

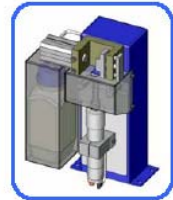
MPT

MERRITT PRECISION TECHNOLOGY

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Product Catalog

Nozzle Cleaning Stations



Wire Cutting Options



Reamer Sizes



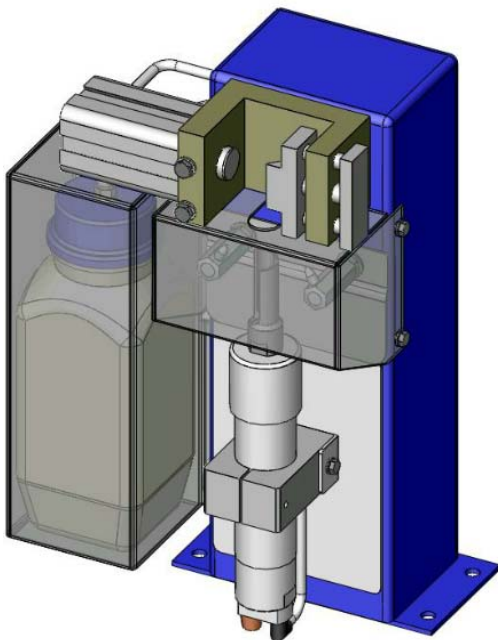
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Nozzle Cleaning Stations

BRG-2000 D

Features

- Limit switch sends signal when unclamped
- Solid reamer (many sizes available)
- Adjustable V-block fits all gas nozzle sizes
- Anti-spatter sprays through dual injection nozzles
- Anti-spatter fluid supplied by Venturi
- One liter bottle for anti-spatter fluid
- Electrical connection plug included
- Removable waste collection bowl



Technical data

- Process cycle: Pneumatic
- Control: 24 VDC
- Compressed air: 6 bar (87psi), max. 8 bar
- Air Consumption: Approx. 7 litres/sec
- Cleaning time: Approx. 3-5 sec.

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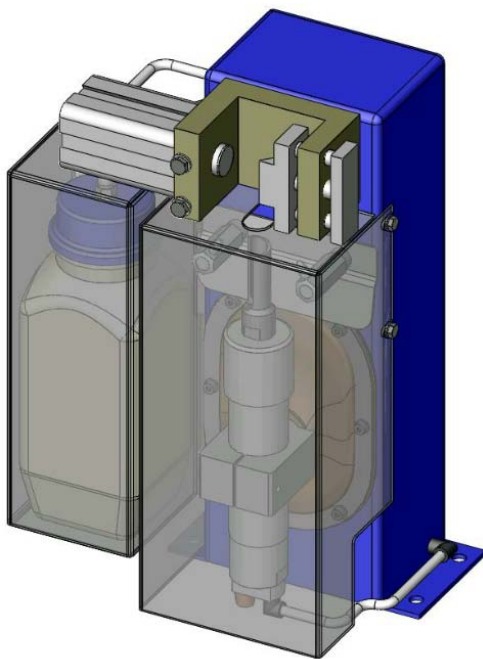
Nozzle Cleaning Stations

BRG-2005

Features

- Limit switch sends signal when unclamped
- **Limit switch sends signal when reamer is up**
- Solid reamer (many sizes available)
- **Leather motor dust protection**
- Adjustable V-block fits all gas nozzle sizes

- Anti-spatter sprays through dual injection nozzles
- Anti-spatter fluid supplied by Venturi
- One liter bottle for anti-spatter fluid
- Electrical connection plug included
- Removable waste collection bowl



Technical data

- Process cycle: Pneumatic
- Control: 24 VDC
- Compressed air: 6 bar (87psi), max. 8 bar
- Air Consumption: Approx. 7 litres/sec
- Cleaning time: Approx. 3-5 sec.

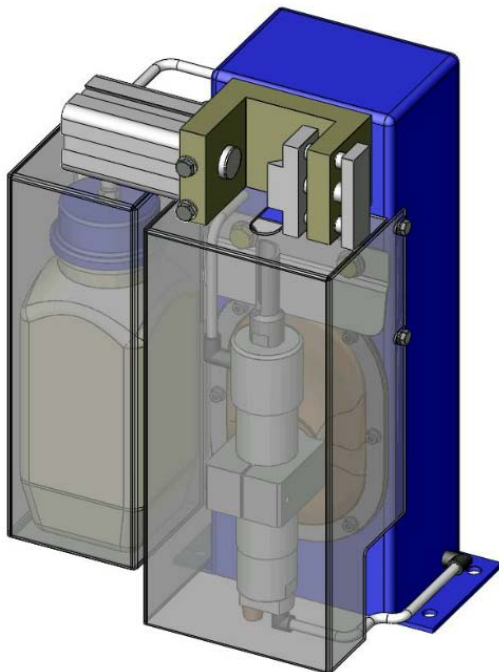
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Nozzle Cleaning Stations

BRG-2005 C

Features

- Limit switch sends signal when unclamped
- Limit switch sends signal when reamer is up
- Solid reamer (many sizes available)
- Leather motor dust protection
- Adjustable V-block fits all gas nozzle sizes
- **Anti-spatter sprays centrally through the reamer**
- Anti-spatter fluid supplied by Venturi
- One liter bottle for anti-spatter fluid
- Electrical connection plug included
- Removable waste collection bowl



Technical data

- Process cycle: Pneumatic
- Control: 24 VDC
- Compressed air: 6 bar (87psi), max. 8 bar
- Air Consumption: Approx. 7 litres/sec
- Cleaning time: Approx. 3-5 sec.

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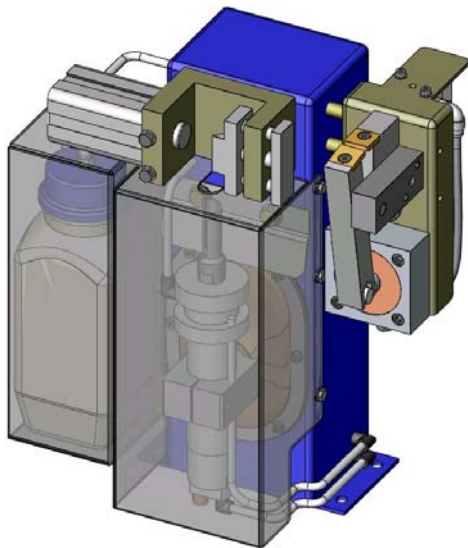
Nozzle Cleaning Stations

BRG-10

Features

- Limit switch sends signal when unclamped
- **Limit switch sends signal when clamped**
- Limit switch sends signal when reamer is up
- **Limit switch sends signal when reamer is down**
- **Limit switch sends signal when reamer is turning**
- **Liquid level sensor for anti-spatter bottle**
- Solid reamer (many sizes available)
- Leather motor dust protection
- Adjustable V-block fits all gas nozzle sizes

- Anti-spatter sprays through dual injection nozzles
- Anti-spatter fluid supplied by Venturi
- One liter bottle for anti-spatter fluid
- Electrical connection plug included
- Removable waste collection bowl



Pictured w/ DA-2000 E wire cutter

Technical data

- Process cycle: Pneumatic
- Control: 24 VDC
- Compressed air: 6 bar (87psi), max. 8 bar
- Air Consumption: Approx. 7 litres/sec
- Cleaning time: Approx. 3-5 sec.

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Wire Cutting Options

DA-2000

Features

- Mechanically actuated by roller lever valve
- Pneumatically powered
- Pressure: 6 bar (87 psi)
- Mounts to Torch-Cleaning-Station (BRG)



Wire Cutting Options

DA-2000 E

Features

- **Electronically activated by solenoid valve (24VDC)**
- Pneumatically powered
- Pressure: 6 bar (87 psi)
- Mounts to Torch-Cleaning-Station (BRG)

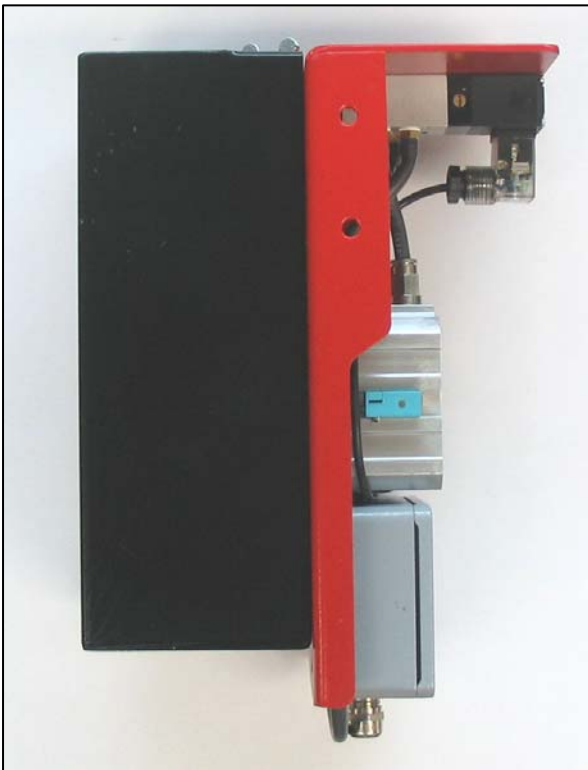


Wire Cutting Options

DA-10

Features

- Electronically activated by solenoid valve (24VDC)
- Pneumatically powered
- Pressure: 6 bar (87 psi)
- **Limit switch signals:**
 - ▶ Wire cutter open
 - ▶ Wire cutter closed (cut)
- **Removable waste collection bowl**



Reamer Sizing

Reamer Sizing



j.thielmann GmbH -Shielded arc welding torch-gas nozzle reamers				
Gas Nozzle/ID	Current Nozzle/OD	Reamer/OD	Reamer/ID	Part no.
10 mm	6mm	9.5 mm	6.5 mm	300009,5/A
11 mm	6 mm	10.5 mm	7 mm	300010/A
11mm	8 mm	10.5 mm	8.5 mm	500010/DI
12 mm	6 mm	11 mm	7 mm	300011/A/1
12 mm	8 mm	11 mm	9 mm	300011/A/2
12.5 mm	8 mm	11.5 mm	8.5 mm	300011,5/8,5
13 mm	8 mm	12.5 mm	9 mm	300012,5/9
13 mm	6 mm	12 mm	7 mm	300012/A/1
13 mm	8 mm	12 mm	9 mm	300012/A/2
13 mm	9 mm	12 mm	9.5 mm	300012/A/3
14 mm	6 mm	13 mm	7 mm	300013/A/1
14 mm	8 mm	13 mm	9 mm	300013/A/2
15 mm	8 mm	14 mm	9 mm	300014/A/1
15 mm	10 mm	14 mm	11 mm	300014/A/2
15.5 mm	10 mm	14.5 mm	11 mm	300014,5/11
16 mm	10 mm	15 mm	11 mm	300015/A
17 mm	8 mm	16 mm	9 mm	300016/A/1
17 mm	10 mm	16 mm	11 mm	300016/A/2
18 mm	10 mm	17 mm	11 mm	300017/A/1
18 mm	10 mm	17 mm	13 mm	300017/A/2
19 mm	10 mm	18 mm	11 mm	300018/A
20 mm	10 mm	19 mm	11 mm	300019/B
Custom reamers available on request				

Contacts

Contacts

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