

Apex Machine Group



COMPLETE  
METALWORKING  
SOLUTIONS

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Apex Machine Group

EZ Grinder Model EZ150TGV

*Manual Table Grinder with Vacuum Table*



## Professional Results Without the Complexity

The EZ Grinder is a versatile manual deburring machine built for shops that need a simple, cost-effective way to handle deburring, edge rounding, and slag grinding. Instead of spending hours with a handheld grinder, operators can complete the same work three to four times faster, all while producing cleaner, safer parts. Long-life flap brushes and grinding belts extend consumable life and reduce operating costs, making the EZ Grinder not only efficient but also economical.

The EZ Grinder runs on a frequency-controlled drive, giving operators the flexibility to adjust speed for the task at hand. Whether you're removing rough burrs, edge-rounding for better paint adhesion, or grinding away slag, the EZ Grinder is a practical entry-level solution that delivers professional results. It's the kind of machine that helps manufacturers save time, reduce labor costs, and improve product quality—all in one compact package.



# Apex Model EZ150TGV (EZ Grinder)

## *Machine Configuration and Standard Features*



Click Here to See Machine in Action  
<https://youtu.be/ZJSVbBqT6jc>

- **Large 30" x 50" workbench** for flexibility with part sizes
- **Vacuum table** to keep small parts in place
- **180°rotating shaft** with locking pin enables fast, tool-free switching between a grinding pad and a brush
- **Movable two-position arm** with weight compensation for operator comfort
- **Long-life flap brushes and grinding belts** for reduced consumable costs
- **High-friction work surface** for added part stability
- **Electronic braking system** ensures the motor stops quickly for added safety
- **Integrated dust collection tray** for a cleaner work area
- **Variable-speed, frequency-controlled drive** for precise operation
- **Compact, operator-friendly design** for easy setup and use

Designed with usability in mind, the EZ Grinder includes features that make the operator's job easier and more consistent. A vacuum hold-down system keeps even small parts securely in place, while a high-friction work surface and movable two-position arm with weight compensation ensure comfort and control during operation. The large 30" x 50" workbench provides ample space for a wide variety of part sizes, and the integrated dust collection tray helps maintain a cleaner, safer work environment.

## A Closer Look...

### Push Button Controls

Operation is simple and intuitive with clearly marked push buttons for starting and stopping the machine. This ensures smooth operation and minimizes training time for new operators.

### Variable Speed Adjustment

The machine's speed is controlled by a frequency controller, allowing the operator to easily fine-tune the speed for different materials and applications. This flexibility ensures optimal performance and surface results.

### Balanced Arm Design

The arm is engineered with a counterbalance that makes it easy and safe to maneuver. Operators can work in any position with minimal effort, reducing fatigue and improving efficiency.

### Electronic Braking System

For added safety and control, the electronic brake stops the motor quickly once the stop button is pressed. This reduces downtime between operations and provides peace of mind for the operator.

### Dual-Head Design with Quick Media Changeover

The machine features a dual-head system that allows operators to quickly and conveniently run multiple processes. Each head can be quickly fitted with brushes, pads, or belts, giving you maximum flexibility to switch between applications without lengthy downtime.



# Grinding/Brush Head

## *Standard Features*

### **6" Diameter Grinding/Brush Head**

### **Brush Speed 600-1500 RPM**

### **1 Horsepower Drive Motor**

### **Multi-Process Tooling**

Tooling options support grinding, deburring, edge rounding, slag and oxide removal, and finishing. Configured to accept a wide range of abrasive media, the versatile head adapts quickly to different materials and finish requirements.

### **Adjustable Speed**

Variable speed control lets the operator fine-tune surface aggression and finish quality. Slow it down for delicate edge work or ramp up for faster stock removal.

### **180° Rotating Shaft**

A 180-degree rotating shaft with locking pin enables fast, tool-free switching between a grinding pad and a brush.

### **Starter Disc Set Included**

Ships with a curated starter set of discs for grinding, deburring, edge rounding, and finishing, so your team can begin producing results immediately.

### **Balanced Arm for Ergonomics**

The counterbalanced arm design lets operators work safely and comfortably in any position

### **Quick-Change Disc Mount**

The grinding disc mounts with Velcro® for rapid media changes. Swap discs in seconds to keep throughput high and machine downtime low.



## Available Options



### Shipping to Customer

It is often more economical for you to arrange for the pickup of your new Apex machine with your preferred freight carrier. We are happy to work with you to make the arrangements for pickup. If you would like us to make freight arrangements for you, we can do so through one of our preferred carriers. Please call for a quote as costs frequently change, and freight quotes are typically only good for a few weeks. All of our machines are sent FOB Origin.

Call for Quote



### On-Site Machine Start-up and Operator Training

An Apex Service Technician will travel to your facility to verify that your machine is aligned and operates properly. After ensuring that your machine is dialed in and ready for production; our technician will train your operators and maintenance staff to help them understand the capabilities of your new machine, as well as, best practices and procedures for their respective duties.

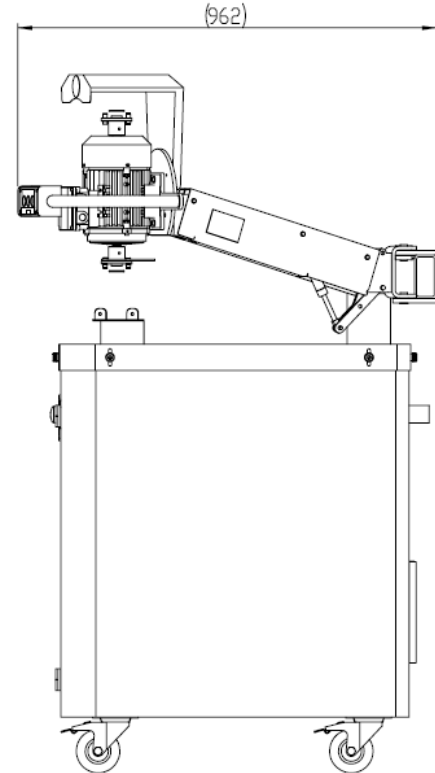
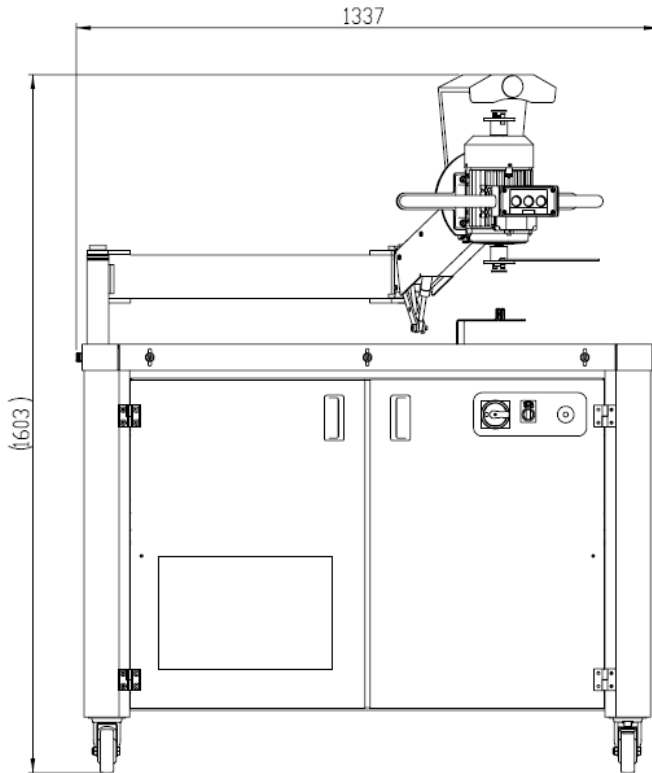
\$4,750.00



# Model EZ150TGV

## Technical Specifications

### EZ Grinder Dimensional



Footprint: **38" L x 53" W x 63" H**

### Machine Specifications

Brush Head Diameter:	150mm (~6 in.)
Main Drive Motor:	1 HP
Vacuum Bed Motor:	2.5 HP
Brush Speed:	600-1500 RPM
Shipping Weight:	~595 Lbs.

### Utility Requirements

<b>Electrical</b>	Voltage:	230V or 460V*
	Phase:	1 or 3 Phase
	Frequency:	60 Hz
	Full Load Amps:	25 FLA (230V-1)
		16 FLA (230V-3)
		8 FLA (460V)

### Part Processing Limitations

Max Width:	50"
Max Thickness:	5"
Min. Length**:	30"

#### Notes:

\* Machine is NOT dual voltage and will be wired either 230V -OR- 460V. Conversion requires the purchase and installation of additional parts.