

Vertical Band Saw 立式带锯床

Engineered for industrial-grade metal processing, our vertical band saw features a heavy-duty steel frame that ensures ultimate stability during sawing. Equipped with a high-torque gearbox drive system, it effortlessly saws through solid steel materials up to 4300mm in length. The innovative vertical guidance system, combined with high-precision ball screws, achieves a straightness accuracy of $\pm 0.15\text{mm/m}$. The specially designed coolant circulation system extends blade life by over 30%. Ideal for precision sawing of large castings, forgings, mold steel, and other heavy materials, it is the preferred equipment for industries such as shipbuilding, mining machinery, and pressure vessel manufacturing.

我们的立式带锯专为工业级金属加工而设计，重型框架结构，确保锯切过程中的最终稳定性。配备高扭矩变速箱驱动系统，它可以轻松锯切长度高达4300毫米的实心钢材材料。创新的立式导向系统，结合高精度滚珠丝杠，实现 ± 0.15 毫米/米的直线精度。特别设计的冷却液循环系统将锯条寿命延长了30%以上。非常适合大型铸件、锻件、模具钢和其他重型材料的精密锯切，是造船、矿山机械和压力容器制造等行业的首先设备。

Sawing Blade Selection 锯条选择

LETIPTOP Sawing Blade is ideal for CNC band saws, vertical saws, and horizontal band saws. Please select the saw blade based on the workpiece you are cutting as below:
LETIPTOP锯条是数控带锯带锯床、立锯带锯床、和卧式带锯床的理想选择。请根据您要切割的工件选择锯条如下：



Select the right Vertical Band Saw for your machine workshop or metalworking business. Contact China LETIPTOP to discuss sawing solution needs.
为您的机床车间或金属加工业务选择合适的立式带锯，联系中国LETIPTOP讨论锯切解决方案需求。

- Plate, flat bar sawing
- Max. sawing length 4300mm
- Infrared ray can ensure straight sawing
- Rapid positioning and stepless sawing

- 板材，扁钢锯切
- 最大锯切长度4300mm
- 红外线可以确保直线锯切
- 快速定位和无级锯切

2/3	Cutting above $\Phi 150\text{mm}$ solid bar
3/4	Cutting $\Phi 50\text{-}150\text{mm}$ solid bar
4/6	Cutting under $\Phi 50\text{mm}$ solid bar
4/6T	Cutting thickness of wall 1-8mm pipe
3/4T	Cutting thickness of wall 8-20mm pipe
3/4H	(bundle cutting) Cutting under $\Phi 50\text{mm}$ solid bar

Technical Data 技术参数

Model 型号	Capacity 生产能力		
	Length(mm) 长 (mm)	Width(mm) 宽 (mm)	Height(mm) 高 (mm)
V4535/100	1000	450	350
V4535/150	1500	450	350
V4535/240	2400	450	350
V4535/300	3000	450	350
V4535/430	4300	450	350

Vertical Band Saw - Heavy-Duty Vertical Sawing 立式带锯床——重型立式锯床解决方案



- High-precision ball screw guide feeding – Ensures accurate and stable material feeding.
- Telescopic upper/lower guide arms – Maintains blade verticality for precise cuts.
- Chip-water separation system – Facilitates easy cleaning and maintenance.
- 高精度滚珠导向进料，确保精确、稳定的进料；
- 伸缩式上/下导向臂，保证锯条垂直度，以实现精确切割；
- 芯片水分离系统，便于清洁和维护

- Manual clamping and feeding.
- Servo feeding motor – Delivers high-precision feeding with instant response to heavy loads.
- Stepless speed control – Ensures smooth speed transitions for superior cutting surface quality.
- 手动夹紧和进给；
- 伺服送料电机，提供高精度送料，对重负荷及时响应；
- 无极变速控制，确保平稳地变速，以获得卓越的锯切表面质量；

- Flushing hose for machine wash down and auxiliary coolant nozzles.
- Cleaning brushes with coolant flush line attached.
- Oversized saw Wheels – Improves stability and cutting performance.
- 冷却液软管和辅助冷却嘴；
- 带有冷却液冲洗的清洁刷；
- 超大锯轮，提供稳定性和切割性能；

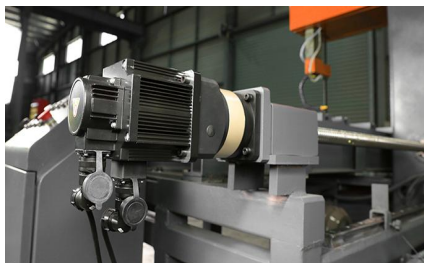
Function Description

功能描述



- Semi-automatic work.
- Open-door Power-off Switch to ensure operator safety.
- Water-proof and oil-proof closed button, more safe and durable.
- Easy-to-use touch screen interface.
- Automatic variable speed control – Adjusts cutting speed dynamically for refined sawing performance.

- 半自动控制；
- 开门断电开关，确保操作人员的安全；
- 防水防油的闭合按钮，更安全耐用；
- 易于使用的触摸屏界面；
- 自动变速控制，动态调整切割速度，优化锯切性能；



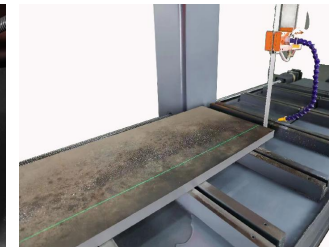
- Emergency shut-off buttons.
- Sawing variety workpiece in shape and material
- Accessories Kits.

- 急停开关；
- 适合各种形状和材料的锯削；
- 标准配件；



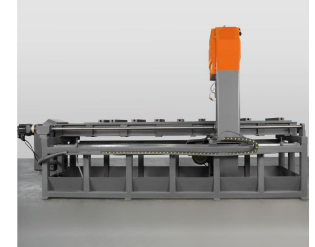
- External water pump cooling – Enhances heat dissipation for easier inspection and maintenance.
- External electrical cabinet – Convenient access for operation and maintenance.

- 外部水泵冷却，增强散热功能，便于检查和维护；
- 外置电气柜，便于操作和维护；



- Max. sawing capacity upto 4300mm in length.
- Bi-metal cutting saw blade.
- Infrared laser guide line – Provides high-visibility sawing alignment for rapid material positioning.
- T-handle Blade Tension and easy to adjust the tension.

- 最大锯切长度可达4300毫米；
- 双金属切割锯条；
- 红外激光导轨，提供高可见度的锯切对准，用于快速定位材料；
- T型锯条张紧，张力易于调节；



- Large-capacity water tank – Allows real-time water level monitoring for uninterrupted circulation.
- Adjustable multi-directional water nozzle – Optimizes coolant flow for different cutting needs.

- 大容量水箱，允许实时监测水位，使循环不间断；
- 可调多向水喷嘴，根据不同的切割需求优化冷却液流量；