



INDEXING PRECISION CLEANING SYSTEM

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To ensure effective cleaning and draining, parts are picked up from the belt and rotated past precision-aimed nozzles.



INDEXING PRECISION CLEANING SYSTEM

MODEL # MBCW 12 × 12-4W-2R-BO-SS

Scope

Customer	Tier 1 Supplier of fuel system components
Workpiece	Hydraulic accumulator block
Application	Cleaning parts after machining prior to thermal de-burr
Production	20 parts/hour
Cleanliness	6.5 mg per part through 5-micron filter. Maximum particle size 250 × 125 micron
Dryness	Completely dry

Features

Benefits

Conveyor is equipped with special fixtures	To accurately position parts in reference to spray nozzles
Conveyor is equipped with an extended load section	Allows operator to load multiple parts at the entrance of the conveyor
Nozzle arrangements using 0° and 15° spray patterns	Specifically designed to clean blind holes and cavities to remove fine chips and coolant
The part is picked off the belt and rotated on its axis..... in the wash and rinse stages	Allows for the internal cavities to be successively flooded and drained
Precision blow-off section	Air knives removes excess water on the part and dedicated compressed air nozzles blow-out blind threaded holes
High-pressure (1500 psi) 0° nozzles compliments..... standard 35 psi wash system	Ensures that deep blind holes are cleaned