

# Prep/Master Jr. Floor Grinding Machine



**Brand:** Substrate Technology, Inc.  
**Weight:** 455.00lb  
**Dimensions:** 50.00in x 23.00in x 48.00in

## Short Description

- ***Our customers' favorite little grinder!***
- Heavy head pressure for a better grind and polish — 60% of its weight is on the head!
- Ideal for residential, garage, and basement projects up to 1,000 SF (100m<sup>2</sup>)
- Electric motor: 7.5 HP (5.6kW)
- Easy disassembly of machine into two sections for easy transportation into hard to reach locations

## Description

### Prep/Master<sup>®</sup> Jr. Floor Grinding Machine (Electric)

#### Ideal for Polishing Projects up to 1,000 SF (100 M<sup>2</sup>)

***Our customers' favorite little grinder!*** The Prep/Master<sup>®</sup> Jr. floor grinding machine by STI works extremely well in small, hard-to-reach areas that requires a more compact design — perfect for residential garage floors and basements.

This grinder is very aggressive, yet extremely easy to operate due to the smooth operation of the STI rotary gear system. In addition, the low price of the Prep/Master Jr. is very affordable and fits any project budget.

- Working width: 23 in. (58cm)
- 7.5 HP (5.6kW)

- 220-240V Single Phase, 40A
- 450 lbs. (204 kg) including pocket weights
- 2 tool plates (included)
- Uses 6 tools

## Special Features

- Heavy head pressure for a better grind and polish — 60% of its weight is on the head!
- Magnetic LED Light to illuminate front of machine or behind machine on the cutting path
- Easy disassembly of machine into two sections for easier transportation (Grinding head = 260 lbs. / Handle = 130 lbs. / Two Pocket Weights = 30 lbs. each)
- Screw-in Carrying Poles for two-three person lifting
- 8-gallon (30 liters) water tank
- On-board USB Charger & Phone Carrier

## Videos

### Main Features of the Prep/Master Jr. Floor Grinding Machine

---

### How to Assemble and Disassemble the Prep/Master Jr. for Easier Transportation

---

### Head Pressure Matters! Why the Junior is superior to other smaller floor grinders.

## Specification

Item Numbers	
Item #	823752201
Machine Specs - Electric	
Coverage	Up to 1,000 SF (100 m <sup>2</sup> )
Power Source	220-240V Single Phase, 40A
Motor	7.5 HP, Variable Speed Drive (5.6kW)

Dimensions	50 L x 23 W x 48 H in. (127 x 58 x 122 cm)
Working Width	23 in. (58cm)
Weight	450 lbs. (204 kg) including pocket weights
Tools RPM	250-500 RPM Variable
Tools Attachment Style	EG Proprietary Attachment System
Vacuum Hose Connection	2 in. (50 mm) sold separately
Recommended Vacuum	PM3003AR
<b>Production Rates</b>	
Mastic Removal	200 SF (20 m2) per hour
Thin Set Removal	200 SF (20 m2) per hour
+/-25 Mil Coatings	200 SF (20 m2) per hour
Concrete Polishing	300 SF (30 m2) per hour