

L PRO AUTOMATIC ABRASIVE CHAINSAW



Self Storage

- +212 660-221468
- www.B2tsupport.com
- info@b2t-support.com

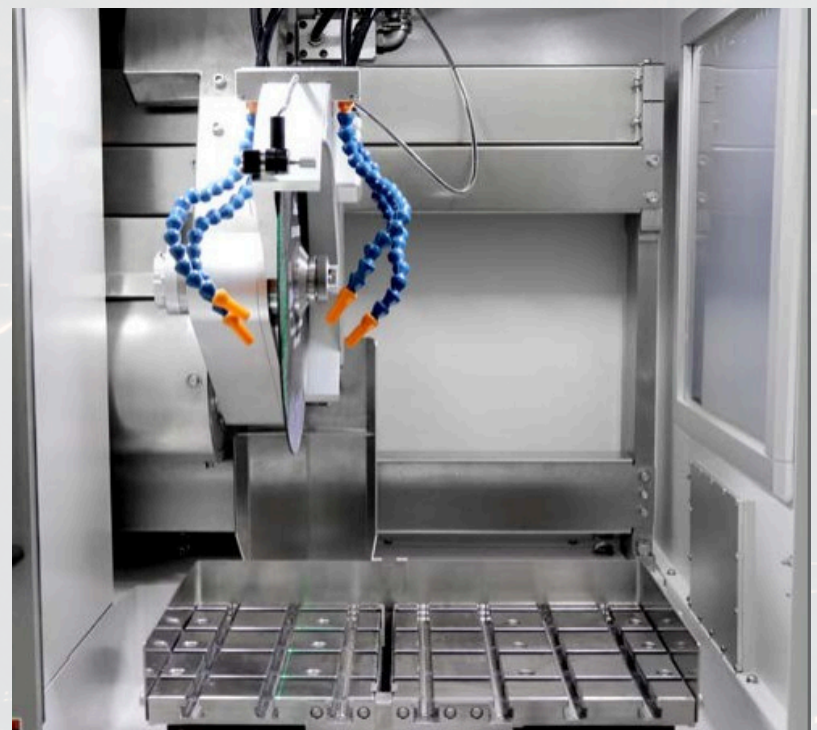
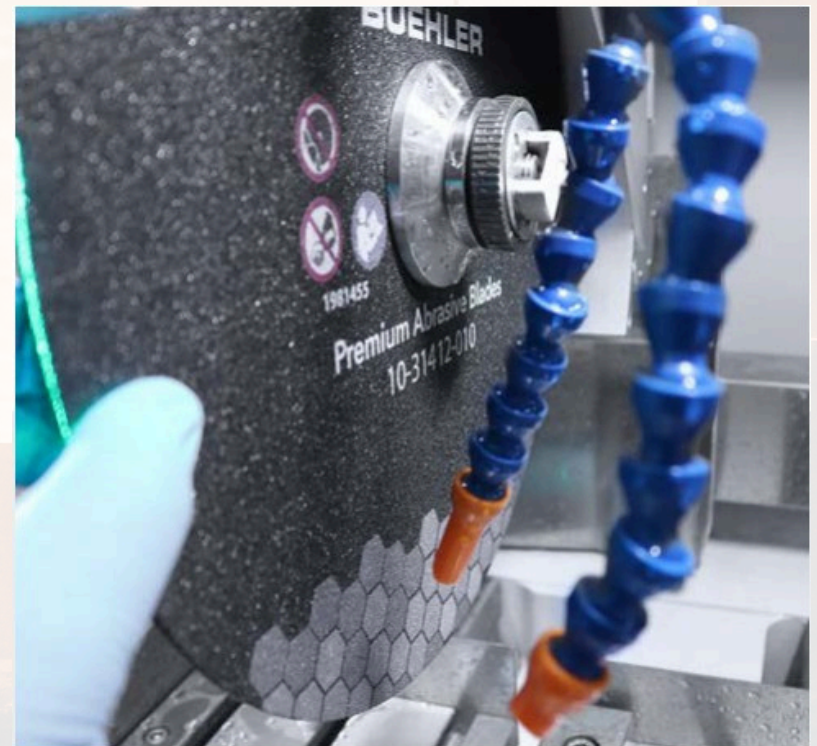
The AbrasiMet® L Pro provides consistent and repeatable cut quality for medium to large samples with programmable methods and automatic cutting. A durable design, intuitive user interface, automatic cleaning features, and a large working space make this machine ideal for demanding environments where time, quality, and reliability are key.

Tool-free wheel change

Each machine is equipped with Buehler's self-locking system, which allows the locknut to be tightened and loosened manually on the shaft. Requiring no tools and requiring little effort, it is a much safer and faster process than traditional methods.

Large chamber

Dynamic clamping table
The spacious chamber and large movement ranges on all axes make it easy to adjust and cut all your parts. The combination of these important features allows users to position the vises and samples with maximum ease and speed.



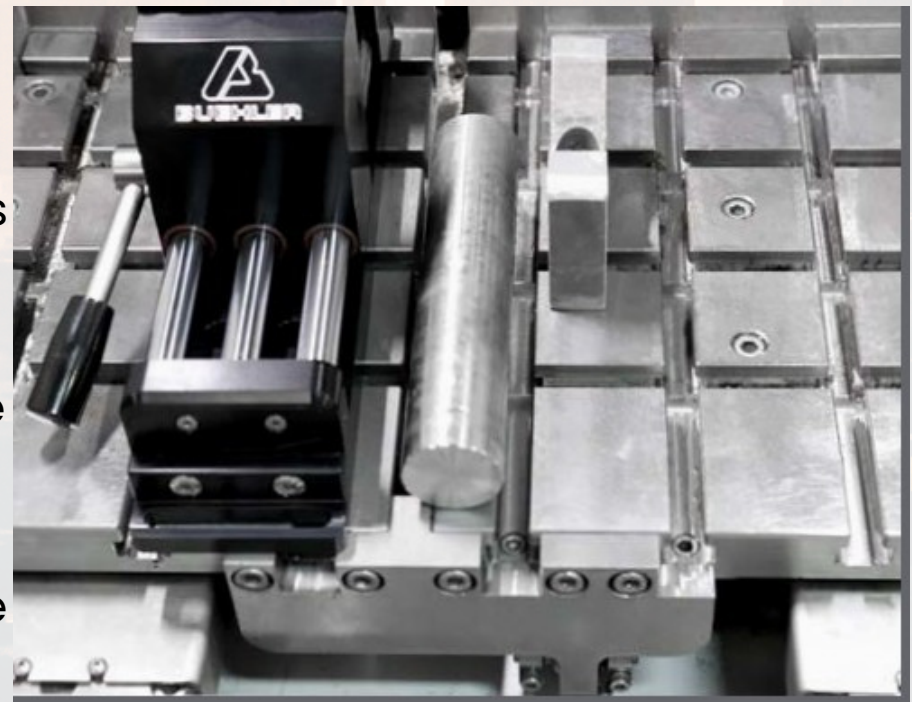
Optimal Visibility

The large glass walls at the front and on the right side provide a clear view of the samples, vises, and cut pieces. Powerful lights illuminate the entire chamber, while the laser alignment precisely indicates the cutting plane. This combination significantly reduces setup time and ensures that the cut is properly aligned before starting.



Dynamic Clamping Table

The spacious chamber and large movement ranges on all axes make it easy to adjust and cut all your parts. The combination of these important features allows users to position vises and samples with maximum ease and speed. The two-part clamping table, equipped with a central space, allows users to cut directly on the table, maintaining full cutting capacity while eliminating the risk of damage. Additionally, the T-slots on the X and Y axes significantly increase the flexibility needed to position the vises and clamp your sample.



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Part Number	Description
102830200	200-240VAC Benchtop machine
102870200	200-240VAC Floor standing machine
102830400	380-460VAC Benchtop machine
102870400	380-460VAC Floor Standing machine

Technical Specifications

Operation	Fully Automatic and Manual control		
Motor Power	5.5 hp [4kW]		
Main Power	200-240VAC	380-460VAC	
Main Current	3 Phase, 50/60Hz 26 amp	3 Phase, 50/60Hz 18 amp	
Vertical (Z) movement (Blade)	8.7in [220mm]		
Front-Back (Y) movement (Table)	9.8in [250mm]		
Horizontal (X) movement (Table)	11.8in [300mm]		
Cut Types	Vertical Chop, Y-feed, Planar, Smart Manual		
Laser	Green Laser (520nm, Class 2)		
Blade Sizes	10in [254mm]	12in [305mm]	14in [356mm]
Cut Capacity	3.4in [87mm]	4.4in [112mm]	5.4in [135mm]
Blade Speed	3000rpm	2600rpm	2100rpm
T-Slot Table Dimensions	18.9in x 11.8in [480mm x 300mm]		
Lighting	Overhead LEDs		
Chamber Width	26in [660mm] [†]		
Benchtop Machine Dimensions	Width: 42.9in [1090mm] Depth: 37.8in [960mm]* Height: 42.1in [1070mm] Weight: 926 lbs [420 kg]		
Floor standing Machine Dimensions	Width: 41.7in [1060mm] Depth: 37in [940mm] Height: 75.6in [1920mm] Weight: 948lbs [430kg]		
Recirculation /Filtration Tank Capacity	35gal [130L]		
Advanced Features	Variable Smart Cut Smart Manual Mode Automatic Chamber Cleaning Intuitive User Interface 2 Hand Operation (Open Door)		
Compliance	CE Directives		

**Depth is 33in [840mm] before control panel is installed*



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