

FOCUS

# SpeedMaster™ Control Panel

TECHNOLOGY FOR A SUSTAINABLE TOMORROW



The Revolutionary  
SpeedMaster™  
Control Panel  
From Vecoplan  
Gives You Complete Control  
Of Your Shredding Process!



- Continuous Process Control and Adjustment
- Higher Throughput and Higher Torque with Less Energy
- Customizable Program Setting Allows You To Adjust Program Settings To Your Specific Application.
- Self-Diagnostic Features Keep You Informed Of Every Aspect Of The Shredding Operation.
- Exclusive Turbo-Ram™ Adjustable Settings To Optimize The Shredding Process.

**Vecoplan**®

# The Revolutionary SpeedMaster™ Control Panel From Vecoplan

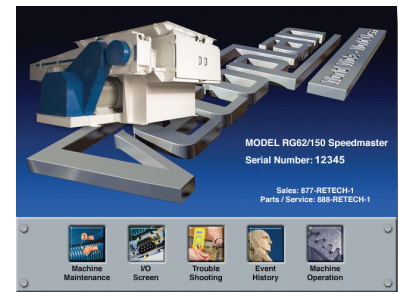
The benefits of the SpeedMaster™ are realized as a combination of improved communication and control of various shredder features, and expanded operator interface functions. The Speedmaster™ utilizes the new A-B VersaView® CE with Microsoft® Windows CE to bring together the features of PanelView™ Plus operator interface and VersaView industrial computers. The solid state hardware provides an economical solution for harsh environments, including areas with high temperature, shock, or vibration. The MicroLogix 1400 PLC is filled with features and options designed to handle an extensive range of applications. A field-upgradeable flash operating system ensures you will always be up-to-date with the latest features, without having to replace hardware.

An A-B PowerFlex AC Drive (VFD) for variable speed hydraulic feed ram is included in the SpeedMaster system. This allows ram speed to be increased by a factor of up to four, called Turbo mode.

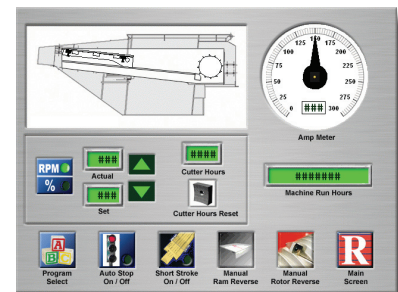
Unlike out-dated Star Delta technology, this is true electronic smart motor control consisting of a variable frequency drive (VFD), special PLC programming and an inverter-duty motor. No fluid coupling is required, as the VFD provides true "soft-start" benefits. With a speed range of 50 - 200, the cutting system maintains the optimum speed for application of the proper amount of torque instantaneously, and can be started and stopped frequently to synchronize with downstream equipment. Quick reaction of the cutting system reduces the frequency of rotor reversals, and when they do occur to dislodge a jam, the reversal cycle is minimized as compared to conventional drives.

From the VersaView interface, the following features are found and accessed:

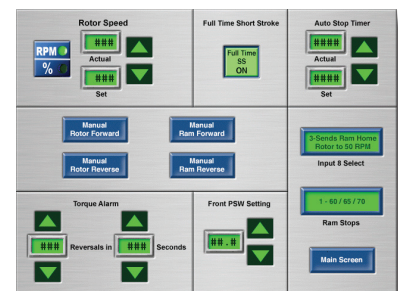
- Vivid graphics and digital animations for operation, maintenance, diagnostics and parameter settings
- All custom features found on Vecoplan's previous HMI (Human-Machine Interface)
- "Life of Machine" event history
- Ethernet port standard for remote access
- Microsoft® Windows CE operating system
- Operating manuals and parts lists in PDF file format
- Customizable program setting that allows you to adjust program settings to your specific application
- Process alarms with bypass screen. Alarms alert operator of any malfunction. Non-safety alarms can be bypassed for troubleshooting and to maintain mission-critical uptime



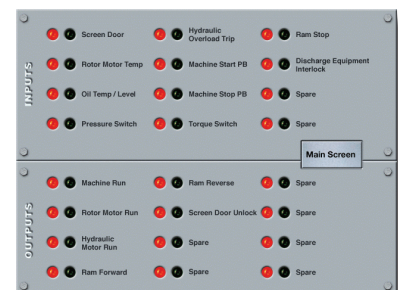
Main Screen



Machine Operations Screen



Custom Operations Screen



Input / Output Screen

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