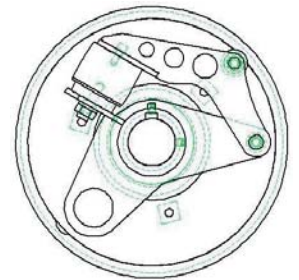




GEMOFOR
FOR A WORLD OF PERFORMANCE

GEM-O-CLUTCH

Pneumatic Safety Clutch



Canada Patent Pending
US Patent #7,040,470

GET THE BEST PROTECTION FOR YOUR DRIVE LINE

GEMOFOR has developed and patented a new safety clutch which protects lugged lines when jam-ups occur. This concept is based on limiting the available torque to drive the line in order to stop the lugged line when a jam occurs. The system is designed to be adjusted for adequate torque to ensure greater safety. The pneumatic clutch will start at a high torque and controlled air pressure provides the set torque required to drive the line safely.

How it works:

The GEM-O-CLUTCH uses a separate encoder to identify when drive is released. This allows the control system to calculate the position of each piece of lumber within the trimmer line and ensure the re-synchronization when the clutch is re-engaged. This guarantees that all of the lumber will be directed to the right bin after the line is re-started.

Advantages

- Full protection when a jam occurs, either caused by a broken piece or any other reason.
- Total control of the lumber pieces position and no loss of production.
- No need to reject any piece of lumber on the trimmer line.
- Very accurate with instantaneous release when over-torqued.
- Can be easily installed on an existing drive line.
- Installed right after the sorter drive for best protection.
- Two (2) different sizes (14" to 21") available depending on the line speed and power requirement.
- Much simpler and reliable than other mechanical means for clutch.

The GEM-O-CLUTCH is ideal for installation with a driving shaft system. Ask GEMOFOR for a complete new drive line using GEMOFOR's technology of drive shaft system for lugged/trimmer lines.

Now manufactured and sold by:

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