

BLAZING FAST CYCLE TIME!

TITANIUM NITRIDE COATED REAMER BLADES

Made from alloy tool steel and coated with titanium nitride (TiN) for enhanced durability, our reamer blades maintain their sharp cutting edge and resist breakage. Sizes for all nozzle IDs & lengths available (see below).



TESTING & DIAGNOSTIC BOX

The Torch Wizard® Reaming Station Test Box is a recommended maintenance peripheral for periodically testing and fine tuning your reaming station. Functions include: Sink/Source, Motor Slide Up/Down, Nozzle Clamp, Anti-spatter Spray, Wire Cutter. Includes 110v AC unit and both a 5 & 7 pin cable.

TORCH WIZARD® CLEANING STATIONS FULL PARTS LIST

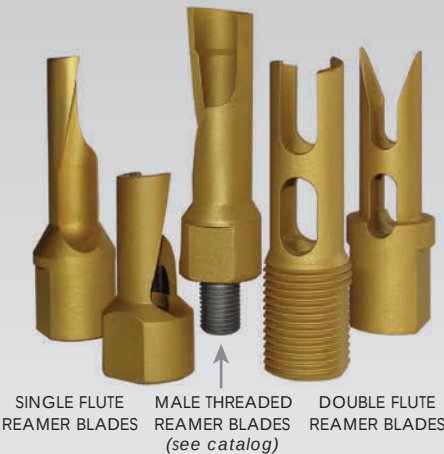
ITEM	PART NO.
Reaming Station w/integrated anti-spatter spray (7-pin model)	EL-NCS-A-16
Reaming Station w/integrated anti-spatter spray & wire cutter (7-pin model)	EL-NCS-AC-16
Reaming Station w/integrated anti-spatter spray (5-pin model)	EL-NCS-A-16-D
Reaming Station w/integrated anti-spatter spray & wire cutter (5-pin model)	EL-NCS-AC-16-D
Reaming Station w/self-cleaning air blast & anti-spatter spray	EL-NCS-A-18-SC
Reaming Station w/self-cleaning air blast, anti-spatter spray & wire cutter	EL-NCS-AC-18-SC
Reaming Station w/Ethernet, integrated anti-spatter spray	EL-NCS-AE-16
Reaming Station w/Ethernet, anti-spatter spray & wire cutter	EL-NCS-ACE-16
Reaming Station (TA) for Tandem Arc Torches, w/anti-spatter sprayer	EL-NCS-A-TA-16
All Pneumatic Station (AP), reamer only (specify nozzle diameter)	EL-NCSP
All Pneumatic Station (AP) with anti-spatter sprayer (specify nozzle diameter)	EL-NCSP-A
All Pneumatic Station (AP) with anti-sprayer & wire cutter (specify nozzle dia.)	EL-NCSP-AC
36" (914mm) Stand (custom heights available) for EL-NCS models	EL-NCS-STAND
36" (914mm) Stand (custom heights available) for EL-NCSP models	EL-NCSP-STAND
Filter/Regulator/Lubricator	EL-NCS-FRL-14
Evacuation Chute for High Volume Applications (replaces catch tray)	EL-NCS-EC
Testing and Diagnostic Box for EL-NCS Models	EL-NCS-TB
Tool Center Point	EL-NCS-TCP
Stand for Tool Center Point - 44.9" H (1141mm) from base to point	EL-NCS-TCP-F-S
Tool Center Point Mount (attaches to reaming station stand)	EL-NCS-TCP-F-R
Fanuc Tool Center Point Adapter	EL-NCS-TCP-F
Wire Cutter (included on AC & ACE models)	EL-NCS-WCS-12
Stand Alone Wire Cutter	EL-NCS-WCS-SA-12
5 Pin, 20 ft Power/Control Cable	EL-NCS-CC5-20-3
7 Pin, 20 ft Power/Control Cable	EL-NCS-CC7-20-3

TORCH WIZARD® REAMER BLADES

ITEM	DIA	FLUTES	THREAD	HEIGHT	PART NO.
Reamer Blade	13mm	2	Female	2.558"	EL-NCS-13MM
Reamer Blade	13mm	1	Female	2.687"	EL-NCS-TL-13MMF
Reamer Blade	13mm	1	Female	2.433"	EL-NCS-TS-13MMF
Reamer Blade	15mm	2	Female	2.558"	EL-NCS-15MM
Reamer Blade	1/2"	2	Female	2.558"	EL-NCS-500
Reamer Blade	1/2"	1	Female	2.687"	EL-NCS-TL-50F
Reamer Blade	1/2"	1	Female	2.433"	EL-NCS-TS-50F
Reamer Blade	5/8"	2	Female	2.558"	EL-NCS-625
Reamer Blade	5/8"	1	Female	2.687"	EL-NCS-TL-62F
Reamer Blade	5/8"	1	Female	2.433"	EL-NCS-TS-62F
Reamer Blade	3/4"	2	Female	2.558"	EL-NCS-750
Reamer Blade (AP Model)	1/2"	2	Female	2.558"	EL-NCS-500-A
Reamer Blade (AP Model)	5/8"	2	Female	2.217"	EL-NCS-625-A
Reamer Blade (AP Model)	15mm	2	Female	2.558"	EL-NCS-15MM-A

TITANIUM NITRIDE

Coated for Maximum Durability



SINGLE FLUTE REAMER BLADES MALE THREADED REAMER BLADES (see catalog) DOUBLE FLUTE REAMER BLADES



Torch Wizard® Wire Cutter

Features reversible hardened steel blade for long cutting life. Included with AC and ACE models.

STANDS AND TCP ADAPTERS



EL-NCS-STAND 36" (914mm) Stand for Torch Wizard™

EL-NCS-TCP-F FANUC TCP ADAPTER (excludes touch plate/point)

EL-NCS-TCP-FS Stand for Tool Center Point (excludes touch plate & point)

EL-NCS-TCP-F-R Fanuc® TCP Adapter Mount (excludes TCP)

OEM replacement reamer blades also available. Call customer service for correct retrofit reamers.

TORCH WIZARD®

HIGH PERFORMANCE NOZZLE CLEANING STATIONS

MADE IN U.S.A.



TORCH WIZARD® AP

ALL PNEUMATIC NOZZLE CLEANING STATION

TORCH WIZARD®

AUTOMATIC ROBOTIC NOZZLE CLEANING STATION



TORCH WIZARD®

SELF-CLEANING ROBOTIC NOZZLE CLEANING STATION



SCAN FOR PDF



TORCH WIZARD®

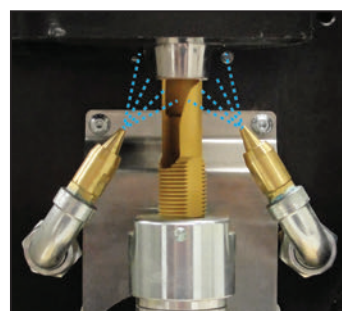
AUTOMATIC ROBOTIC NOZZLE CLEANING STATION

Torch Wizard® Automatic Robotic Nozzle Cleaning Stations assist in maintaining quality and productivity in your MIG welding cell by quickly and efficiently removing spatter build-up in the gas nozzle. Anti-spatter is applied evenly through two spray nozzles, allowing for reaming & spraying simultaneously, reducing cycle time by 50%! **Two year warranty** with exclusive use of Blue Magic® / Blue Chill® anti-spatter.

Features & Benefits:

- ▶ Extends torch consumable life by removing spatter build-up
- ▶ Sprays & reams simultaneously, reducing cycle time by 50%
- ▶ Clog-free anti-spatter sprayers evenly coat nozzle & tip
- ▶ High torque motor prevents stalls, reducing downtime
- ▶ No expensive circuit boards or belts – less moving parts for reliable, low-cost operation
- ▶ Plug & Perform 5-pin model easily integrates into existing configurations commonly used with other reaming stations
- ▶ Can spray anti-spatter only without reaming every time, optimizing cycle time
- ▶ Adjustable v-block clamp allows for all nozzle diameters
- ▶ Enclosed operating environment keeps weld cell clean
- ▶ Built tough to handle heavy duty robotic welding applications
- ▶ TiN coated reamer blades offer efficiency and longevity
- ▶ Optional evacuation chute available for high volume applications
- ▶ New EtherNet model available offers networking functionality
- ▶ Specialized model for tandem arc torches available
- ▶ Pneumatic Wire Cutters & Tool Center Points available as options

Shown with integrated anti-spatter spray unit & wire cutter



Simultaneous reaming & spraying can cut cycle time in half!



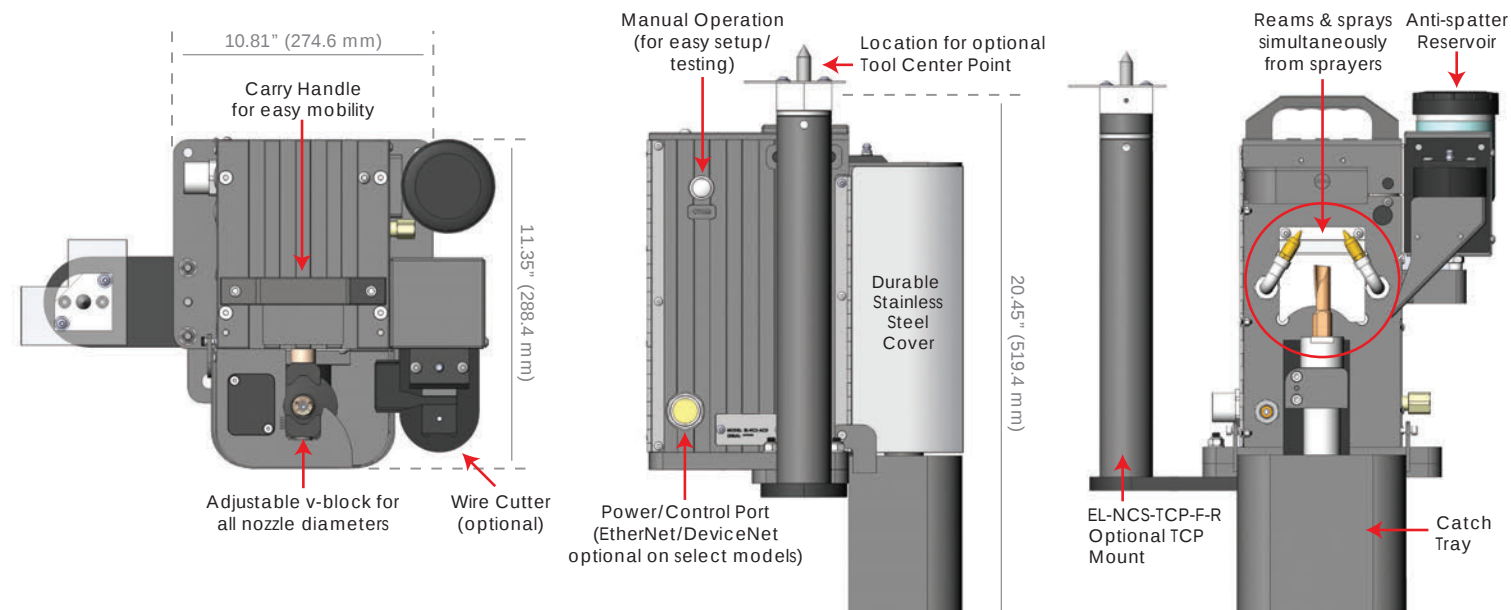
Optional Evacuation Chute

NOTE: Each base unit requires a reamer bit (based on I.D. of gas nozzle being used) and power/control cable. Required FRL is available for purchase.

TOP VIEW

SIDE VIEW

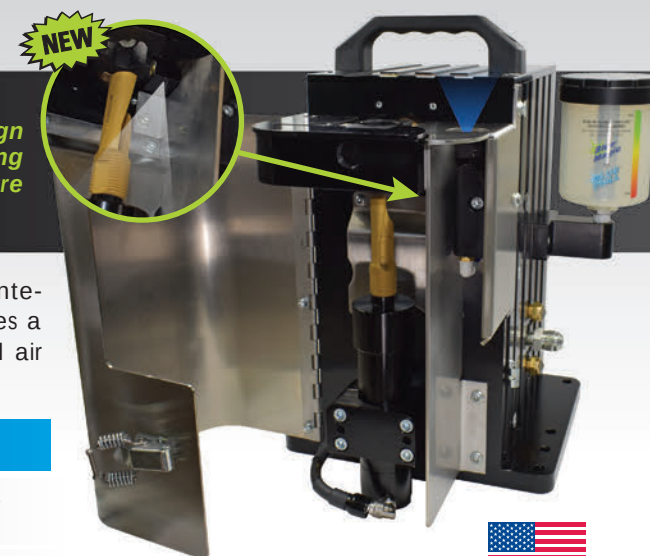
FRONT VIEW (W/O COVER)



TORCH WIZARD®

SELF-CLEANING ROBOTIC NOZZLE CLEANING STATION

Innovative design with self-cleaning air blast feature



Wire cutter, tool center point and other options available (see back page)



Features & Benefits:

- ▶ Features integrated air blast for automated cleaning of spatter and debris from the reamer motor, reducing downtime for maintenance
- ▶ Ideal for applications with a high level of spatter and other debris
- ▶ Anti-spatter applied evenly to nozzle and tip through isolated compartment, eliminating wet debris build-up on the reamer blade and motor
- ▶ No expensive circuit boards or belts – less moving parts for reliable, low-cost operation

TORCH WIZARD® AP

ALL PNEUMATIC NOZZLE CLEANING STATION

The Torch Wizard® AP Nozzle Cleaning Station features reliable all pneumatic operation, making setup and operation a breeze! Three nozzle inlets are available to accommodate virtually all torch sizes, and adjustable nozzle guides ensure consistent reaming every time. An enclosed operating environment with catch tray and drain keeps the weld cell clean. The built-in caddy on the optional stand holds a one gallon container for used anti-spatter. **Two year warranty** with exclusive use of Blue Magic® / Blue Chill® anti-spatter.

Features & Benefits:

- ▶ All pneumatic operation, ideal for either hand-held or robotic welding applications
- ▶ Three inlet sizes with adjustable guides for nozzles up to 1 1/16" (27mm) in diameter
- ▶ Sprays & reams simultaneously, reducing cycle time by 50%
- ▶ Enclosed operating environment keeps the weld cell clean
- ▶ TiN coated reamer blades offer efficiency and longevity

