

# V-20

## WINDOWS TOUCH SCREEN CONTROLLER

Operates the automatic cycle but allows for manual operation as well. A variety of languages can be chosen for message screen display.

## OPTIONAL OVERHEAD BUNDLING

A hydraulically powered overhead clamp moves down on the material. This option is very effective, and necessary for bundle cutting various material shapes and sizes.

## EASY ACCESS ELECTRICAL PANEL

The electrical components are housed in a compartment on the front of the machine. Components are neatly laid out and labeled for easy troubleshooting.





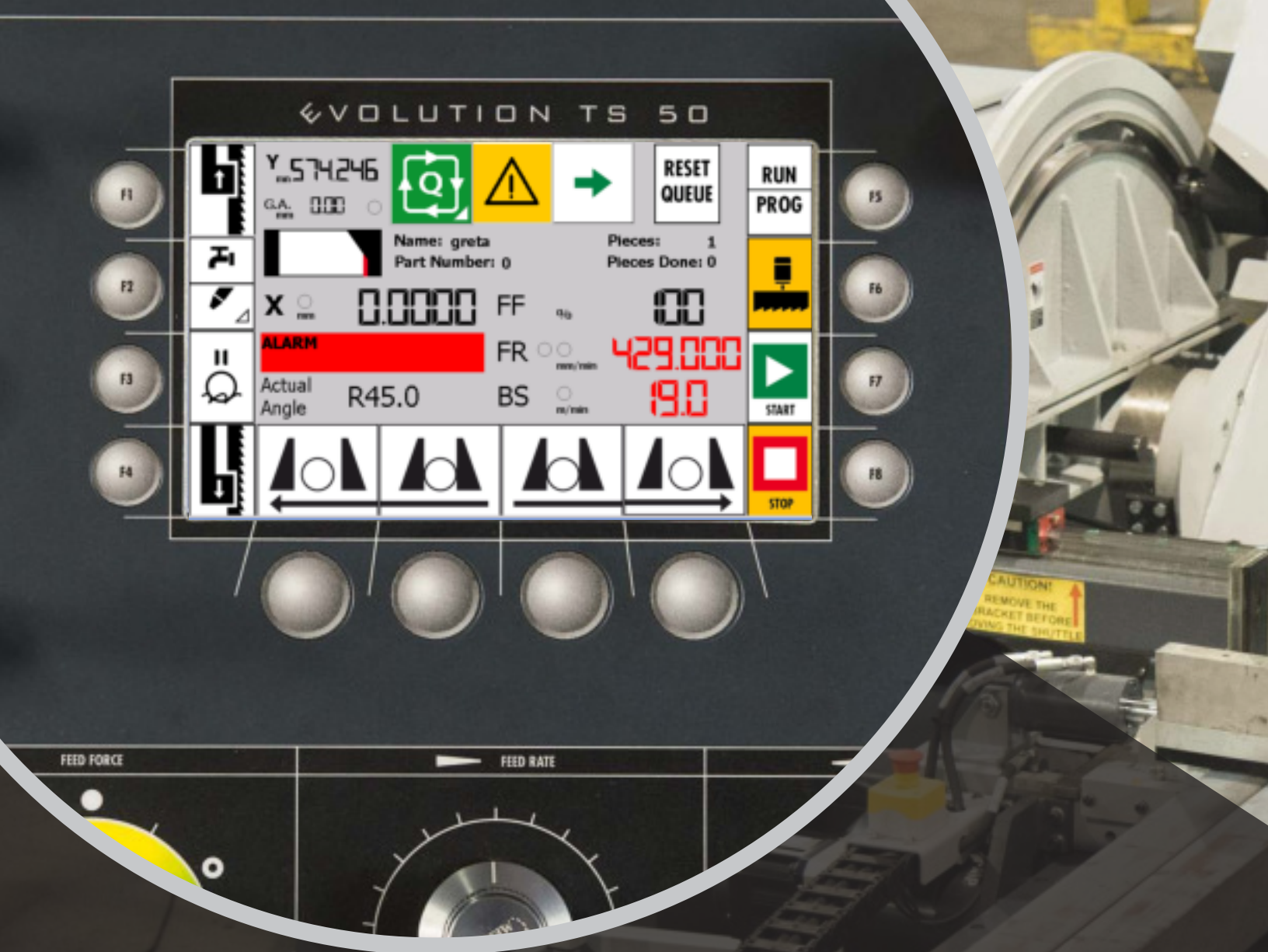
## STANDARD FEATURES

- 4° canted head allows for efficient cutting and improved blade life
- Cast iron, torsion free saw head provides durability, stiffness, and absorbs vibrations
- On-demand hydraulics save energy
- High efficiency, constant torque electric ball screw feed system
- Automatic programmable mitering with “go to” angle functionality from 60° left to 60° right
- Semi-automatic touch screen NC controller
- Two full stroking hydraulic vises
- Electronic ball screw powered, guide arm
- 10 HP VFD. True direct blade drive – no belts/pulleys
- Cast iron band wheels
- Replaceable blade brush
- Robust steel base
- Variable vise pressure
- Easy access electrical panel and hydraulics

- Electric chip conveyor
- Blade breakage switch
- Electronic band tensioning provides consistent, automatic blade tension
- Replaceable carbide guide inserts
- 2 HP hydraulic pump provides system pressure
- Safety door interlocks
- Flood coolant with wash down hose
- Laser light
- Work light

## OPTIONAL FEATURES

- Hydraulic overhead bundling
- Mist lubrication
- Tall square vise inserts
- Pop up feed roller and table
- Idler conveyors
- Powered conveyors



## WINDOWS TOUCH SCREEN CONTROLLER (V-20 AND V-20APC)

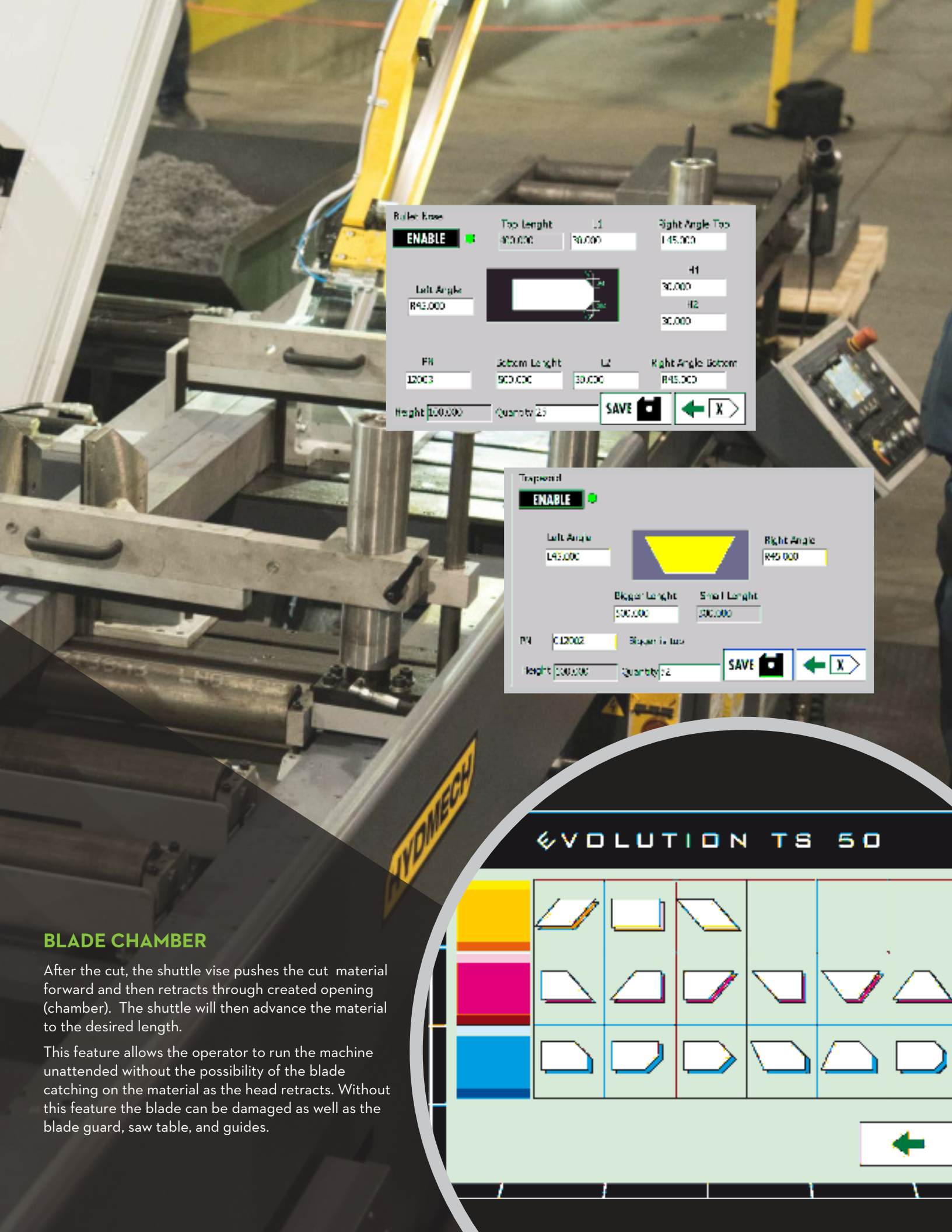
Reduce training time and operator errors with the simple and intuitive Windows touch screen controller. Switch between many pre-programmed languages and between metric and imperial forms of measurement.

It's easy to operate the V-20APC with its icon driven interface. Pre-programmed sub routines are available to easily program bullet nose cuts and other shapes. This is done visually through the use of simple material icon or shape displayed on the control (pictured right).

This controller also features blade chamber functionality. This feature allows the operator to run the machine unattended without the possibility of the blade catching on the material as the head retracts. Without this feature blade can be damaged including blade guard, saw table, and guides.

The control panel is easily upgradable via a USB port on the front of the controller allowing the machine to stay up-to-date with minimal downtime.





Blade: None

**ENABLE**

Top Length: 400.000 L1: 30.000 Right Angle Top: 145.000

Left Angle: R45.000 H1: 30.000 H2: 30.000

PN: 12003 Bottom Length: 900.000 L2: 30.000 Right Angle Bottom: R45.000

Height: 100.000 Quantity: 25 **SAVE**

Trapezoid

**ENABLE**

Left Angle: L45.000 Right Angle: R45.000

Bottom Length: 500.000 Small Length: 200.000

PN: C12002 Square Factor: **SAVE**

Height: 100.000 Quantity: 2

# BLADE CHAMBER

After the cut, the shuttle vise pushes the cut material forward and then retracts through created opening (chamber). The shuttle will then advance the material to the desired length.

This feature allows the operator to run the machine unattended without the possibility of the blade catching on the material as the head retracts. Without this feature the blade can be damaged as well as the blade guard, saw table, and guides.

EVOLUTION TS 50