELS

ARTIFEX Series A0-UQ5 offers a good finish on glass thicknesses up to 6 mm for pencil edges.

These wheels have a very high life span and frequent re-dressing is unnecessary.

- Good finish and high life span
- For single and double edgers
- For CNC-machines

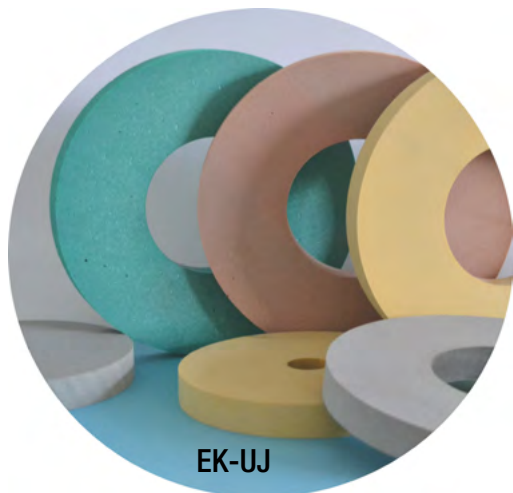


EK-UJ PERIPHERAL WHEELS

ARTIFEX Series EK-UJ offers a low budget wheel with a good gloss for flat and pencil edges.

These wheels are colour coded according to their grain size.

- Low cost tools
- Colour coded for grain size
- For single and double edgers



DECOATING OF LOW-E GLASS

Due to the extensive guarantees offered with window and constructional glazing, the adhesion of the hermetic butyl to the edge-deleted insulation glass is a critical factor. It's logical therefore that the life of the insulated unit is a function of the quality of the edge bonding. Selection of the right edge deletion wheels is based on the hardness of the coating and the specification of the coating layers. Every glass manufacturer offers their own particular type of LOW-E glass. Coated flat glass is offered by St. Gobain, Interpane, Guardian, Glaverbel, Sanco, Semco and Pilkington. **ARTIFEX** produces a range of edge deletion wheels based on a combination of different mineral abrasives, different grit sizes and different hardnesses in several different recipes to suit the application and coating. For every machine or type of coating, you can rely on **ARTIFEX** for the right product for optimum results.



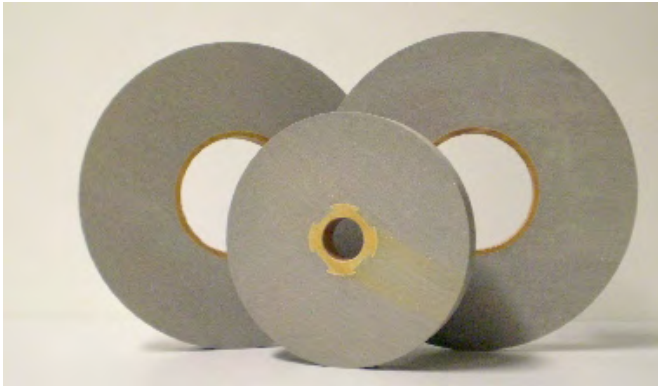
Are your customers performing the ‚butterfly test‘ for quality control?

ARTIFEX offers a product to pass it safely:

The Quality SC 150 HT!

■ Special polyurethane bond

■ Green silicon carbide grit 150



PORTABLE GRINDERS

can be variable speed angle sanders as well as circular hand saws.

Manufacturers are:

Bohle, Knopp, Pannkoke, Rottler & Rüdiger and others.

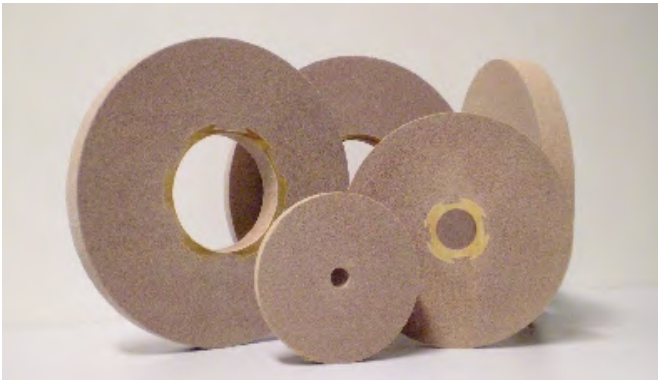
Standard: SG 100 HT

Peripheral wheels with reinforced bore:

125 x 10 x 25.40 mm

125 x 10 x 76.20 mm

150 x 10 x 25.40 mm



Other dimensions upon request

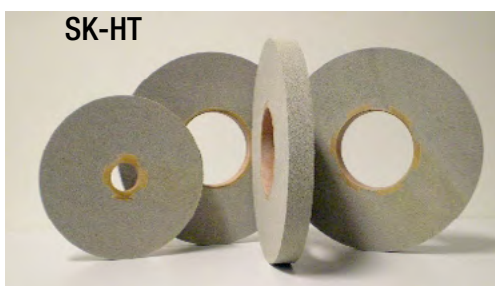
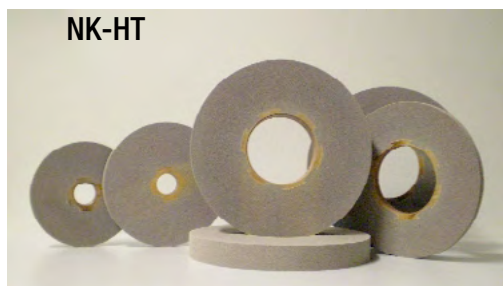
VERTICAL EDGE DELETION MACHINES

are offered by Bystronic, Lenhardt, Lisecc and others.

Standard: NK 220 HT

For hard coatings: SK 120 HT

Peripheral wheels with reinforced bore:
200 x 10 x 76.20 mm



Other dimensions upon request

CUTTING TABLES WITH INTEGRATED EDGE DELETION HEADS

are offered by Bottero, Bystronic, Hegla, Lisecc, Macotec and others

Standard: NK 220 HT

For hard coatings: SK 120 HT

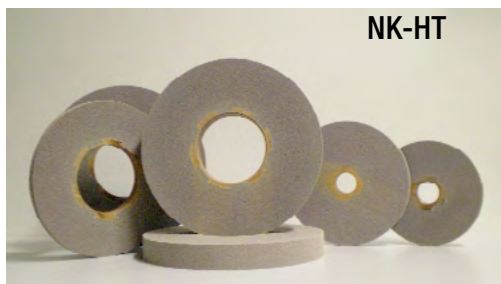
Peripheral wheels with reinforced bore:

175 x 20 x 76.20 mm

200 x 16 x 76.20 mm

200 x 18 x 76.20 mm

200 x 20 x 76.20 mm



Other dimensions upon request

ARTIFEX offers abrasive wheels for all types of machines.

Here is a short list of machines on which **ARTIFEX** abrasives are used with great success!

Autoflow	Busetti	FMF	Metral
Bando	Bystronic	Forvet Chiara	Progetti
Baretta	C.A.U.	Fushan	Qingdao
Baudin	Cambi	Gerhard	Rautenstrauch
Bavelloni	Casar	Gieffe	Schiatti
Beijiang	Champion	Glamatec	Schwartz
Benteler	Cortesi	GME	Suntech
Berlyne	Covesa	Huatian	Technometal
Besana	Delta	Intermac	Vitrododi
B.U.	Deway	Intraco	Yingjing
Bohle	Dongil	Lattuada	Yuanda
Bottero	Ebor	Linzhi	Zafferani
Bovone	Fast	Lovati	Zanetti u.v.a.
British Hand	Feiyue	Maclav	

Ask today for your personal quotation.

Our team is ready to assist you.



YOUR ORDER

Fulfilling your need is our goal!

We try to meet every customer's requirements.

ARTIFEX offers a wide range of abrasive products for polishing of flat glass.

Machine (Typ/Year of construction):

Kind of glass and thickness:

Polishing station:

Grit and dimension:

Quantity:

E-mail: info@artifex-abrasives.de

Or use the contact form on our web-site:

www.artifex-abrasives.de

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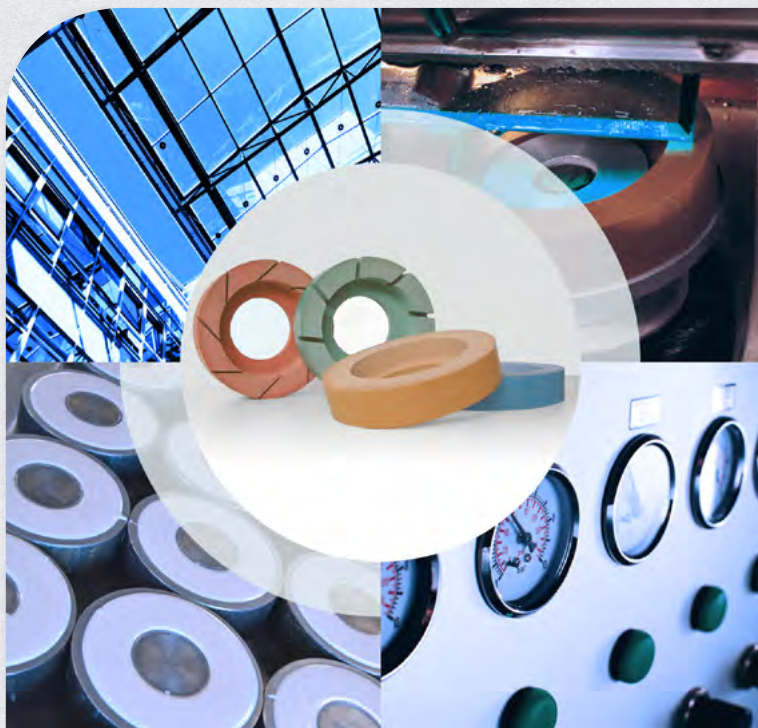
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ARTIFEX

Quality made in Germany



Stand 2011/9
Edition 2

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