

Shot-blasting halls



Field of application

Compressed air shot-blasting, cleaning, surface preparation prior to painting and homogenizing surface treatment of railway wagons, containers, welded steel structures, profiles, plates and sections, diverse metal structures.



Properties

- Meets the Working Healthcare Prescriptions;
- Meets the Environment Protection Prescriptions;
- Tailor made sizes to meet product requirements;
- The abrasive media will be entirely recycled during the blasting process.
- In accordance with the technological requirements the steel construction of the blasting hall is entirely independent and insulated from the existing working space.
- The blasting hall can be arranged either indoor or outdoor.



DEMAG Mobile Cranes Machine Mfg. Ltd. PÉCS — Indoor installed blasting hall



Heat insulated:

- blasting hall;
- dust aspiration & separation system;
- air-duct and form elements.

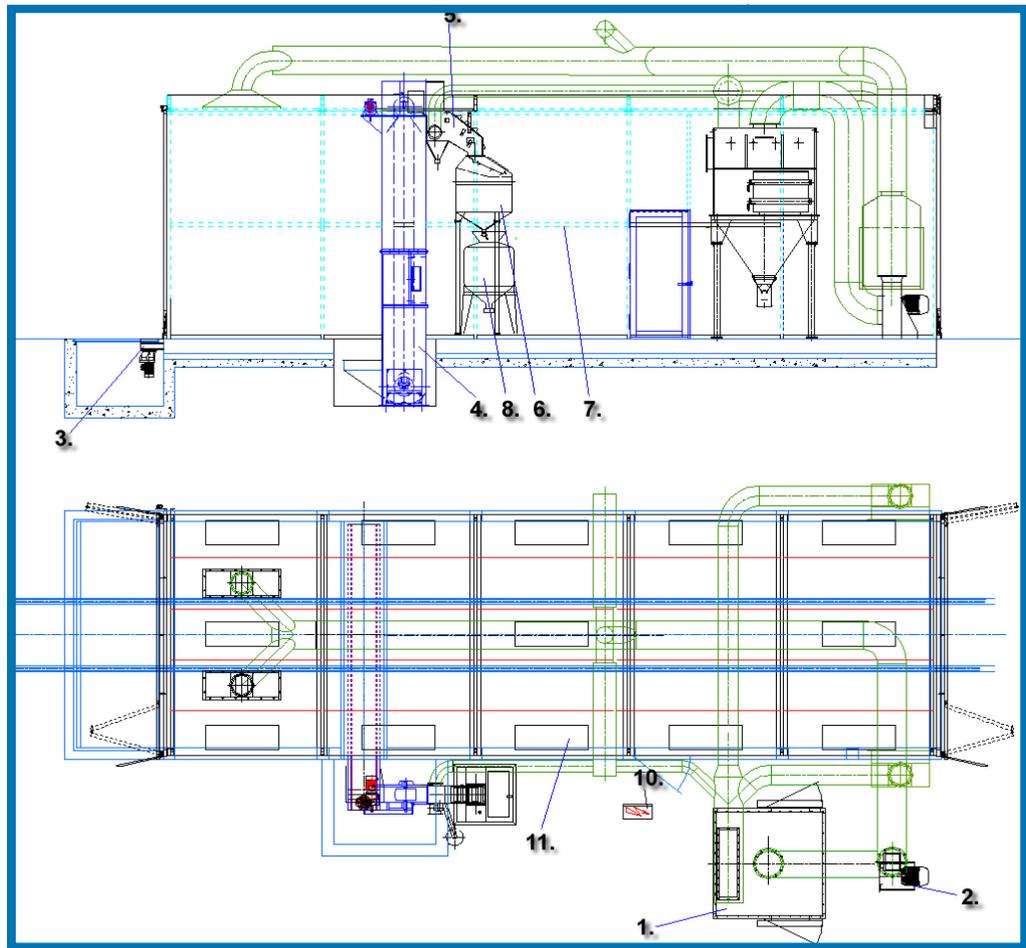
ABB Alstom. Budapest — Outdoor installed blasting hall



Dust aspiration system :

- APSZ 8 - APSZ 48 cartridge type dust aspirator; featuring: 8.000 - 60.000 m³ /h capacity, automatic compressed air counter-directional cleaning system;
- Aspiration fans;
- Clean air recycling into work-space;
- Noise dampers in air-duct, noise insulation;
- User friendly dust collection system;
- Meets all environment protection-, noise- and dust emission prescriptions;
Guaranteed maximum dust emission: 3 mg / m³;

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Units of a blasting hall :

- **Hall frame (7.)** — steel construction with cladding out of painted corrugated steel sheets or insulated panels;
- **Inner wear-protection** — rubber cover on the entire inner wall and ceiling surfaces;
- **Abrasive recovery system (3.)** — collects the used abrasive and recycles it into the blasting tank.
Featuring:
 - floor-scraper, screw- or belt transporter;
 - bucket elevator (4.);
 - abrasive regenerator unit (5.);
 - abrasive media storage tank (6.).
- **Blasting tank (8.)** — 60-200 l volume, fresh air unit, individual protective items, individual air conditioning, compressed air preparation;
- **Hall lighting (11.)** — 500 lux uniform illumination;
- **Dust aspiration & separation (1.)**, sizing based on the hall volume, dry system, automatic, counter current compressed air cartridge cleaning, aspiration fan fitted to the system (2.), suction walls, air inlet elements, air-duct dumpers & noise insulation;
- **Electric control (10.)** — control board c/w the necessary safety elements.

