

Precision Linear Carriage Systems



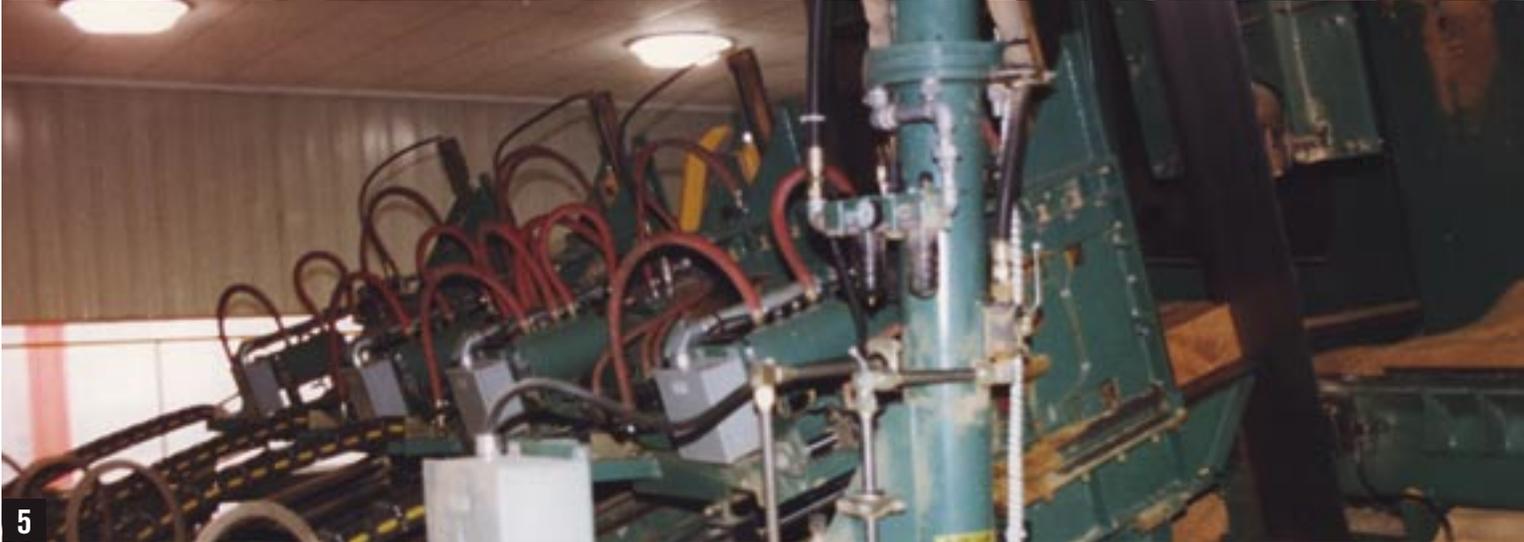
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TS Manufacturing Co.

SOLUTIONS

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A linear carriage must be precise, durable, and reliable. T.S. Manufacturing Co. linear carriages are built with exactly this concept in mind. Whether it is our reliable **Boardmaster** series of carriages, or our *State of the Art*, patented **Accu-Chrome** series of carriages; precision, durability and reliability are standard features.

The Boardmaster (Photos 1, 5, 6) family of carriages has been in operation for over 30 years. From the simple Automatic to the fully equipped, linear positioning slant; T.S. Carriages have been synonymous with quality and commitment to service. Our present Boardmaster series of carriages are available in either hydraulic linear positioning, or electric positioning; in flat or slant configurations, with either board or tong dogging styles. The Boardmaster family comes standard in 36", 42", and 48" sizes with a variety of accessories available.

Our patented Accu-Chrome (Photos 2, 3, 4) family of carriages have been in trouble free operation since 1988. This revolutionary design offers reduced maintenance, increased precision and a lowered total cost of ownership in comparison with conventional carriages. In 2003, we introduced our revolutionary Accu-Chrome Generation 2 series of carriages. The second generation offers a completely 'maintenance free' design, with fully self-lubricating parts. This feature alone eliminates the need for costly lubrication systems and their maintenance prone nozzles. In the Gen 2 series, the dogging also rides upon the same self-lubricating round slides, eliminating the constant adjustment of keepers and replacement of wear strips. Since these round slides support the knee away from the bunks, the wear plates on the face of the knees and bunks can be easily replaced without the need to remove the knee from the bunks.

SOLUTIONS



If *Lowered Maintenance*, and *Increased Precision* aren't enough incentive to require further inquiry, then consider the possible daily payback. With a maintained precision, and square knee and bunk surface, your carriage can consistently cut the way it was designed to. With conventional carriages, this requires constant adjustment and maintenance to a cost prohibitive level. With the Accu-chrome Generation 2 series of carriages, your carriage maintains its precision for years without maintenance. In today's Optimized environment, 'dumb' machinery is often overlooked or taken for granted. However, with proper Machinery Optimization through maintained precision, headrig scanning can provide more consistent and effective results. Every mill can benefit from reduced target size, maintenance and total cost of ownership while harvesting increases in optimization efficiency, mill uptime, and overall squareness of product. T.S. Manufacturing's Accu-Chrome family of carriages offer unparalleled precision, reliability, and equipment based payback, clearly making them:

'A Cut above the Conventional'

Specifications

Boardmaster Family

- Available in 36", 42", 48"
- Straight or Slant designs
- Board or Tong Dogging styles
- Sets within .002 accuracy
- 2 1/2" - 3 1/2" High tensile square axles
- 12 - 17" Dia. Nickel cast alloy wheels
- Linear hydraulic or electric positioning

Accu-Chrome Family

- Available in 36", 42", 48"
- Straight or Slant designs
- Board or Tong Dogging styles
- Sets within .002 accuracy
- Knee and Dogging Ride upon chromed roundways
- 2 1/2" - 3 1/2" High tensile square axles
- 12 - 17" Dia. Nickel cast alloy wheels
- Linear hydraulic or electric positioning



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Carriage Accessories:

T.S. Carriage Systems are available with a wide array of optional accessories. Our over 30 years of experience designing, manufacturing and installing carriages allows us to offer every conceivable option from Carriage Drives available in electric or hydraulic; to log turners (Photos 7, 9) and on-carriage log handling systems (Photos 8, 10) for increased productivity.

Additionally, our Accu-chrome family of carriage accessories offer lowered maintenance versions by utilizing proven concepts to eliminate conventional wear strips and lubrication requirements.

- 15" or 17" Diameter wheels
- Cinch Back
- Chain or Brownville Style Turners
- Hammer (Clamp) Dogging
- High pressure filters
- Cant flippers and catchers
- Automatic Lubrication System (Not Req'd for Accu-chrome Family)
- Optimization Systems



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