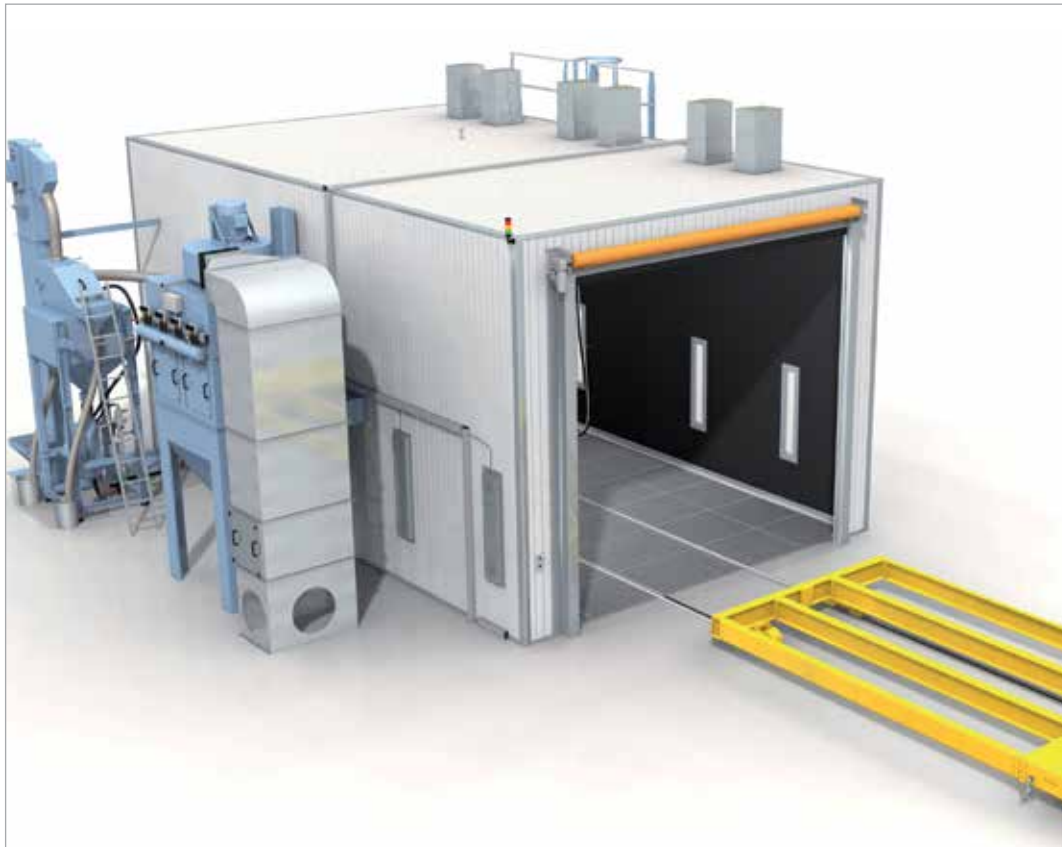


Standard Blastroom



The principle of standard blastrooms: Install, connect, blast

Whatever your surface preparation requirements are, Wheelabrator Group will deliver the right solution for you.

Wheelabrator is the world's leading provider of standard and special solutions for surface preparation. Our collected experience enables us to provide customers worldwide with the latest and best machines.

Blastrooms are the preferred solution for many different applications, and have many advantages for you.

Typical applications:

- Removal of foundry sand and casting residues
- Removal of mill and forge scale
- Corrosion removal
- Removal of all kinds of coatings and adhesions like dirt or dust
- Removal of close to the surface particles or layers of the base material
- Removal of cutting and casting burrs
- Increase of surface roughness

The new standard blastrooms are compact, robust and economical, and are suitable for a wide range of applications and abrasive media.

The integral air filtration and dust collection system (incorporated as standard) allows the blastroom to be installed without the need for further ducting.

Your advantages at a glance

- Compact design
- Completely self contained
- Quick and easy assembly
- Installation without pit possible
- No further exhaust air ducting required
- Robust construction for long service life
- Easy access to all maintenance areas

Standard Blastroom Technical Data

Blastroom

- Insulated panels with 5 mm rubber lining
- 2-winged swing door
- Compact fluorescent lamps in the upper room corners

Abrasive transport

- Full floor mechanic transport system
- 250 kg gratings load
- Bucket elevator

Abrasive reclamation

- 3 stage wind sifter VIBRO-Clean 450
- 1000 l storage silo

Blast technique

- 200 l blast pressure pot
- Dust free media refilling
- Operator's protective equipment
- Compressed air purifier

Nozzle movement

- Manually by the operator

Workpiece handling

- Customer provided

Filter unit

- Self cleaning cartridge filter units with reverse pulse technology
- Safety filter

Electric control

- Hanger type switch box
- Electro project:
 - switching diagram
 - cable duct scheme
 - electric component list and drawing

Options

- Electric roller door
- Service/escape door
- Side wall illumination
- Gratings load 2000 kg
- Magnetic separation unit
- Rail track inside the blastroom
- Rail-bound transport car
- Pivoting arm for blast hose movement
- Safety filter
- Exhaust air ducting
- Electric installation material
- Equipment for an additional blaster

Your advantages at a glance

- Future-proof investment - the modular structure means future adaptations are easy
- Short leadtimes by using standard components
- Construction at ground level possible without civil works:
- Highest quality and reliability: all components are continuously improved
- Precise operation with ergonomic configuration means it's really easy to operate
- Really easy to maintain - so production downtime is minimised
- Low noise emissions
- Extremely durable protection against wear



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Standard blastrooms

Inside dimensions (m) L x W x H	3 x 3 x 2.5	4 x 3 x 3	6 x 4 x 3.5	8 x 5 x 3.5	12 x 5 x 4.5	15 x 5 x 5
2-winged swing door	x	x	x	x	x	x
Electric roller door	•	•	•	•	•	•
Service door	•	•	•	•	•	•
Ceiling illumination	x	x	x	x	x	x
Side wall illumination	•	•	•	•	•	•
Gratings 250 kg	x	x	x	x	x	x
Reinforced gratings	•	•	•	•	•	•
Magnetic separation unit	•	•	•	•	•	•
Rail track inside the blastroom	-	-	•	•	•	•
Rail-bound transport car	-	-	•	•	•	•
Pivoting arm	-	-	-	-	•	•
Safety filter	•	•	•	•	•	•
Exhaust air ducting	•	•	•	•	•	•
Electric installation material	•	•	•	•	•	•
Equipment for an additional blaster	-	-	-	•	•	•

x = standard • = option - = on request