

V25

- STANDARD FEATURES:**
- 25" w x 30" h Capacity
  - 60° Two Way Miter Capacity
  - 6° Canted Head
  - Heavy duty 32" Drive Band Wheel and 24" Idler Band Wheel
  - 10 Hp Motor
  - 75-350 SFM Blade Speed
  - 1½" x 21' 0.5" Blade
  - Hydraulic Blade Tension
  - Hydraulic Head Advance and Retract
  - Hydraulic Head Swing
  - Powered Blade Brush
  - Hydraulic Vises
  - Head movement along linear guides
  - Carbide guides with parallel entry rollers
  - Work Lamp
  - Articulating Control Panel
  - Blade Breakage Switch
  - 38 gallon Coolant Tank and Wash Down Hose

- OPTIONS:**
- Overhead Bundling
  - Variable Vise Pressure
  - Digital Angle Display
  - Drag Chain Chip Conveyor
  - Pop-Up Feed Roller
  - Mist System
  - 5' & 10' Idler Conveyors
  - Power Conveyors



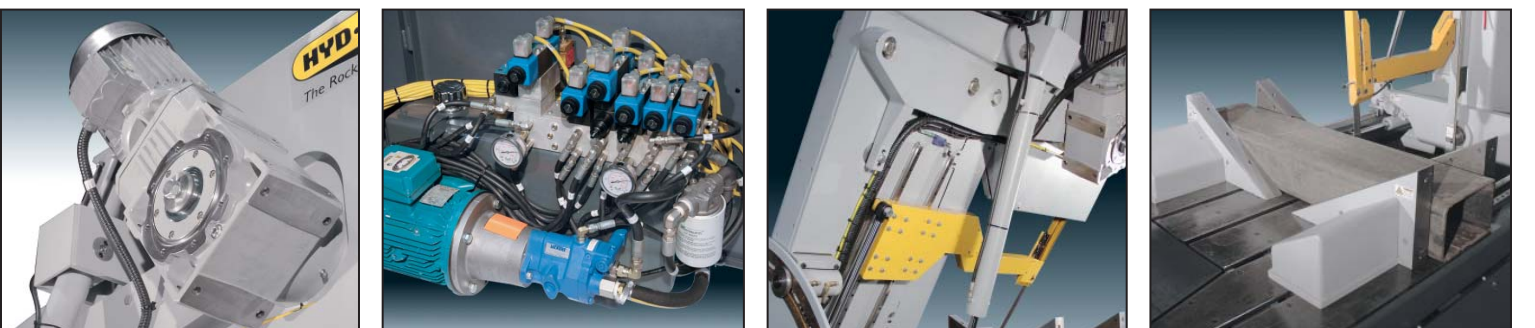
The King of Vertical BandSaws!



**6° Forward Canted Head**  
Minimizes chip load resulting in a more efficient, quicker cut and longer blade life.

**The V-25** a giant in the Vertical Band Saw World, has a rectangular capacity of 25" w x 30" h, weighs a robust 8,000 lbs and miteres 60° in both directions! Engineered to provide exceptional cutting performance and reduce material handling on larger applications, this new Rock Solid Solution also has POWER with Hydraulically driven Head Swing, Head advance and retract, plus Hydraulic Vises and Blade Tensioning.

- Blade Drive**  
Mounted on the top saw arm, a powerful 10 Hp Motor is coupled directly to a Robust gearbox. An A/C inverter provides infinitely variable band speed - 75-350 SFM. Allows for the efficient cutting of various applications.
- Hydraulic System**  
Easily accessible from the side of the machine. The system is completely identified by part tags resulting in simple and enhanced serviceability.
- Heavy Duty Guide Arms**  
Premium Cast Iron, Heavy Duty Guide Arms equipped with carbide inserts and entry rollers. The upper guide arm is Hydraulically powered, supported by two linear bearings.
- Hydraulic Full Stroking Powered Vises**  
Clamping material on both sides of the cut, the full stroke, heavy duty vises are Hydraulically powered and are remotely controlled through the control panel.



V SERIES SPECIFICATIONS		V-18		V-18 APC		VW-18		V-25			
CAPACITY	AT 90° VERTICAL	Rectangular Round	18" x 20" 17.5"	457 x 508mm 445mm	18" x 20" 17.5"	457 x 508mm 445mm	18" x 22" 17.5"	457 x 589mm 445mm	At 90° Rectangular Round Square	30" x 25" 25" x 25"	762 x 635mm 635mm 635 x 635mm
	With 6° Cant	Rectangular Round	18" x 18" 17.5"	457 x 457mm 445mm	18" x 18" 17.5"	457 x 457mm 445mm	n/a	n/a	At 45° Rectangular Round Square	21" x 25" 21" x 21"	533 x 635mm 533mm 533 x 533mm
	With Extended Head	Rectangular Round	18" x 31" 17.5"	457 x 787mm 445mm	18" x 31" 17.5"	457 x 787mm 445mm	n/a	n/a	At 30° Right Rectangular Round Square	14.5" x 25" 14.5" x 14.5"	368 x 635mm 368mm 368 x 368mm
	W/6° Cant and Extended Head	Rectangular Round	18" x 28" 17.5"	457 x 711mm 445mm	18" x 28" 17.5"	457 x 711mm 445mm	n/a	n/a	At 30° Left Rectangular Round Square	13.5" x 25" 13.5" x 13.5"	343 x 635mm 343mm 343 x 343mm
	Bundling	Rectangular Round	18" x 12" 12"	457 x 305mm 305mm	18" x 12" 12"	457 x 305mm 305mm	12" x 12" 12"	305mm x 305mm 305mm	Blade Dimensions Length Width	21' 0.5" 1.5"	6414mm 38mm
	AT 45° TILT	Rectangular Round	18" x 13" 13"	457 x 330mm 330mm	18" x 13" 13"	457 x 330mm 330mm	18" x 14" 14"	457 x 356mm 356mm	Blade Speed	75-350 SFM	23-107 m/min
	With 6° Cant	Rectangular Round	18" x 12" 12"	457 x 305mm 305mm	18" x 12" 12"	457 x 305mm 305mm	n/a	n/a	Blade Wheel Diameter	24" / 32"	610 / 813 mm
	With Extended Head	Rectangular Round	18" x 21" 18"	457 x 533mm 447mm	18" x 21" 18"	457 x 533mm 447mm	n/a	n/a	Blade Drive	10 hp	7.5 kW
	W/6° Cant and Extended Head	Rectangular Round	18" x 19" 17.5"	457 x 483mm 445mm	18" x 19" 17.5"	457 x 483mm 445mm	n/a	n/a	Table Height	44"	1118mm
	Bundling	Rectangular Round	18" x 6" 12"	457 x 152mm 305mm	18" x 6" 12"	457 x 152mm 305mm	12" x 12" 12"	305mm x 305mm 305mm	Machine Weight	9300 lbs	4218 kg
BLADE	Blade Dimensions Length Width	14' 11" 1.25"	4547mm 32mm	14' 11" 1.25"	4547mm 32mm	16" 1"	4877mm 25mm	Machine Weight	9300 lbs	4218 kg	
	Blade Speed	65-385 SFM	20-117 m/min	65-385 SFM	20-117 m/min	65-385 SFM	20-117 m/min	Machine Dimensions Width Length Height	97" 152" 123"	2464mm 3861mm 3124mm	
	Blade Wheel Diameter	19"	483 mm	19"	483 mm	19"	483 mm				
	Blade Drive	7.5 hp	5.5 kW	7.5 hp	5.5 kW	5 hp	4 kW				
OVERALL	Table Height	38"	965mm	38"	965mm	34.5"	876mm				
	Machine Weight	4500 lbs	2041 kg	7500 lbs	3402 kg	2800 lbs	1270 kg				
	Machine Dimensions Width Length Height	80" 120" 97"	2032mm 3048mm 2464mm	120" 143" 97"	3048mm 3632mm 2464mm	36" 87" 92"	914mm 2210mm 2337mm				

In line with HYD-MECH's policy of on-going product improvement, we reserve the right to modify features and specifications. Note that some options may not be available or are standard on the CE machines. Please check with your dealer for option availability.



**Conveyors**  
A complete range of infeed and outfeed tables in 5' and 10' lengths. Fully automated systems available.

**Our Rock Solid Pledge**  
promises you the best cost-per-cut solution, the latest in design and engineering technologies, only high quality components and excellent customer service for your Hyd-Mech sawing system.

**HYD-MECH**  
The Rock Solid Solution.

**HYD-MECH GROUP LIMITED**  
P.O. Box 1030, 1079 Parkinson Road, Woodstock, Ontario, Canada N4S 8A4  
toll free: 1-877-276-SAWS(7297) phone: (519) 537-2103 fax: (519) 539-5126  
[www.hydmec.com](http://www.hydmec.com) email: info@hydmec.com

DEALER:



**HYD-MECH**  
The Rock Solid Solution.

VW-18

STANDARD FEATURES:

- 5 Hp Motor
- 1" blade
- Full Stroke Hydraulic Vise
- Hydraulic Head Advance/Retract
- Carbide guides
- Powered Blade Brush
- Mechanical Blade Tensioning
- Wash Down Hose
- Blade Breakage Switch
- Work Lamp

OPTIONS:

- Overhead Bundling
- 2nd Vise
- Variable Vise Pressure
- Hydraulic Powered Head Swing
- Pop-Up Feed Roller
- Mist Coolant System
- Idler Conveyor
- Powered Conveyor
- Extended Vise Jaw Insert

Compact and effective!  
Ergonomically designed with all the main functions and set up at the front!



Note: Photos may show optional equipment.

Vertical tilt head frame Band Saws with miter cutting...

The VI8-APC Fully automatic Vertical saw features:

- Hydraulic Activated Mechanical Head Brake
- Linear Bearings on Bar Feed
- High Speed PLC encoder that monitors head angular position
- Two piece design
- Halogen Work Lamp

both 45° left and 45° right!



VI8-APC

STANDARD FEATURES:

- 7.5 Hp Motor
- 1" 1/4" blade
- 40" Single Stroke Multi Index Capability Shuttle
- Full Stroke Hydraulic Vising
- Hydraulic Head Swing, advance/retract
- Hydraulic Blade Tensioning
- Carbide guides
- Overhead Bundling
- Powered Blade Brush
- Blade Breakage Switch
- Drag Chain Chip Conveyor
- Wash Down Hose
- PLC Control
- Out of Stock Switch

OPTIONS:

- 6° Canted Head
- Extended Head
- Variable Vise Pressure
- Additional Vise
- Hydraulic Chip Conveyor
- Mist Coolant System
- Idler Conveyor
- Powered Conveyor

V-18

STANDARD FEATURES:

- 7.5 Hp Motor
- 1" 1/4" blade
- Hydraulic Vises
- Hydraulic Head Swing
- Hydraulic Blade Tensioning
- Hydraulic Head Advance/Retract
- Carbide guides
- Powered Blade Brush
- Wash Down Hose

OPTIONS:

- Overhead Bundling
- 6° Canted Head
- Extended Head
- Variable Vise Pressure
- Drag Chain Chip Conveyor
- Hydraulic Chip Conveyor
- Digital Angle Display
- Pop-Up Feed Roller
- Mist Coolant System
- Blade Breakage Switch
- Idler Conveyor



45° to 45° ... in Seconds!

The V-18 has Power!

Hydraulic Saw Head Swing, Advance & Retract, Plus Hydraulic Vises and Blade Tensioning.

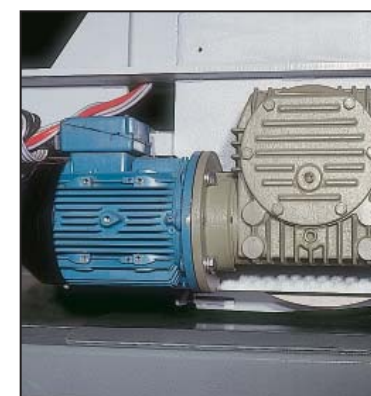
Control Panel

Articulating, ergonomic control panel swivels and locks into desired position. It can be lowered below the machine table surface allowing for unobstructed loading/unloading of material.



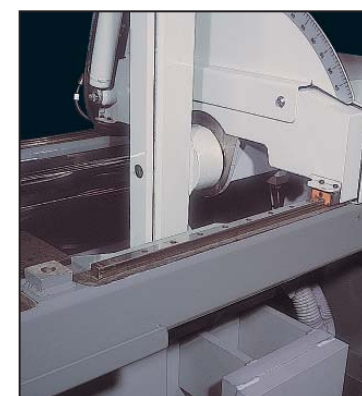
Blade Drive

5 hp motor controlled by an AC inverter drive is coupled directly to the Heavy Duty Gear box. Provides a wide range of blade speeds with minimal maintenance.



Linear Way Bearings

The saw head assembly, hydraulically positioned, is guided on linear bearings. Contributes to a very smooth and precise head movement, optimizing blade life.



Electrical/Hydraulic System

Engineered with high quality, standard components. Conveniently located at the front of the machine with a clean layout for enhanced serviceability.



Head Positioning Encoder

A High Speed Rotary encoder on a rack constantly monitors the angle position of the head, providing a high speed input for the head 90° reset.



Control Panel

Located on an articulating console, the operator enters job information through the PLC interface keypad. Includes Feed Rate and Cutting Pressure Dials, Fast Approach Lever, plus 99 job storage and Job queue function.



Shuttle

The 40", multi-indexing shuttle moves along heavy duty linear bearings designed for smooth running, low friction accurate material position.



6° Forward Canted Head

Optional Cant head minimizes chip load resulting in a more efficient, quicker cut and longer blade life.



Control Panel

Ergonomical designed control panel swivels and locks into desired position. Includes Feed Rate and Cutting Pressure Dials, Fast Approach lever, Emergency Stop Button and optional LED angle display available.



Vise

Clamping material on both sides of the cut, the full stroke, heavy -duty vises are remotely controlled via the control panel.



Linear Way Bearings

The saw head carriage is guided on Heavy Duty linear bearings ensuring rigid and precise head travel, resulting in very accurate and smooth cutting action.

