

THE EXTEC LABCUT® 300 SERIES ADVANCED ABRASIVE CUTTING MACHINES



The completely new and modernized design. Available in 300 or 350 mm, features a fully transparent canopy and a spacious, customizable gridded T-Slot base. The manual oscillating movement improves cutting performance.

ADVANCED FEATURES:

- Spacious, customizable T-slot grid 16" x 12" (400 mm x 300 mm)
- Fully transparent canopy has access ports on both sides to easily handle long lengths of material
- Stationary manual vertical movement and adjusting manual oscillating movement
- Cutting chamber is illuminated by an LED strip and easily maintained with an integrated cleaning system
- High capacity (16 gallon) recirculating coolant tank

SPECIFICATIONS:

- 300E, 300B, 300F models accept up to 300 wheels (max cutting capacity 4-1/3"). 350F model accepts up to 350 mm wheels (max cutting capacity 3")
- High efficiency torque driven motor 3.8 kW, 5 hp operates at variable speeds between 1000-4000 rpm.
- 400 v, 50/60 Hz, 3 phase
- Benchtop Model: L 33" x W 25" x H 26"; 300 lb
- Floor Model: L 33" x W 25" x H 58"; 500 lb

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The Extec Labcut® 300 series of Advanced Abrasive Cutting Machines offers a variety of sizes and models. All models are powered by a 3.8 kW, 5 hp high efficiency torque driven motor that operates at variable speeds between 1000-4000 rpm. The electrical requirement for all models is 400 v, 50/60 Hz, 3 phase. An optional step-up transformer is available.

The spacious machine bed (16" x 12" (400 mm x 300 mm)) consists of a treated aluminum base and 14 interchangeable stainless steel plates. The customizable t-slot gridded base allows for a variety of clamping options.

Standard 300B, 300F, and 350F units equipped with stationary manual vertical movement and adjusting manual oscillating movement. Manual oscillating movement significantly increases performance in various ways including: increasing cutting capacity along the length of the component, reducing heat through improved lubrication, and improving yield by reducing cutting time. User experience is enhanced due to the reduction of necessary applied force. Automatic oscillating or vertical movement are optional and must be ordered with the unit.

The fully transparent canopy has access ports on both sides to easily handle long lengths of material and is fitted with a safety interlock switch to prevent it from opening while the cutting wheel is rotating. The cutting chamber is illuminated by an LED strip.

The high capacity 16 gallon (60 l) recirculating coolant tank ensures optimum lubrication and cooling by a multi-point hose system consisting of 2 stationary and 2 flexible coolant jets. The tank is fitted on wheels for easy positioning. If dry cutting is required the coolant recirculation pump can be turned off.

The base cabinet (optional on some units) is equipped with a top drawer, casters, and a pocket on the door for manuals and other documents. The recirculating tank fits seamlessly in the base cabinet.

The Labcut® 300E Economy features a standard 2 T-slot base and a canopy without ports for longer length material.

CATALOG NUMBER	DESCRIPTION
10332-B	Extec Labcut® 300B Advanced Benchtop Model with a high efficiency torque driven motor includes 10342 recirculating coolant system
10332	Extec Labcut® 300F Advanced Floor Model with a high efficiency torque driven motor includes 10342 recirculating coolant system and 10338 Extec Large Capacity Vise Set
10352	Extec Labcut® 300F 350F Advanced Floor Model with a high efficiency torque driven motor includes 10342 recirculating coolant system and 10338 Extec Large Capacity Vise Set
10331	Extec Labcut® 300E Advanced Bench Top Model with a high efficiency torque driven motor

CATALOG NUMBER	OPTIONS
10334	Automatic oscillating movement with variable speed. Must be ordered with unit. Cannot be combined with (10335) Automatic vertical movement
10335	Automatic vertical movement with variable speed. Must be ordered with unit. Cannot be combined with (10334) Automatic oscillating movement

CATALOG NUMBER	ACCESSORIES
10336	Extec Large Capacity Vise – Left
10337	Extec Large Capacity Vise – Right
10338	Extec Large Capacity Vise Set
10339	Extec Base Cabinet with drawer and manual pocket [requires 1125-10339-00]
10342	Extec Recirculating Coolant System 16 gal (~60 l) capacity with 100u filter
10348	Extec Step-Up Transformer [steps 220v up to 400v]
1125-10332-00	Extec Shipping Crate for Benchtop Model
1125-10332-F0	Extec Shipping Crate for Floor Model
1125-10339-00	Extec Shipping Crate for Base Cabinet