MG-4
Local Grinding Machine for SC Cavity

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All data are subject to change without notice
Details of MG-4

(1) Cylinder : [Product number : MG4-CL]
  - Outside diameter: 50 mm
  - Length: 1500 mm
  - Weight: 8.2 kg
1) Built-in pantograph drive motor
  - 5 phase stepper motor
2) Grinder head
  - Spare heads x 4
3) Grinder motor
  - DC24v-Brushless Motor
  - Spare motors x 2
4) Manual up-and-down knob
5) High resolution camera
  - 1,300,000-pixel CCD camera
6) Proximity front sensor
7) Proximity rear sensor
8) Waterworks
  - Grinding water tank
  - Cooling water tank
  - Grinding water drain tank
9) Motor Controller
  A) SURUGASEIKI 2-ch stepper motor controller:
    - X-axis: built-in pantograph drive. Handy controller
    - Y-axis: grinding water injection pump drive
  B) Grinder controller
    - Grinding time adjustment up-side-down button
    - Proximity front sensor alarm stop switch
    - Grinder motor-velocity adjustment knob
    - Lighting control knob
    - Proximity rear sensor alarm stop switch
Alignment holder: [Product number : MG4-AH]

- **Weight:** 28.2 kg

1) Shock absorber
2) Position adjustment unit
   - 6-Lock screw
   - Push pull angle adjustment screw
   - Horizontal adjustment handle
   - Vertical adjustment handle