

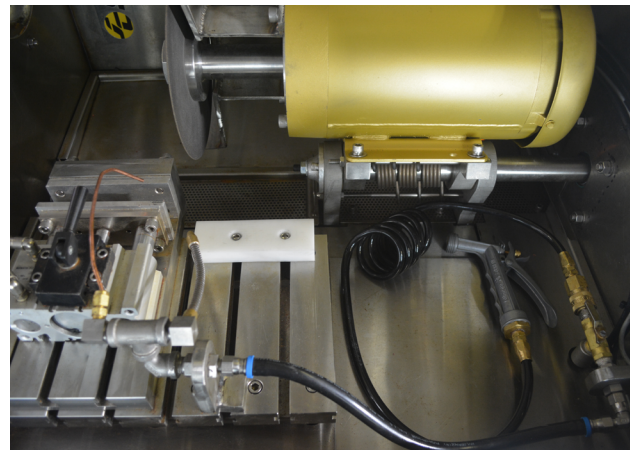


## Introducing . . . The Labmaster



### Why SaferCut®?

- Abrasive saw for laboratory applications with more attention to operator safety to reduce the risk of injury
- Designs guided by “best-practice” functional machinery safety standards including the EN Machinery Directive, ISO13849, ANSI-B11
- Dual pressure, finger safe work holding
- CutSense cutting feedback helps prevent broken wheels
- Engineered to protect your employees **and** your company



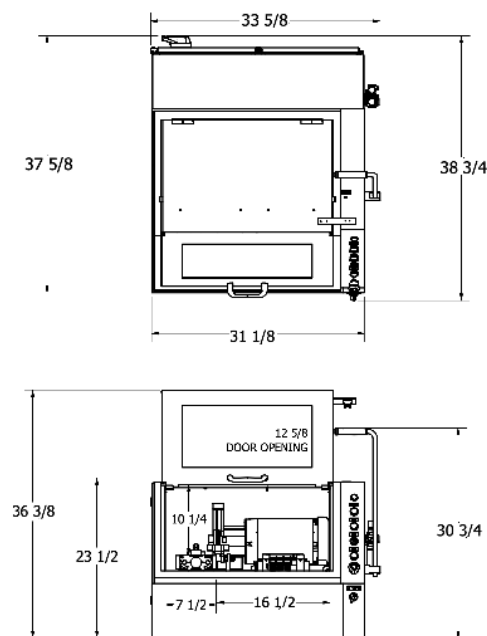
### Why LabMaster?

- Our most compact Safercut® saw for your met-lab or other clean space
- 10”/250mm, wet-cutting benchtop abrasive saw
- Integrated coolant tank and pump, standard
- 3HP/2.24kw high-torque, direct drive motor, protected by CutSense cutting load feedback
- 3x6in [76x152mm] cutting capacity
- SaferClamp finger-safe pneumatic work holding available
- Compact footprint, fits on 36” benchtop, with restriction
- A simple control panel for easy training and operation
- Lighted enclosure with wide viewing window in door
- No need for an extra stand or external coolant tank
- A safe, simple, self-contained abrasive cut-off solution



**It's Not Just a Saw, It's a Solution**

## Basic Dimensions:



## Standard Features of the Labmaster:

### CutSense

- Visual real-time cutting-force feedback for operator
- Green-Yellow-Red indicator LED flashes:
  - **Green:** when cut is within available power
  - **Yellow:** when current cut rate is nearing limits of the motor
  - **Red:** when cutting rate is exceeding the rated motor-current limits
- If excessive cutting force continues, saw will automatically shut down to protect operator, wheel, work piece, and the saw itself

### Coolant Tank

- 15 gallon capacity tank is integrated with machine base
- Integrated tank saves precious bench and floor space
- The pump is submerged, making for quieter operation
- The tank has baffles for swarf settling, and with the included wash hose, clean-out is a simple task

### Optional: Finger-Safe Pneumatic Workholding

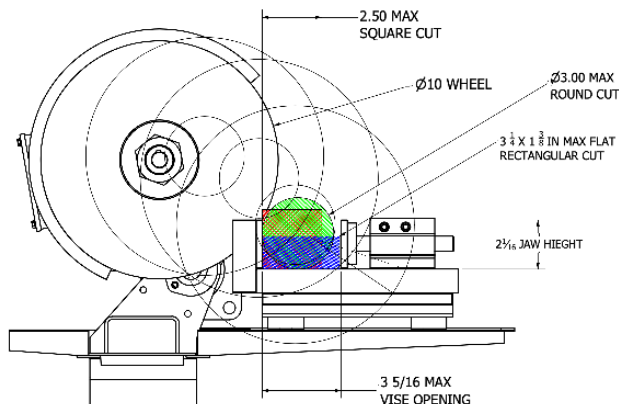
- Dual pressure work holding clamp vise
- Low pressure, finger-safe initial clamp pressure with door open
- Once doors close and lock, vise pressure automatically increases to full line pressure to secure workpiece
- Ask us about configuring a part-specific, custom SaferClamp workholding solution!

## Detailed Specifications:

Footprint	34"W x 36"D x 36.5" H [864x915x927mm]
Motor Power and Consumption	3 HP [2.24kW]/3.6 A
Electrical Requirements	480VAC, 3 Phase, 60Hz
Control Voltage	24 VDC
Main Fuse Size	15 A
Wheel Speed/Vc	3450RPM/9,000SFM/45m/s (Wet Config.)
Coolant Tank Capacity	16 gal. [60.5 liters]
Abrasive Wheel Diameter & Arbor	10x1.25in [254x32mm]
Maximum Cutting Capacity	3" [76 mm] Round, 2.5"[64mm] Square
Nominal Work Table Dimensions	14in x 8in [356mm x 200mm]
Compliance	ISO 13849, ANSI B7.1-2010/B11.0-2015, EU Machinery Directive
Lighting	Diffused LED



## Cutting Envelope:



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