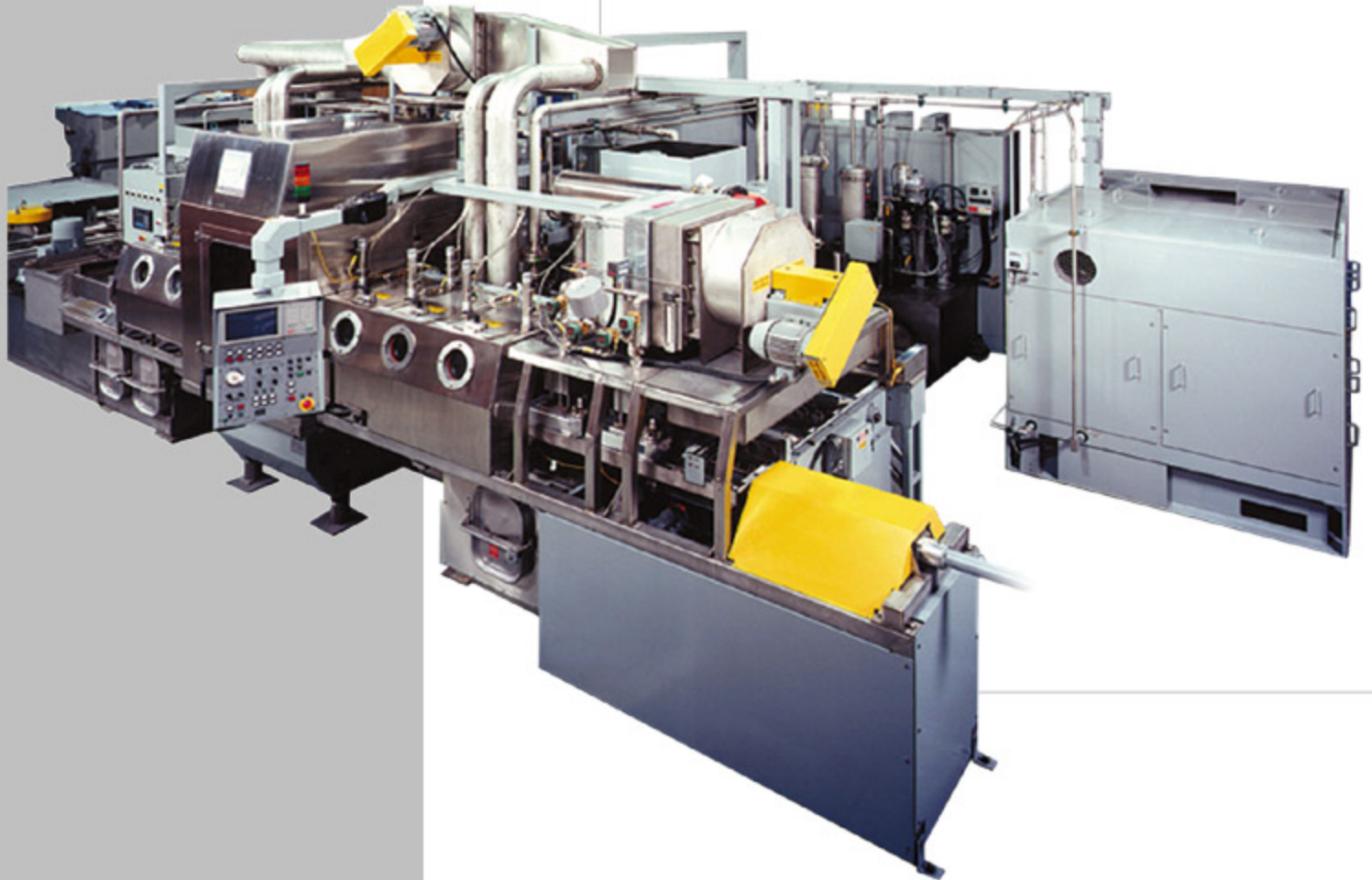




PALLETIZED PRECISION CLEANING AND DEBURRING SYSTEM

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CNC-controlled, high-pressure nozzles minimize flow requirements and maximize quality and uniformity of deburring



PROGECO[®]
Integrated Cleaning Solutions

PALLETIZED PRECISION CLEANING AND DEBURRING SYSTEM

Scope

Workpiece	Precision parts
Application	Clean, deburr and dry after lapping & prewash, prior to assembly
Production	480 parts per hour
Cleanliness	5 mg/part, 500 μ maximum particle size
Dryness	100% dry

Features

Benefits

A hydraulic operated pusher bar system indexes pallets through process stages	Provides precise, fast pallet transfer
Light curtains are installed at both load and unload station	Ensures operator safety
An inspection station incorporating a vision system and proximity sensors	Confirms that parts have been correctly loaded onto the pallets and that the corresponding pallet and workpiece are matched together
Precision-aimed high-pressure spray nozzles	Clean critical areas
Pallets have common center-to-center part spacing and clamping	No need for re-adjustment due to part changeovers
Pneumatic actuated vertical sliding doors with compressed air sealing between stages	Reduces solution carryover and floor-space utilization
PLC with operator display panel interface is used for control system	System diagnostics are readily displayed to operator
CNC Deburring Station	Ensures high precision deburring of small holes. Can be reprogrammed for a variety of parts