

## Integrated Log Carriage Drive Control

Improve Throughput and Save Energy

### Introduction:

OEM's and up-fitters of log carriages are seeking to differentiate themselves from their competitors by offering enhanced capabilities.

Historically, log carriages were driven by inefficient DC M-G sets, old DC drives or hydraulic systems. All these methods require multiple, inefficient energy conversions and lack the high dynamic performance and system connectivity required to compete in today's market.



### Do your customers face these challenges?

As sawmills face increased competitive pressures, they are seeking every advantage they can get to gain an edge in the marketplace.

- **Energy Reduction**
- **Increased through-put**
- **Reduced maintenance costs**
- **Reduction of operator errors**
- **IoT Connectivity for improved diagnostics and reporting**
- **An easier to support, highly integrated solution with fewer suppliers**

### Parker Hannifin Corporation

Electromechanical and Drives Division  
9225 Forsyth Park Dr.  
Charlotte, NC 28273

phone (704) 588-3246  
fax (704) 588-3249  
[www.parker.com/emn](http://www.parker.com/emn)

## How can we help?

Parker Hannifin, has a diverse portfolio of technologies ranging from traditional pneumatic and hydraulic solutions to full electromechanical, to help drive real tangible value into your automated equipment. Here are some examples of the benefits realized by Log Carriage equipment manufacturers when partnering with Parker:



### Need more information?

- Contact us to set up an appointment to discuss your application
- Visit [solutions.parker.com/systems](http://solutions.parker.com/systems)

### Products used in this application:

- Drives- AC890PX Line Regenerative High Performance VFDs.
- Hydraulic power units, hoses, and connectors
- Pneumatics - for ancillary clamping functions
- Servo motors - low inertia design
- T-slot framing - for guarding solutions
- Services and engineering - collaborative design, start-up, and field service



**EC**  
Electric  
Cylinders



**GH**  
Gearheads



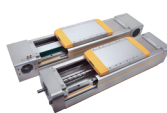
**DR**  
Drives



**MC**  
Machine  
Control



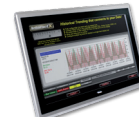
**IPS**  
T-Slot  
Framing



**P**  
Positioners



**MO**  
Motors



**HMI**  
Visualization



**S**  
Systems



ENGINEERING YOUR SUCCESS.