



ShotBlasting Unit



..To the Future

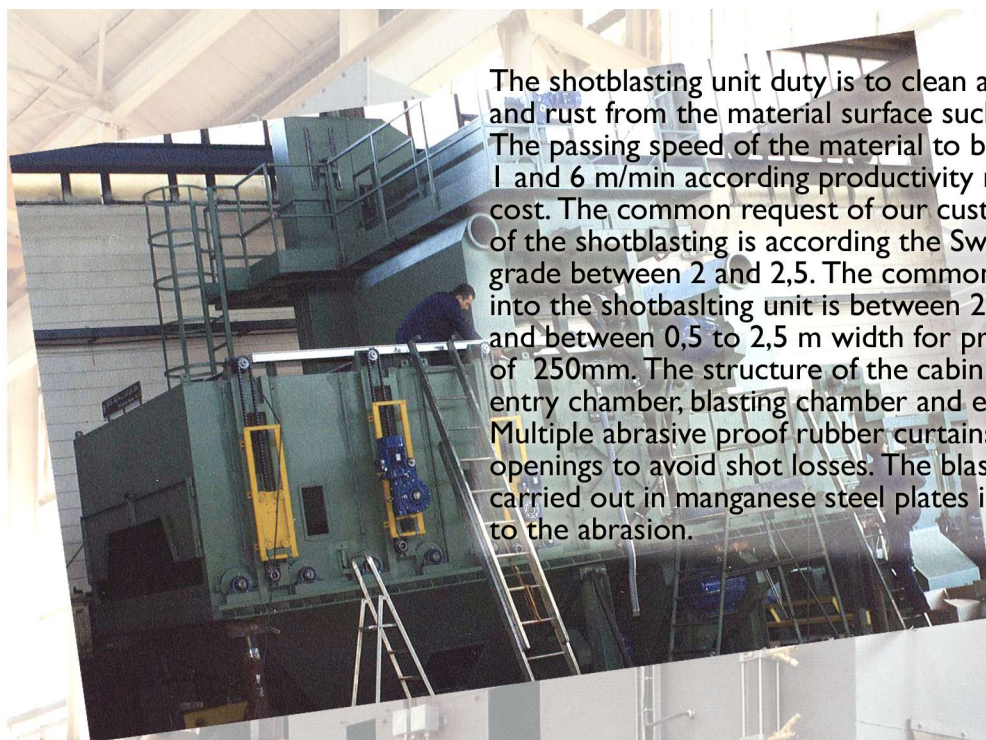


Experience and technology

Treatment Line

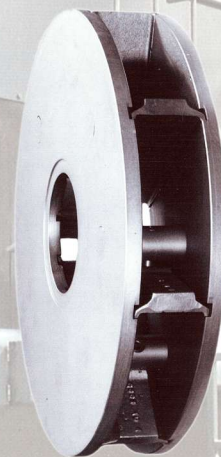


ShotBlasting Unit



The shotblasting unit duty is to clean and remove the calamine and rust from the material surface such as plates or profiles. The passing speed of the material to be treated is between 1 and 6 m/min according productivity request and investment cost. The common request of our customers regarding the quality of the shotblasting is according the Swedish standards SA with a grade between 2 and 2,5. The common range of material treated into the shotblasting unit is between 2 to 4,5 m width for plates and between 0,5 to 2,5 m width for profiles batches with an height of 250mm. The structure of the cabin is done in three sections, entry chamber, blasting chamber and exit chamber. Multiple abrasive proof rubber curtains are fitted on chambers openings to avoid shot losses. The blasting chamber is completely carried out in manganese steel plates in order to grant a long life to the abrasion.

An adequate number and powered shot turbines are placed on the top and on the bottom of the blasting chamber to fire the shots. Each shot turbine is equipped with an appropriate ampmeter installed on the control console to check the current consumption.



Endless screw conveyors are installed to properly recover the shot already blasted for re-using purposes. A pneumatic cleaning filter for the dust is placed close to the shotblasting machine. On the exit chamber, special brushes and particular air-blowing system, clean and remove all slags and shot dregs from material surface for the next treatment.

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