

Total Solution-Wash / Deburr to Part Cleanliness Assessment

Since its introduction in 1998, the Jet Clean Center (JCC) has been well received among many worldwide customers. Now, Sugino is proud to introduce a New and Improved JET CLEAN CENTER family of fully programmable modular machines and the equipment needed to support the washing and deburring process. Creating this family of modular machines responds to our customer's requests to offer total solutions for washing and deburring to final part cleanliness assessment.

Contents

Family of Versatile Washing/Deburring Machines

The series of washing/deburring solutions includes turret type machines, submerged washing technology, drying equipment, and equipment for measuring cleanliness. Improved cost performance is achieved using common components across machine types.



CNC Turret Type High Pressure Cleaning and Deburring Machine **p 4-5**
Jet Clean Center-WIDE
Jet Clean Center-SLIM

CNC Turret Type High Pressure Cleaning and Deburring Machine / List of Equipment **p 6-7**

※Special-cover specification



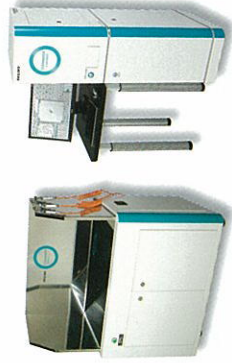
CNC Submerged Washing Machine **p 8**
Jet Clean Center-U-Jet

※Special-cover specification



Air Blow Dryer **p 9**
Jet Clean Center-BLOW
 Vacuum Dryer **p 9**
Jet Clean Center-Vacuum Dry

※Special-cover specification



Cleanliness Assessment System **p 10-11**
Residue Collecting Unit
Cleanliness Assessment Equipment "CLEANRISER"

More Options for Automation

As all machines are modular this easily allows multiple in-line machines to be loaded and unloaded using a wide variety of automation.

Improved Cycle Times

Highly effective processing and aggressive cycle times are achieved using the CNC programmability combined with quick rapid rates and turret index time of only 0.5 seconds.



Applicable to a Wide Variety of Workpieces

We offer machines that correspond or can be adapted to a wide variety of applications depending on the part size and material.

Washing Sample / ABS Valve Body

Material of work piece : Aluminum
 Pressure : 50MPa



Washing Sample / Hydraulic body

Material of work piece : Aluminum
 Pressure : 30MPa



Turn-Key Responsibility

Supplying Sugino made components including high pressure pumps creates high value customer service with single source responsibility.

Washing System Examples

JCC U-Jet
 Vacuum Dryer
 Conveyor



JCC U-Jet
 Air Blow Dryer
 Gantry Loader

