

TOUGH GUN™ TT3E REAMER

ROBOTIC NOZZLE CLEANING STATION



SAME SUPERIOR PERFORMANCE.
NEW **ETHERNET**
COMMUNICATIONS
CAPABILITY!

The new TOUGH GUN™ TT3E Reamer robotic nozzle cleaning station from Tregaskiss continues to offer the same high levels of durability, serviceability and repeatability now further enhanced by digital Ethernet communications that better integrate this unit into the digital controls infrastructure of your facility.

Enjoy greater control optimization, remote monitoring capability, and faster troubleshooting of all discrete TOUGH GUN Reamer I/O functions to facilitate increased productivity in your robotic welding applications.

The TOUGH GUN Reamer is tough on spatter and operates reliably in even the harshest environments. Automating spatter removal helps extend the life of your robotic MIG guns and consumables, benefitting both your bottom line and your production uptime and throughput.



FEATURES AND BENEFITS

REDUCED INTEGRATION TIME *(compared to analog models)*

- Eliminates need for analog switch
- Reduces cabling requirements in the robotic cell by up to 2 sets
- Fewer components = fewer potential points of failure

REMOTE MONITORING CAPABILITY

- Error diagnostic and recording capability to minimize troubleshooting time
- Enables remote monitoring and troubleshooting of the I/O of each reamer function and their allowable parameters through the PLC

GREATER CONTROL OPTIMIZATION

- Discrete control enables flexibility to monitor and adjust all motions for increased productivity in your specific welding application

SCALABILITY & FLEXIBILITY

- Use the TOUGH GUN TT3E Reamer as a switch to link robots with a single Ethernet port to an Ethernet welder or other peripheral device for increased flexibility
- The base unit (configured with no options) has 6 configurable I/O, which allow monitoring or control of additional devices in the robotic cell



TOUGH GUN™ TT3E REAMER ROBOTIC NOZZLE CLEANING STATION

BUILDING A PART NUMBER:

TT3E XXXX XX X X

Option 2

TT3E (Ethernet) Series

V-Block (4-Sided)

0938 - 0.938" (23.8 mm) Nozzle O.D.
1060 - 1.062" (26.9 mm) Nozzle O.D.
1106 - 1.106" (28.1 mm) Nozzle O.D.
1000 - 1.000" (25.4 mm) Nozzle O.D.
0850 - 0.850" (21.6 mm) Nozzle O.D.

Cutter Blade

01 - For 5/8" Bore Standard or HD Consumables
04 - For 1/2" Bore Standard or HD Consumables
05 - For 1/2" Bore TOUGH ACCESS™ Consumables
10 - For 5/8" Bore TOUGH ACCESS Consumables
13 - For 3/4" Bore Standard or HD Consumables (600 amp TOUGH GUN Robotic Water-Cooled)

Option 1

S - Sprayer (Standard)
W - Sprayer + Wire Cutter

A - Air Blast (Dual)
B - Air Blast (Dual) + Lubricator
G - Air Blast (Dual) + Filter / Regulator
H - Air Blast (Dual) + Lubricator + Filter / Regulator
L - Lubricator
Q - Filter / Regulator
R - Lubricator + Filter / Regulator
Z - No Option 2

NEW!!

Pair your
TOUGH GUN TT3 Reamer
with a factory-installed Lubricator
plus TOUGH GARD™ Anti-Spatter Liquid
for an extended warranty!

Visit Tregaskiss.com/ReamerTT3E
to learn more.

SPECIFICATIONS

Rated Voltage	24 VDC
Operating Voltage	±10% of rated voltage
Power Consumption	Max. wattage in operation 5.3 W
Air Requirements (minimum)	80 to 100 PSI (5.0 to 7.0 bar) at 16 CFM (7.5 L/s)
Air Motor (at min. air requirement)	Stall torque at 80 PSI (5.5 bar) = 83 in.-lbs. (9.4 Nm)
Weight	≈ 50 lbs. (23 kg)*
Product Dimensions (L x W x H)	13.5" x 11.25" x 21" (343 mm x 286 mm x 534 mm)*
Dedicated Motor Lubricator	Optional*
Wire Cutter	Optional*
Filter / Regulator	Optional*
TOUGH GUN Reamer Stand	Sold Separately*
TOUGH GARD™ Anti-Spatter Multi-Feed System	Sold Separately*

*The optional features are sold separately or added as options when ordering, and can change the weight and physical dimensions of the product.



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www.tregaskiss.com

Tregaskiss is an industry leader in the development
and manufacture of robotic MIG welding guns,
peripherals and welding consumables.

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