

Let Surface Reveal The Enhanced Quality

Mec Shot emerged as a manufacturer in the arena of shot blasting & shot peening with sky-scraping growth rate and swiftly enhancing horizon around the globe.

The company, having the products right from Air Operated to Wheel Blasting Machines in its basket and the vision to become a global player in its core, has got the 'CE' marking for its products and has brought to fruition those quality standards in all its products.

The company has catered to different customers for different shot blasting and shot peening applications and this culminates into development of various customized machines with different levels of automation. The robotic shot peening machine is an epitome of the level of automation

Customization is done based on aspects like substrate type, required finish or shot peening intensity, purpose like cleaning, etching, deburring, deflashing or protection and safe guarding the work environment.

One of the very recent instance of customization is Air operated shot blasting machine for sintered mould cleaning.

Mec Shot has conquered the trust of the customers with the product quality, cost effectiveness and after sales service.



Robotic Shot Peening Machine for Turbines Blades

Vision of Mec Shot is to expand its horizon by entering into Global market & to achieve global recognition with international quality products.

Mission of Mec Shot has been to constantly upgrade with latest technology & expand business by leading the global market in abrasive blasting and shot peening technology.

The company has established an In-house Job Shop to cater to various global & domestic industries for shot peening of all types of applications.

Shot Peening is the most effective way of reducing fatigue failures. In the shot peening process, micro particles of the metal or glass are applied at high velocity over the surface of the substrate to induce compressive stresses over the surface of substrate. With the compressive strength generated, microscopic defects get



Portable Shot Peening Machine

eliminated. An increase in the fatigue life upto about 800% is generally observed after peening.

The job shop is aimed to carry out Shot Peening and improve the fatigue strength of different components e.g. Turbine Blades, Gears, Torsion Bars & Drill Pipes for Offshore Drilling and so on wherever strength is an imperative factor.



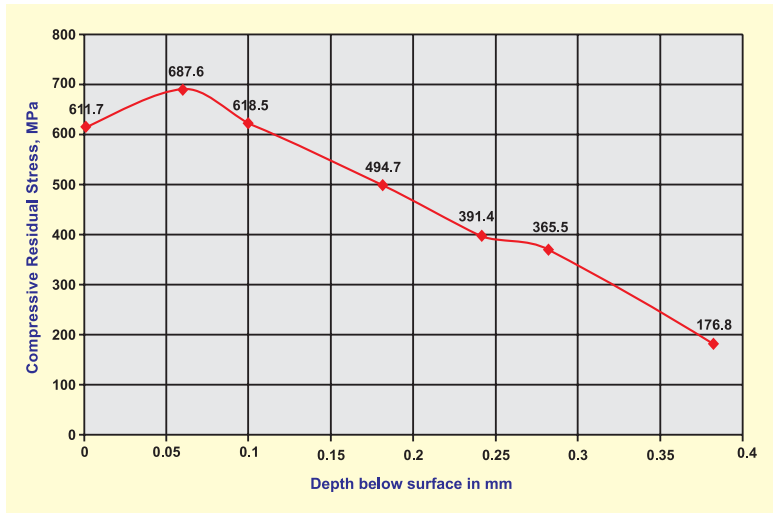
Gas Turbine Rotor

The company has also supplied shot peening machines to various clients in above mentioned industries and assisted them to get shot peening solutions.

The company has recently carried out the shot peening job work by means of a PLC Controlled Portable Shot Peening Machine



Shot Peening Machine for Torsion Bars



Depth Profile of compressive residual stress



Shot Peening & Blast Cleaning Workshop at Jodhpur (Rajasthan)INDIA

on the repaired gas turbine rotor that was damaged during overhauling.

Airless Shot Blasting Machines gaining momentum with a very wide range of applications for big & flat surfaces, in contrast to air operated machines, give a large production output.

A Tunnel Type Airless Shot Blasting Machine is one of the most prevalent and suitable machine for plates, beams, angles, channel & other long & uncomplicated structures. The passage opening of the machine & the no. of blast wheels and their strategical alignment around the cabinet is a depending factor of the components dimensions & structure.

Mec Shot has supplied wheel blasting machines with a range varying from 1



Tunnel Type Airless Shot Blasting Machine



Airless Shot Peening Machine for Large Components

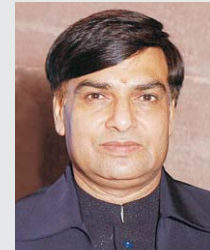
wheel machine upto 10 wheel machine to many customers throughout the world.

Mec Shot has also organized an Industrial 'Workshop on Shot Peening & Blast Cleaning' at Jodhpur (INDIA). This workshop attracted delegates from around the country It experienced an over whelming response from the industries like BHEL, Air India, ISRO, BEML, HAL, Raymonds, Ferromatic, Gala Precision etc.

This workshop was truly unique. There is no other place where they could have been exposed to so much information in the field of Shot Peening & Surface Preparation.

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