

Mec Shot Manufactures Blast Cleaning Machine for Pantograph Contact Strips

A Pantograph Contact Strip is an apparatus mounted on the roof of an electric train, tram or electric bus to collect power through contact with an overhead line.

The carbon strip's friction and wear properties are affected by the electric current and the wear rate increases with higher electric intensity. Surface roughness plays a crucial role in the pantograph-catenary system used in electric trains. Higher roughness can lead to higher friction, which might increase wear on the pantograph strips, but also provides better grip, improving current collection stability.

Recently, MEC SHOT has designed, manufactured, and supplied a Special Semi-Automatic Pressure Blasting Machine to blast clean pantograph contract strips.

MACHINE FEATURES

- Acoustic Cabinet
- Dual Pressure Tank for Continuous Blasting
- Pneumatic Operated Grit Valves
- Pneumatic Regulator for Air Pressure
- Photo Sensor for Operator Safety
- Zero Speed & Media Level Sensors
- Screw Conveyor Recovery
- Bucket Elevator System
- Horizontal Gun Reciprocation
- Automatic Door Open & Close through Pneumatic Cylinder
- Safety Interlock during Power Failure
- PLC & SCADA System
- Unlimited Recipe as per Job Profile
- CT Dust Collector
- Manometer for Dust Collector

