
Normfinish Automated customised blast installations

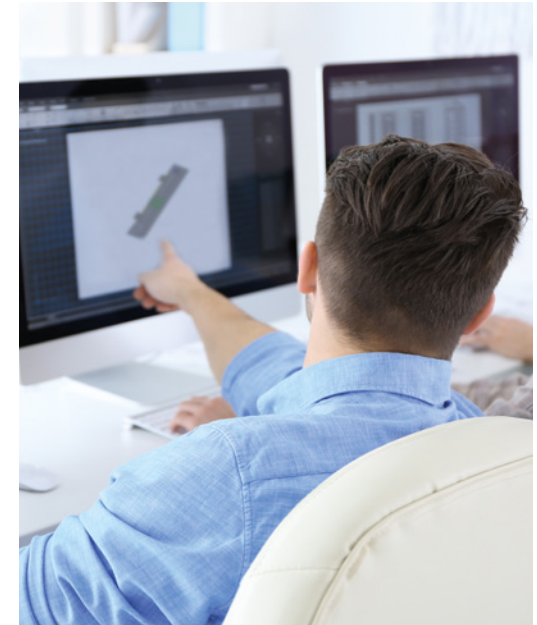


IN-HOUSE ENGINEERING AND PRODUCTION

The automation of production processes continues and equipment is becoming increasingly productspecific. As a result, traditional equipment is often no longer up to the task.

Normfinish automated blast installations are developed and produced by Leering Hengelo. Our own engineering department can respond to the many questions raised in this area. We are able to translate customer- and product-specific requirements into customised equipment perfectly suited to your application(s), ISO 9001:2015 certified.

Whether you need paint removal, roughening for a coating process for example, deburring, shot peening, aesthetic purposes or removing powder from products in whichever size, together with you, we develop the best solution for your products. Production and assembly take place on our own account.



SATELLITE BLAST INSTALLATIONS

BATCH

Suitable to totally blast complex parts [rotate the products and oscillate the nozzles]. The products do not come into contact with each other; therefore, nothing will be damaged.



INDEX

Indexing the blasted product beyond the installation and then replaced by a non-blasted product. Meanwhile, the next product is blasted. Loading/unloading can perfectly be done with the help of a robot.



TRANSIT BLAST INSTALLATIONS

INDEX

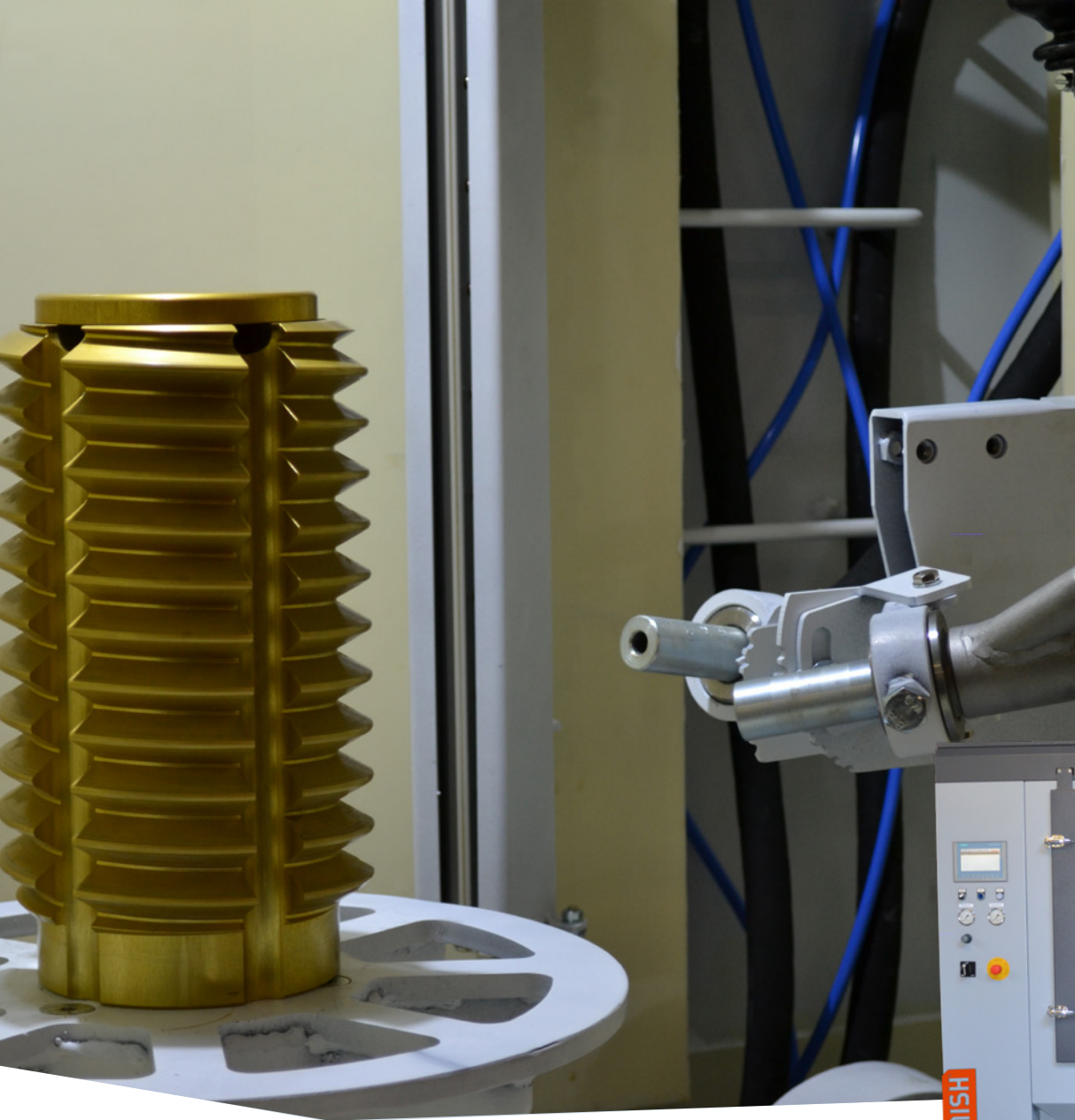
Suitable for the blasting of products that are supplied individually.

After importing the products, the doors close. The products are completely blasted by an oscillating movement of the nozzles [back and forth] and a horizontally shifting motion of the products. Blasting can take place above, underneath or on both sides. It is suitable to align with other product machines.

CONTINUOUS

Especially suitable for a continuous process.

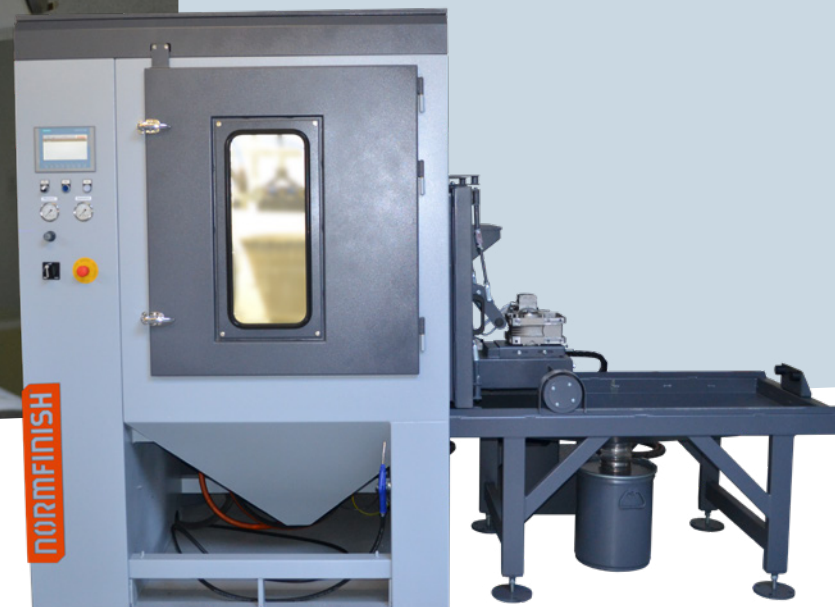




TURNTABLE BLAST INSTALLATIONS

Suitable for blasting larger, usually round-shaped products.

Products are placed on a turntable and are blasted by the rotation of the table in combination with the oscillating nozzle movement. The turntable can be placed permanently in the cabinet. Or brought outside the cabinet with a transport system, so that loading using a crane/forklift is possible.



DRUM BLAST INSTALLATIONS

BATCH

Particularly suitable for the automatic and complete blasting of small parts.
Used often to finish 3D printed products.

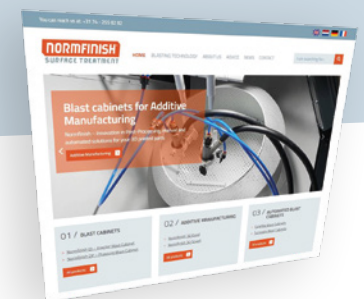
When blasting Aluminium, Titanium, PA or PP parts, an explosive-secured execution thereof is required. This may, for example, consist of a rotary lock valve, rupture disk, Ex motor and fan, non-return valve and/or flow control.

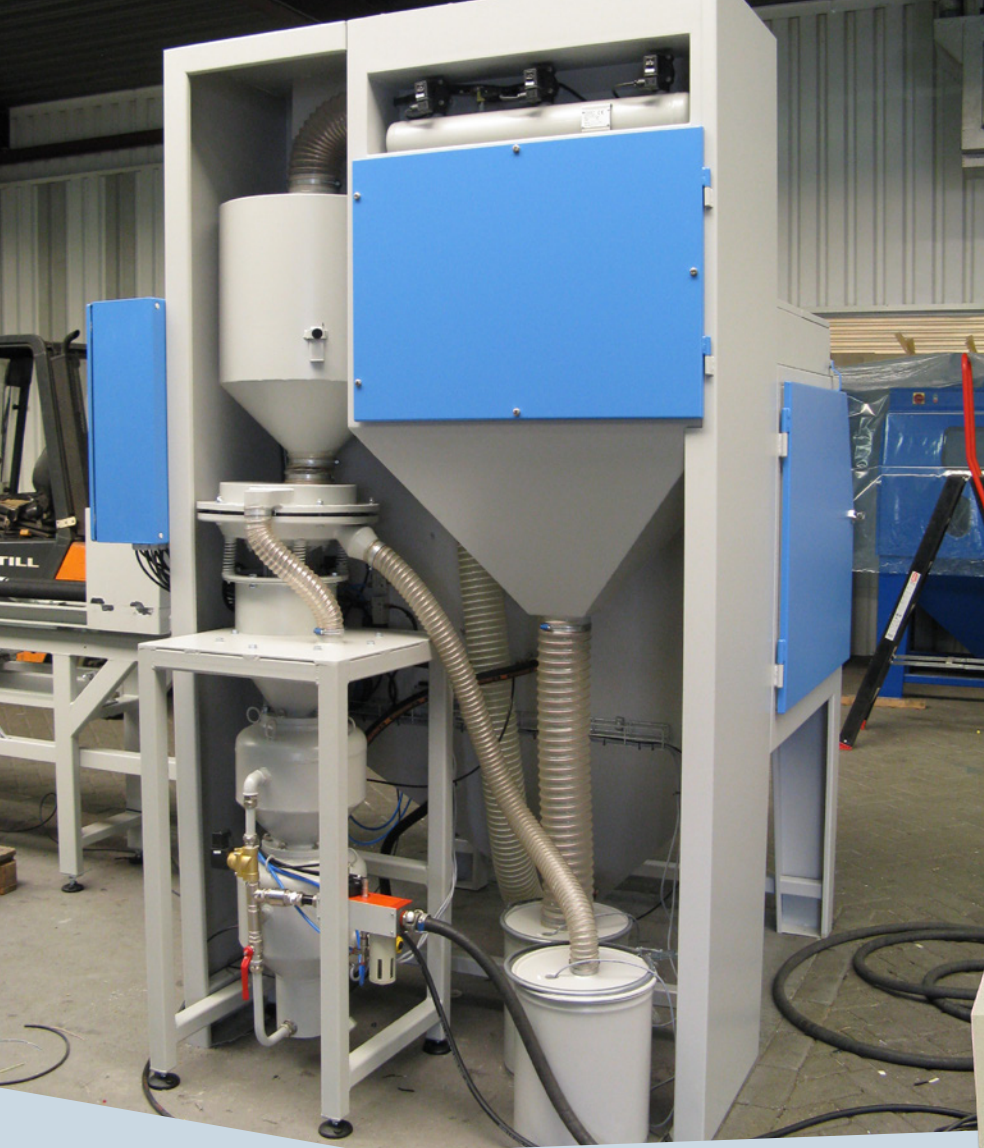




INTERNAL BLAST INSTALLATIONS

Suitable for efficient cleaning of the inside of hollow products, such as gas bottles, fire extinguishers, tanks, etc. After installation, the product is rotated and the nozzle makes up-and-down movements.





SHOT PEEN BLAST INSTALLATIONS

The blasting medium is sieved and it is optional possible to control the roundness. The dosage of the blasting medium can optionally be controlled. This can be carried out in all the above-mentioned blast cabinets.



DIFFERENT MODELS

Referred to customised type of blast installations can be delivered in different models. Below are a couple of examples.



- 1 recharge blasting medium for a constant business mix > blast result
- 2 several formulas to programme via HMI/PLC, pressure setting and control via HMI

- 3 HEPA filter, dust detection etc.
- 4 Sieve unit



SERVICE & MAINTENANCE

Taking in production the blast installation includes training with respect to its use and maintenance. An extensive manual is of course supplied. You can always reach us via the number below if you have any questions. We have our own service personnel with experts and [certified] technicians.



NORMFINISH
SURFACE TREATMENT

CONTACT

Leering Hengelo
T +31 (0)74 255 82 82
F +31 (0)74 242 23 73
info@normfinish.com

Visiting address
Barnsteenstraat 1
7554 TC Hengelo (OV)
The Netherlands