



## EXTEC ® Labcut 250B

### Bench-top Abrasive Cutting Machine

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**Extec's Labcut 250B** is a bench-top, manually operated abrasive cutting machine designed for cutting wheels up to 10 inch (254mm) diameter. The Labcut 250B can be used to section a wide variety of modern materials including:

- **Hard Steels**
- **Tool Steels**
- **Cast Iron**
- **Steel and Nickel Alloys**
- **Non-ferrous Metals**  
eg. **Aluminum, Brass, Titanium**
- **Ceramics**
- **Glass**
- **Composite Materials**
- **Hard metals e.g. Carbides**
- **The Labcut 250 also cuts bar and tube**

The abrasive cutting wheel is indirectly driven at 3900 rpm using a 3-phase 4 HP (3 kW) motor. An optional pulley and belt set is available for changing cutting speeds. To raise and lower the cutting head, a lever is located at the side of the canopy. A hydrocheck is fitted to the raise/lower lever so that cutting can be carried out in a smooth manner.

The machine bed is a T-slot base on which the vises are mounted. The standard machine is supplied with right hand and left hand quick action vises having 2 ½ inch (64mm) capacity. The material is clamped on either side of the cut ensuring minimum burr. Long lengths of material can be easily handled using access ports on both sides of the canopy.

A 4.4-gallon (17 l) with 55-liter/min pump circulates fluid on both sides of the rotating wheel and floods the work area. If dry cutting is required, the coolant circulation can be stopped. The coolant circulation system can also be used as a wash down facility; suitable controls for this are located on the front panel.

The electrical components are housed in a closed cabinet located behind the control panel. The front panel switching is via 24 V control circuits and therefore complies with even the most rigorous safety codes. Front panel controls include cutting head motor on/off , coolant pump on/off and internal light switch. The Labcut 250B has been designed with operator safety in mind. A timed safety switch prevents the canopy from being opened while the cutting wheel is rotating.

## SPECIFICATIONS

Motor:	4 HP (3kW) 3 Phase Motor - specify voltage
Spindle Diameter:	Maximum 1 1/4 inch (32mm) diameter
Wheel Speed:	Standard 3900 rpm
Wheel Size:	10 inch (254mm) maximum (smaller diameter wheels can be fitted)
Dimensions:	20.2" (512mm) Width x 27"(685mm) Depth x 24.4" (620mm) Height
Weight:	176 lbs. (80kg)

## ORDERING INFORMATION

CATALOG NUMBER	DESCRIPTION
10250	EXTEC Labcut 250B Abrasive Cutting Machine (includes recirculating system (10312) and left (10256) and right (10257) quick action vises)
10256	EXTEC Quick Action Vise Left
10257	EXTEC Quick Action Vise right
10312	EXTEC Recirculating Tank
<b>SPECIAL ORDER:</b>	
10251	EXTEC Labcut 250F Floor Model includes 10250 and 10258
10258	EXTEC Base Unit for Labcut 250B

 <p><b>锦贤科技</b> GENESEA TECHNOLOGY CO., LTD.</p>	<p>深圳市锦贤科技有限公司 SHENZHEN GENESEA TECHNOLOGY CO., LTD. 电话: 0755-36838322 传真: 0755-28226934 网站: <a href="http://www.gene-sea.com">www.gene-sea.com</a> 邮箱: <a href="mailto:genesea@126.com">genesea@126.com</a> Q Q: 510244122 32174454</p>
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