

CERAMIC - GLASS



The glass and ceramic manufacturing industries are steeped in craftsmanship and employ highly skilled labour. They have also modernized over the years, introducing more and more automation in order to boost production capacity.

The machines involved in glass and ceramic production processes must be able to operate with only a minimum of down time for maintenance and repairs. This can only be achieved through the use of reliable, high performance drive systems capable of guaranteeing the continuous production needed to satisfy demand.

Varvel's advanced Italian technology is highly acclaimed for many applications in these sectors, including end-of-line sorting for ceramic tiles, surface grinding and polishing, glass processing, brick and roof tile drying, etc... .

Varvel's high-tech gearboxes are extremely reliable and ideal for applications in process automation. Varvel is therefore the preferred supplier to many constructors of production machinery for the glass and ceramic industries. Varvel's drive solutions provide the perfect response to market needs in terms of increasing globalization, stricter environmental standards, rising energy costs, and the growing emphasis on social responsibility in the manufacturing sector.

Last but not least, nearly all the products in the Varvel range are available in ATEX versions that conform to European directives governing the use of plant and machinery in potentially explosive atmospheres.

- UNI EN ISO 9001:2008
- UNI EN ISO 14001:2004
- BS OHSAS 18001:2007



- EC DIRECTIVE 2014/34/EU (ATEX)





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PRODUCTION

- Brick & roof tile drying
- Ceramic firing and glazing
- Glass processing
- Mixing
- Pumping
- Quality control
- Screening
- Surface grinding



PACKAGING

- Product packing



POWER HANDLING

- Conveyor movement control



STORAGE

- Automatic warehousing



BUILDING MANAGEMENT

- Air filtering
- Water purification

RD

- In-line helical gearbox two and three reduction stages
- Footed and flanged configurations
- Solid output shafts of various diameters
- Output flanges of various diameters
- Life-time lubricant performance
- ATEX certification on demand



RS - RT

- Worm gearbox
- Two housing configurations
- Wide reduction ratio range
- Vast accessory availability
- Hollow output shafts of various diameters
- Life-time lubricant performance
- ATEX certification on demand



RG

- Precision planetary gearbox with low backlash
- One or two reduction stages
- Solid output shaft
- Life-time lubricant performance



RN - RO - RV

- Parallel shaft and bevel/helical gearboxes, two and three reduction stages
- Multi-purpose housing and flanged configuration
- Hollow output shafts of various diameters
- Output flanges of various diameters
- Life-time lubricant performance
- ATEX certification on demand



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