Rush Machinery
Grind better.

Convenient HMI Operator Console

Automatic Pneumatic Clamping

Flood Coolant System



Fully Enclosed

Fast Cutting Time

Automatic or Manual Cutting Cycle

RushCut

Semi-Automatic Cut-Off Machine

Quick and easy cutting of carbide/HSS rod and tool ends

The new **RushCut** is a fully enclosed semi-automatic cut-off machine. Use the RushCut for quick and easy cutting of carbide rod and tool ends with diameters between 1/8" (3.175 mm) to 1-1/4" (31.75 mm).

It's also great for high speed steel. The RushCut has air actuated work piece clamping and an adjustable PLC controlled stepper motor with a joystick override for manual positioning/feeding. Built in the USA.

Features and Options:

- Custom work holding upon request
- Fast cutting time

IMTS 2026
Booth 237233

www.rushmachinery.com • Since 1983
(800) 929-3070 • + 1 (585) 554-3070 • mail@rushmachinery.com

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Technical Specifications

	RushCut
Machine Weight	800 lbs. (362kg)
Crated Weight	1125 lbs. (510kg)
Machine Dimensions (L x W x H)	48” L x 34” W x 56” H
Crated Dimensions (L x W x H)	48” L x 48” W x 72.5” H
Base Construction	Fabricated
Enclosure	Fabricated
Spindle Motor	3 HP
Motor: RPM Range	1750-2600 RPM
Documentation	Instriction and parts manual
	One-year Limited Warranty
	Supply Requirements
Electrical Volts	200-240V, 50/60Hz
Electrical Phases	3-Phase
Electrical Amps	15A
Coolant	Water with rust inhibitor or oil
Compressed Air Requirement	80psi and 5cfm
	Capacities & Performance
Materials	Carbide and HSS
Material Loader	By hand
Minimum Diameter	0.125” (3mm)
Maximum Diameter	1.250” (32mm)
Minimum Length	0.5” (12mm)
Maximum Length	Unlimited
	Finished Part Capacities
Minimum Diameter	0.125” (3mm)
Maximum Diameter	1.250” (32mm)
Minimum Length	0.080” (2mm)
Maximum Length	Unlimited

Rush Machinery *provides top quality products and service that help people grind better.*

We build and service an extensive line of production and support machines for industries that use diamond and CBN wheels and work with carbide and other hard materials.

Our proven commitment to quality, service, and innovation has made us an industry leader since 1983.

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