



Robotic Torch Cleaners and Accessories



**HIGH QUALITY CLEANING
STATIONS SINCE 1985**

CLEAN-UP WITH AUTOMATION

THE LEADER IN HIGH QUALITY CLEANING

Automation Peripherals has provided the manufacturing industry with high quality cleaning stations since 1985. To further meet the automating needs in a fast-paced and growing industry of robotic welding, Automation Peripherals now offers a broader scope of products.



PART NUMBER
831.9054

TORCH REAMER

This self-contained pneumatic reamer model was designed specifically with the end-user in mind. A proximity sensor initiates the cleaning sequence when the nozzle is securely in position.

- * Simple Design
- * Pneumatic – connects to plant air
- * Easy to Install
- * Low maintenance

TORCH REAMER OPTIONS

Reamer Only		831.9056
Reamer w/Mister		831.9055
Reamer w/Snip		831.9059
Reamer w/Mister & Snip		831.9054

ADDITIONAL TORCH REAMERS



InterTech



Nasarc INTELLIREAM



Tregaskiss



Binzel

PERIPHERALS

TRAINING STATIONS

TORCH TENDER

The Torch Tender cleaning station removes weld spatter by “vibrating” the nozzle at an adjusted frequency. To promote maximum cleaning effectiveness, a built in anti-spatter mister unit delivers lubricant to the torch nozzle. Actuated entirely by robot movement, the Torch Tender is easily integrated into any robotic welding workcell.

- * Field Proven, patented product
- * Pneumatic – connects to plant air
- * Easy to Install
- * Low maintenance



PART NUMBER
TTR 100511

TORCH TENDER OPTIONS

- Torch Tender with Mister | TTR 105510
- Both Mister & Wire Snip | TTR 100511
- Hammer Only | TTR 100512



The Torch Tender with the hammer only cleaning system remains an industry favorite.

PART NUMBER
TTR 100512

WIRE SNIP

The Automated Robotic Wire Snip is recommended for applications that require precise wire stick-out (i.e. touch sensing). The pneumatic wire snip is activated by robot torch movement, making it easy to install on any new or existing robotic system.

- * No I/O required to operate
- * Robot torch initiated process
- * Easy to install
- * Handles up to 1/16" solid wire

PART NUMBER
PDA-92



The Double-Check includes a 6-meter cable plus wire diameter adapter for .035, .045 or .052 weld wire sizes. Please specify wire diameter when ordering.



DOUBLE-CHECK

PART NUMBER | DCA 100517

Improve weld quality with Double-Check

Weld torch alignment problems often go unnoticed until a part is already welded, resulting in misplaced welds that cause part quality problems. Double-Check verifies the position of the robot weld wire as often as you'd like. When an alignment error is detected, Double-Check can suspend automatic operation or notify the operator with an error message.

Patented Design * Easy to Install * Low Maintenance

ROBOT AND TORCH ALIGNMENT

Robot and Torch alignment is an enhanced and yet simpler method of managing misalignment than the typical, more complicated alignment devices. The apparatus includes a pointer that can be connected to either the robot or the tool carried by the robot. Using a previously created program the robot or the tool with the pointer is moved to a test station adjacent to the sleeve and post, and the sleeve is moved upwardly over the pointer to test for proper alignment.



TORCH ALIGNMENT



ROBOT ALIGNMENT

Part number for threaded adapter varies by torch model

TAB-008-108743
R.H. Alignment – Mastering JIG

TAB-002-101288
Alignment sleeve tube

TAB-002-101287
Alignment sleeve

TAB-006-110014
L.H. Alignment – Mastering JIG



LIFEGUARD SAFETY DOOR

LifeGUARD Safety Door is available in a variety of sizes: 24", 36", 48", 60", 72", 84", and 96"

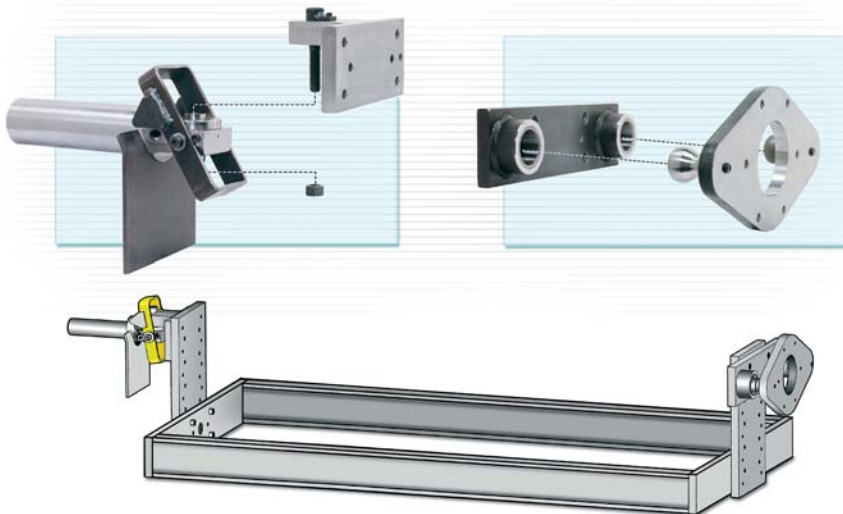
- * Shrinks workcell space
- * Free access for hoist-weight parts
- * Faster movement – providing quick access to workcell
- * Highly visible operation – motion is in operator's normal site-line
- * Available in a broad range of sizes
- * Low load height
- * Wide range of applications

ANTI-SPATTER COMPOUND



AP-356 Anti-Spatter Compound has been specially formulated for use with AP cleaning stations. Using other anti-spatter compound may cause damage to the torch nozzle.

AP-356-Q	1 QUART	AP-356-5	5 GALLON
AP-356-1	1 GALLON	AP-356-55	55 GALLON



QUICK CHANGE TOOL

- * Rapid tool change over
- * Reduces robot downtime during tooling changeover
- * Simple one-step process
- * Self-alignment system
- * Self engaging safety latch

AP's unique Quick Change Tooling design, patent pending, is ideal for any industry that has a medium-to-high mix of parts and/or high change-over applications. It optimizes machine utilization and throughput by reducing the associated down time when changing out tools.

