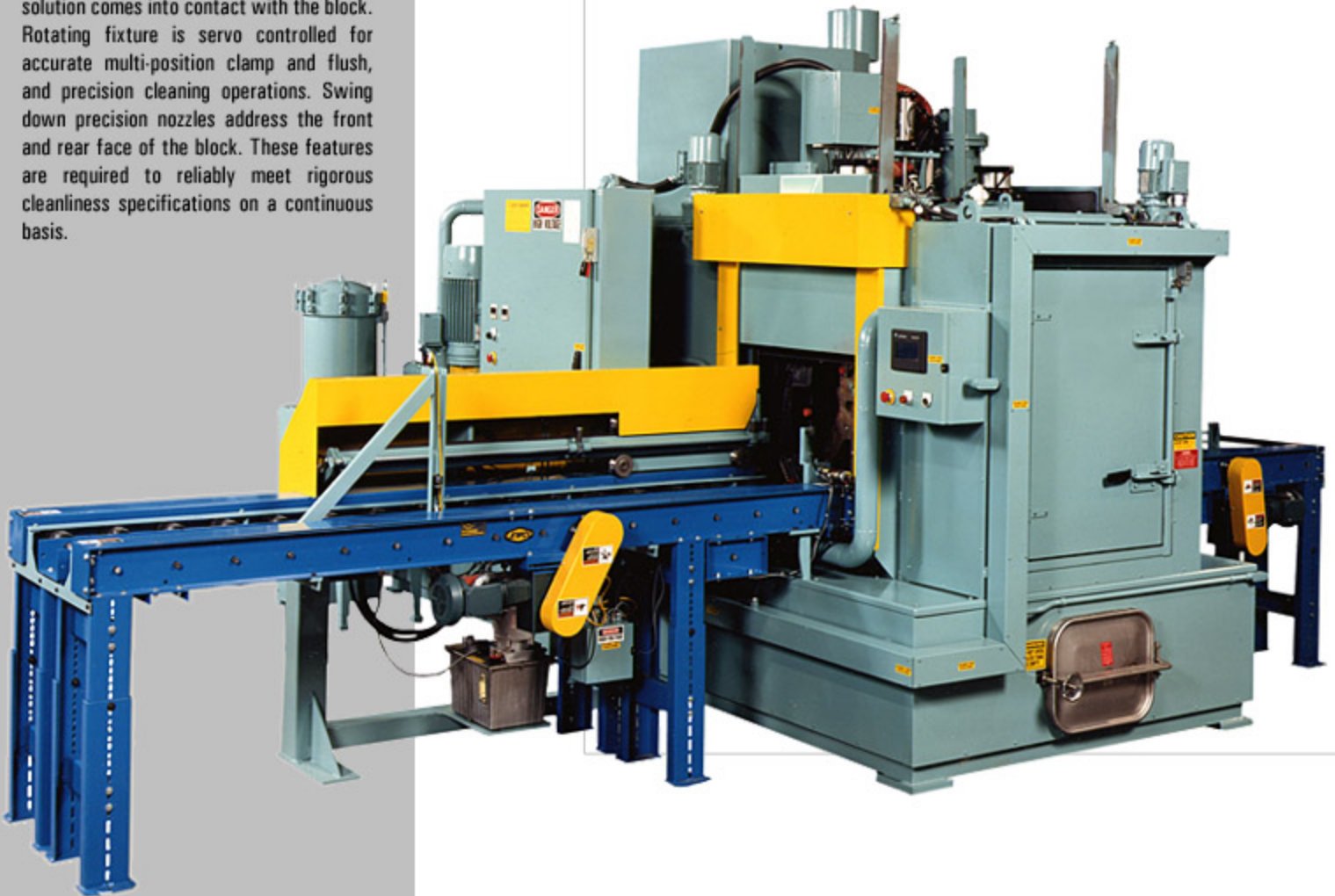


## PRECISION ENGINE BLOCK WASHER

Unlike most systems where workpieces are immersed directly into the solution tank, Proceco's innovative rotary spray immersion design ensures that only filtered solution comes into contact with the block. Rotating fixture is servo controlled for accurate multi-position clamp and flush, and precision cleaning operations. Swing down precision nozzles address the front and rear face of the block. These features are required to reliably meet rigorous cleanliness specifications on a continuous basis.



# PRECISION ENGINE BLOCK WASHER

## MODEL # SI RW-G-D

### Scope

Customer .....	Tier 1 supplier of engine blocks
Workpiece .....	CAT C9, 6 cylinder cast iron cylinder block
Application .....	Cleaning and drying after machining prior to leak testing
Production .....	Up to 10 parts per hour
Cleanliness .....	Caterpillar specification #1E2500E
Dryness .....	100% dry

### Features

### Benefits

Non-marking power and free conveyor is used to transport parts .....	No rolling or sliding metal contact with machined workpiece surfaces
Workpiece rotation .....	Provides maximum exposure to spray cleaning and blow-off nozzles, and ensures complete draining for better drying
Flooded work chamber for immersion cleaning .....	Ensures that all surfaces, including internal cavities, are exposed to cleaning solution
Chip basket .....	Remove coarse contamination from solution before it is returned to tank; reduces tank clean-out frequency
Positive flushing of passages is performed .....	Ensures precision cleaning of passages and effective chip removal from cavities
Batch type process .....	Permits individual cycle time adjustment of different stages for fine-tuning to provide maximum process efficiency
Lift-out workpiece rotator .....	Allows for retooling and easy maintenance
Large access door .....	Easy maintenance
Magnetic chip filter .....	Keeps solution free of cast iron chips
SS304 piping and filtration .....	Ensures that the toughest cleaning specs are met