

Industrial Shot Peening Machine for Metal Surface Treatment

This industrial shot peening machine strengthens metal components through surface treatment. The machine uses a controlled stream of abrasive media to impact the surface, inducing compressive residual stresses and improving fatigue life.



Overview

Industrial Shot Peening Solution

This industrial shot peening machine is engineered for the precision surface treatment and structural strengthening of metal components. By utilizing a controlled stream of abrasive media, the system induces beneficial compressive residual stresses into the material surface. This process significantly improves the fatigue life of metal parts, making it an essential tool for demanding industrial applications requiring high durability and reliability.

Technical Features

Key Features

- Robust steel frame construction
- Automated media delivery system
- Enclosed work area for enhanced safety
- Precision surface treatment capabilities

Applications

Metal Strengthening, Surface Treatment, Fatigue Life Improvement