WE22 Tricks of the trade for panel saw

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Are You Losing Time?

- Function
- Operator Efficiency
- Maintenance

Getting the most out of your panel saw







Operating Missteps

Not getting the material to the saw in time?

- Material still in the rack
- Material not presorted
- No lift table to aid in loading sheets
- Operator has to setup the material
- Incorrect material at the saw





Manual Programming

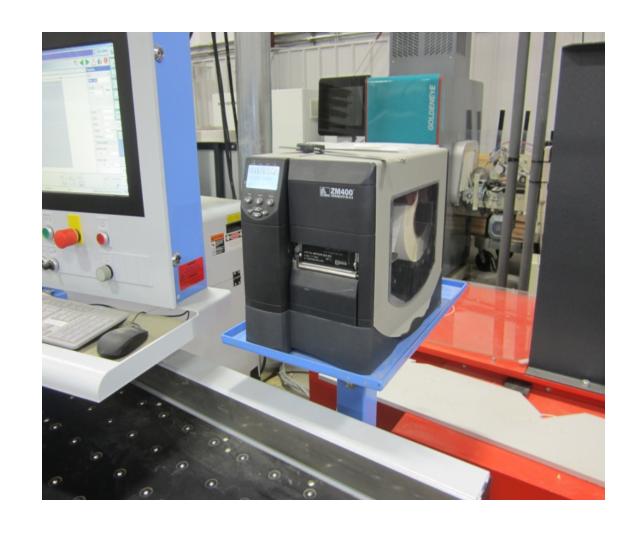
Operator has to manually program the machine instead of downloading patterns from optimization = lost throughput and increased potential for mistakes.





Label Printing

- Labels are printed just in time
- Sticking label on parts is quicker than writing on the edge of the part
- Easy to identify part else where in the factory
- Barcode for scanning secondary operation
- Part history if damaged







Taking full advantage of all machine features

Not Using the Full Potential of the Machine Control

powerTouch
Video available

program sequencing

single parts

fixed positioning

manual pattern

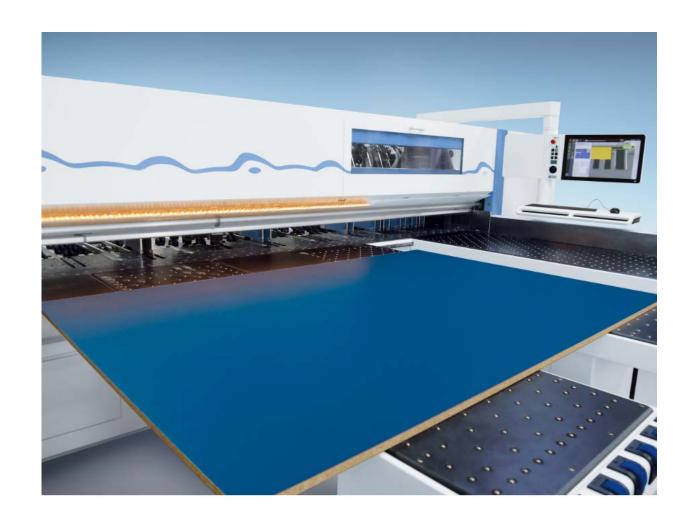
Using the best mode for the application

cut to length

Advanced features to enhance productivity

Operator Guidance through the cutting sequence

- High-definition graphics flow
- LED Guidance







More than squares and rectangles

- Automatic Grooving
- Angle Cutting
- Mitered Panels
- Sink Cutout







Not Adjusting the Trim Cut Sizes



 to prevent trims from falling into the saw carriage area

to prevent saw blade deflection

to reduce house keeping



Not Using the Auto Cutting Speed Features







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Panel Positioning

- Not positioning the new panel opposite the angular fence
- Not turning the first strip during the rip cycle
- Not positioning the cross cut strip tight against the angular fence
- Not processing the waste during the machine operation
- Not having an effective waste removal apparatus
- Not having a place to conveniently off stack parts
- Not off stacking during the rip cycle







Settings issues after changing saw blade

 Not changing the saw blade thickness parameter after changing the blade leads to finished parts inaccuracy

 Not adjusting the scoring saw to the main saw after changing blades leads to poor cut quality on the bottom sheet







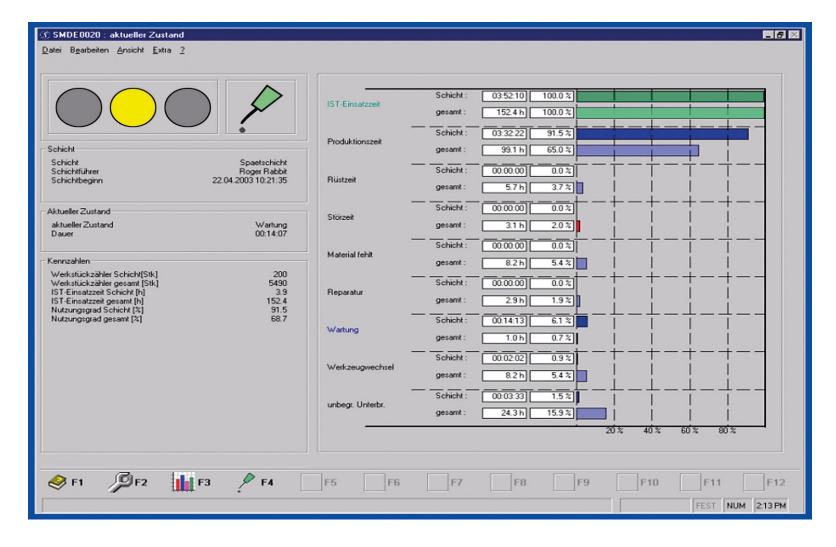
Tooling and Tool Tracking

- Not using high quality tooling
- Not knowing when to change the blades
- Not discarding blades after the original tips are beyond serviceability
- Not having sharp tooling available
- Not tracking tool life between sharpening's





Not scheduling downtime for routine maintenance







Not Performing Routine Scheduled Maintenance

- Check the clamps
- Check the pneumatic lubricator
- Check the pressure beam rubber
- Check the roller tension
- Check the saw belt tension
- Check the wipers on guideways

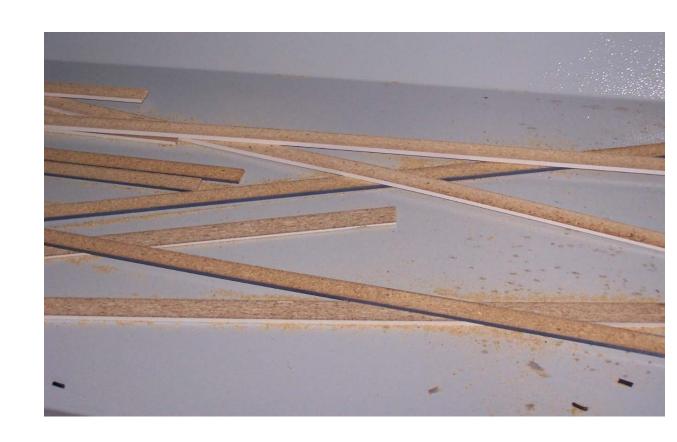






Not cleaning the machine routinely

- Trims from under the saw bed
- Electrical Cabinet Filters
- Debris from Pressure Beam
- Debris from Program fence
- Debris from Saw Carriage
- Makes up 85% of maintenance







Dust Collection

 Not having adequate dust collection causes excessive house keeping







Proper repairs

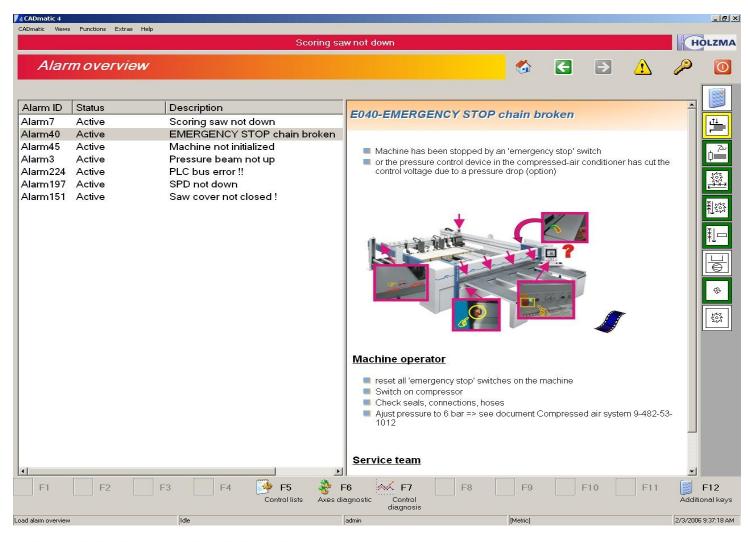


- Maintains "uptime"
- Keeps operator confidence
- Predictive throughput
- Less costly to repair along the way rather than major rebuilds





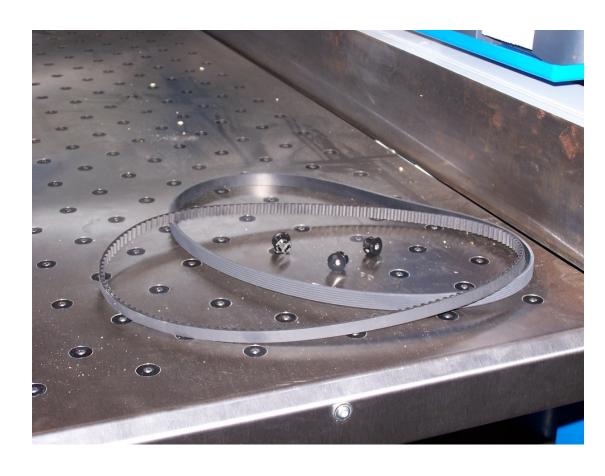
Not utilizing built in diagnostics for quick fixes







Not Having Minor Spare Parts on Hand





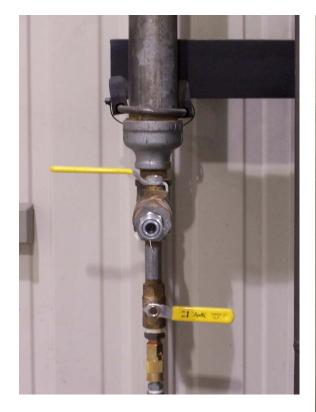






Not having proper utilities (Power/Air/Extraction)

- Large enough pneumatic supply lines to deliver the volume needed
- Need for dry air
- Proper Power Amperage supplied to the machine
- Proper dust extraction connected









In Summary

The following simple operation and maintenance guidelines will:

- Increase throughput
- Improve work flow
- Increase machine runtime

- Reduce downtime
- Improve house keeping
- Reduce part defects





WE22 Tricks of the trade for panel saws

PANEL SAWS HAVE A LOT MORE CAPABILITIES THAN CUTTING SQUARES AND RECTANGLES.

SAVING TIME WITH YOUR PANEL SAW THAT SAVES 30-45 MINUTES MORE PER SHIFT?

PANEL SAW HAVE THREE AREAS:

- 1) MATERIAL HANDLING OF SHEETS FOR LOADING
- 2) CUTTING THE PARTS
- 3) HANDLING CUT PARTS COMING OFF THE SAW

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