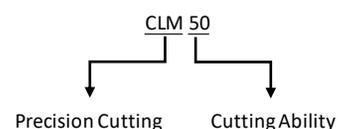


Precision Diamond Saw

PRECISO-CL Series



- Compatible with both abrasive and diamond cut-off wheels
- Precision X, Y, and Z-axis movement
- Programmable cutting parameters with home return, quick positioning, and cutting distance settings
- Cutting chamber equipped with LED lighting for clear observation throughout the cutting process
- Electromagnetic safety interlock system ensures a high level of operational safety
- Single-sided sliding platform significantly increases blade utilization (option)
- Manual rotary vise with max cutting capacity **Ø80 mm** (option)
- Longitudinal vise set for metal fasteners (option)

- Application range: Automotive, Aerospace, Academic Institutions, R&D, and Manufacturing
- Suitable for steel, iron, copper, titanium, aluminum, ceramic, spark plug, sensor, fastener, carbon fiber, and precision cutting for other small samples

Patent



Brochure



Video



Model		CLM50
Travel Distance (mm)	Feeding (X)	200 ↗
	Spindle (Z)	50 ↕
	Horizontal (Y) (Option)	80 ↔
Motor Power (w)		1500
Cutting Ability (mm)		Max Ø50
Cut-off Wheel (mm)		Ø76.2 (3") ~ Ø203 (8")
Arbor Diameter (mm)		Ø12.7 or Ø25.4
Feeding Rate (mm/s)	Auto	0.01~10
	Manual	0.01~10
Rotational Speed (rpm)		500 ~ 5000
Cutting Vise		Quick Clamping Vise Set
Standard Platform Dimension (mm)		317x210 (WxD), T-slot: 10
Horizontal Platform Dimension (mm)		195x269 (WxD)
Cooling Pump		1/8 HP 1Ø
Coolant Tank Capacity (L)		50
Coolant Tank Dimension (mm)		370x550x600 (WxDxH)
Coolant Tank Weight (kg)		40
Machine Dimension (mm)		850x850 x600 (WxDxH)
Machine Weight (kg)		166
Power Supply (V)		AC 220 1Ø
Accessories		Hex Wrench 1set, Cutting Coolant 3L
Option		Horizontal Movement Platform, Quick Screwing Vise, Quick Vertical Clamping Kit, Quick Vise Set