

Clean Products® Inc.

Automatic Blast Clean and Thermal Arc Spray Systems

Blast and Coat System Removes Existing Coatings, Provides an Anchor Pattern, and Coats long pipe-like work such as submersible Oilfield Pumps



Automatic Thermal Arc Spray Work Positioning Conveyors and Thermal Spray Containment Cabinets to apply Monel and Stainless Steel Coatings up to 16 mil in a single pass. Automatic Cleaning dust collection.



Multiple Monel Arc Spray Guns are placed on the cabinet to maximize productivity. A swing-up viewing window and lights are provided for safe monitoring and for maintenance access.

Adjustable Work Cart Positioning System provides individual control over work travel and work rotation for consistent coating thickness.

Rapid work cart return to minimize work loading time.



Long Pipe-Like Work Blast Cleaning Equipment



**Goff
Skewroll
Blaster**

Automatic cleaning with a blast wheels, no compressed air required.
Variable speed work conveyor, Airwash Separator, Classifier, and
Automatic abrasive adder to maintain consistent abrasive operating mix.
Rotary screen to automatically remove chunks of previous coating materials.
Multiple blast wheels clean larger diameter pumps.
Larger diameter blast wheel blades can be used to change the abrasive velocity.
A dust collector contains the blasting dust.

Thermal Spray Work Positioning Conveyors and Thermal Spray Containment Cabinets

**Skew Wheel
Conveyor**



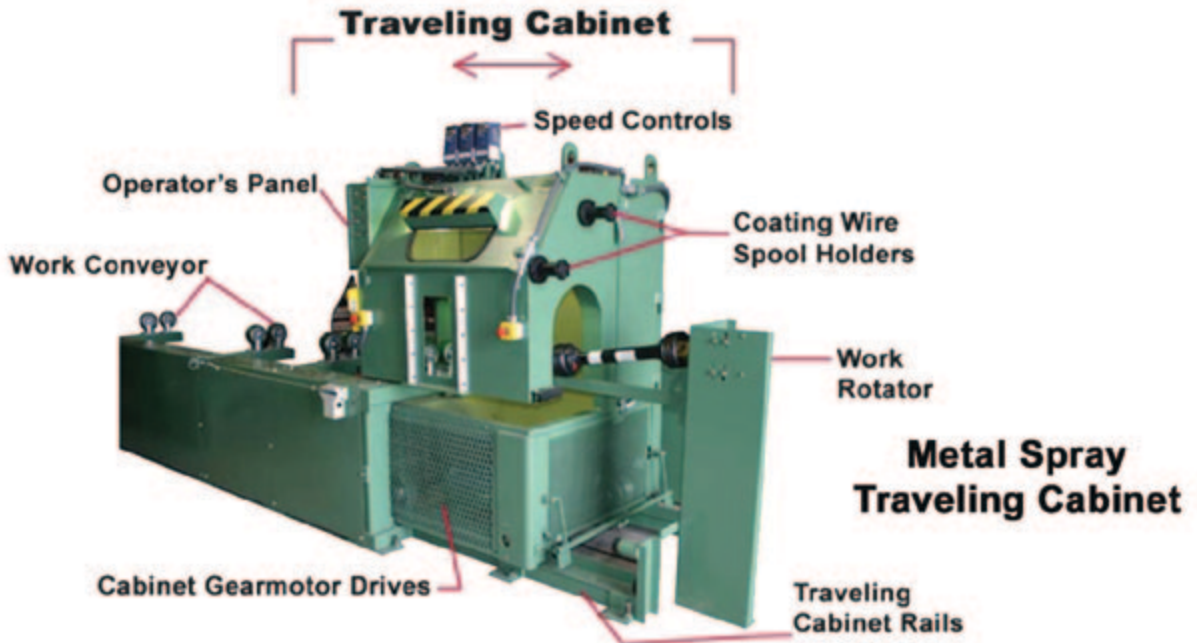
Variable speed Skew Wheel Conveyor
turns the work as it travels by the spray Guns.
Emergency work stops on conveyor ends.

**Arc
Spray
Cabinet**



Spray Cabinet positions the spray guns angle
and distance to the work. Tunnels on the
cabinet are placed on each side over the
conveyor to contain the spray dust.

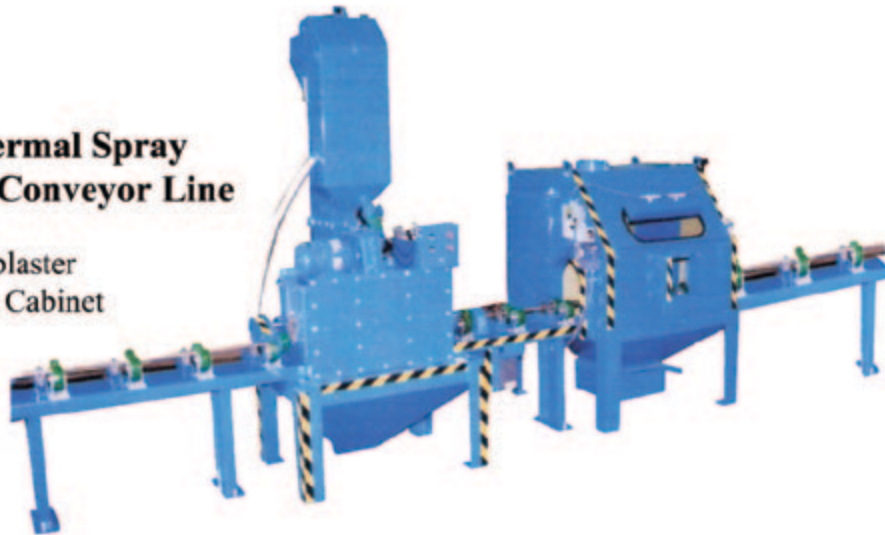
The Traveling Spray Cabinet Style
reduces floor area by moving the cabinet over the rotating work.



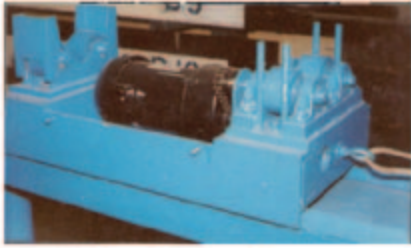
Blast and Coat Line

**Blast Cleaning and Thermal Spray
on the same Skew Wheel Conveyor Line**

Work Travels through the blaster
and then through the Spray Cabinet

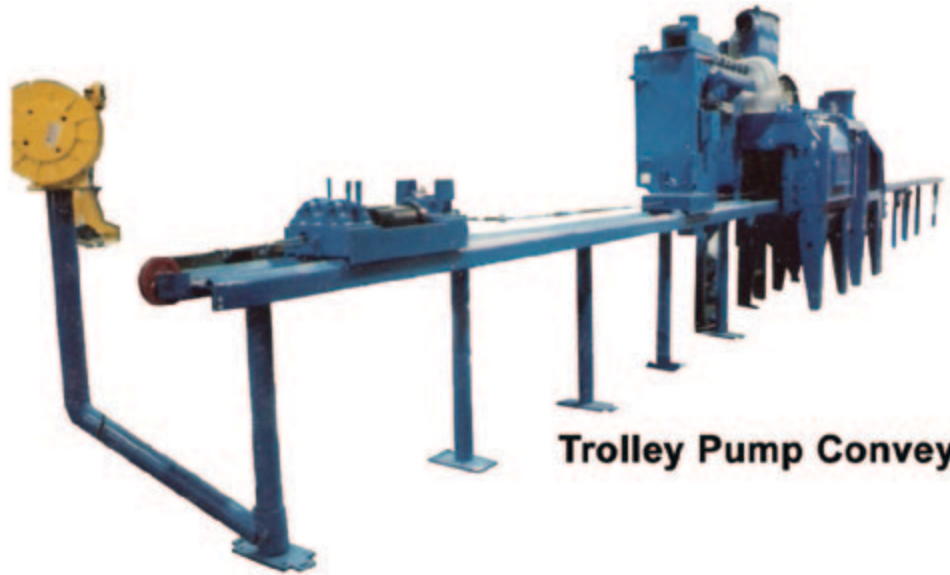


Trolley Style Work Positioner Cart



Work Trolley

Work cart rotates work and separate gearmotor pulls cart to easily vary travel and rotation speed separately.



Trolley Pump Conveyor

Airblast Cabinet with In-line Thermal Spray Cabinet

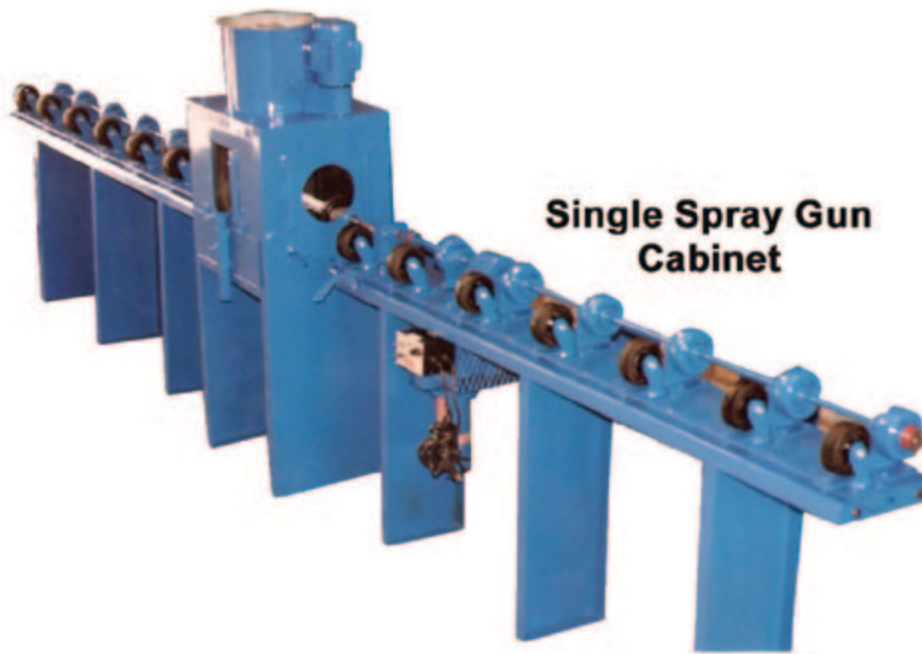
Work cart runs work through blaster and in-line thermal spray cabinet.

Airblast uses abrasives like Aluminum Oxide for special finishes prior to thermal spray.



Air Blast and Thermal Spray Cabinets

Compact Thermal Spray Cabinet



Single Spray Gun Cabinet

Heavy Duty Airblast Cabinet



Airblast Anchor Pattern

Blast cabinet for larger work uses heavy walls, a bucket elevator to reduce recycling wear, a pressure blast pot for abrasive flow and velocity control, an airwash separator to separately control the separator process and an automatically cleaning dust collector. Cabinet used to prepare more compact work for thermal arc spray.



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