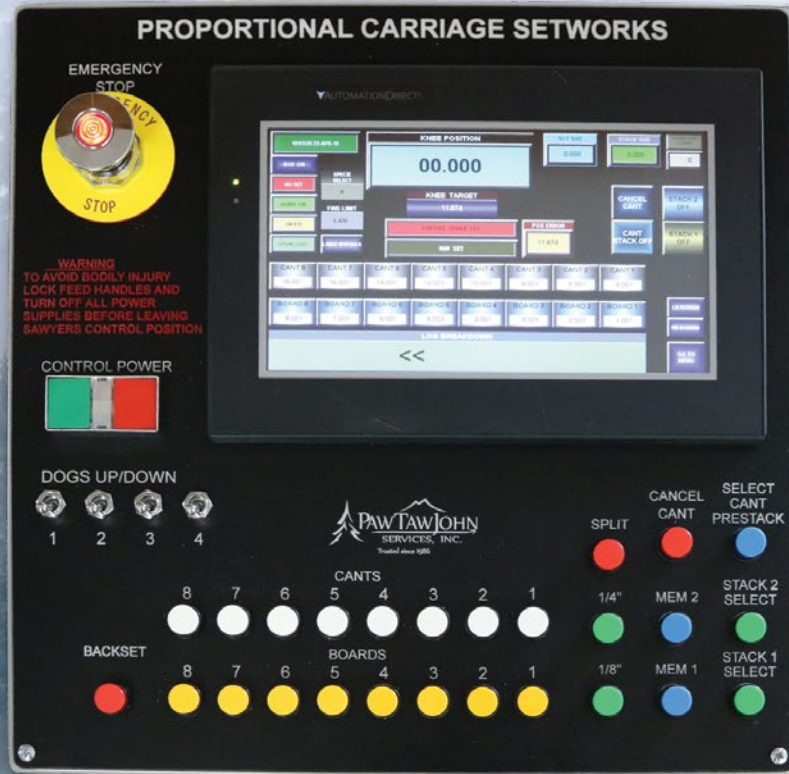


# Shaft Proportional Networks



“

*I wanted to take a minute and thank you for a job well done in getting our new Scanner and set-works up and running after the install. Production improved 15% over our cam set-works. Yield has also improved. Please thank your whole team for a job well done.*



*Bob Williams –  
The Ames Companies, Inc.*

”



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# Carriage Shaft Proportional Networks

For Hydraulic Line Shaft Carriage

## Features

- Robust design for longer operation and performance which means more uptime
- Easy installation
- Parts replacement cost much less
- Less hardware
- Capable of setting to  $\pm 0.001$

## System Operational Features

- 8 programmable board sizes per species
- 8 programmable cant sizes per species
- 8 programmable pre-stack sizes per species
- 4 species tables
- Backset ability
- Manual and face 2 and 4 back stand compute functions
- Entries are remembered when changing from mode to mode
- Run screen 1 displays knee position, target, board and/or cant selected, log breakdown when computed back stand is used, and system status
- Alternate run screen shows minimal operation information
- Multiple screens for information of the system and parameter entry are: menu, system parameters, species sizes, knees calibration to sawline, motion dynamics, axis status, timers, and cant prestack building
- Adjustable software limits for dogs extended, hammer dog forward limit, reverse limit, set velocity and jog velocity are entered through the system parameter screen

## AC Control Features

- All dogging and on carriage control provided by our system; no extra boxes required
- Separate knee taper block control
- Carriage log turners or brownsville turners
- Brake control if used
- Separate dog up/down control for each knee
- User defined specialized AC control if required

## System Hardware Features

- Only one electrical enclosure to install; doubles as the operator panel
- Touch Screen mounted in the panel
- Touch Screen panel is an 8" diagonal color
- Operator push button handles, power cord, knee control, and AC carriage control connected directly to panel
- Operator panel is a 16x16 Hoffman slope front panel that has a flat bottom so the sawyer has leg room
- Since one box is used, installation is easier and quicker
- Included in the package is a proportional valve and ServoSensor™ for feedback and motion control
- A single cable is provided for installing on the pantograph from the console to proportional valve and ServoSensor™

