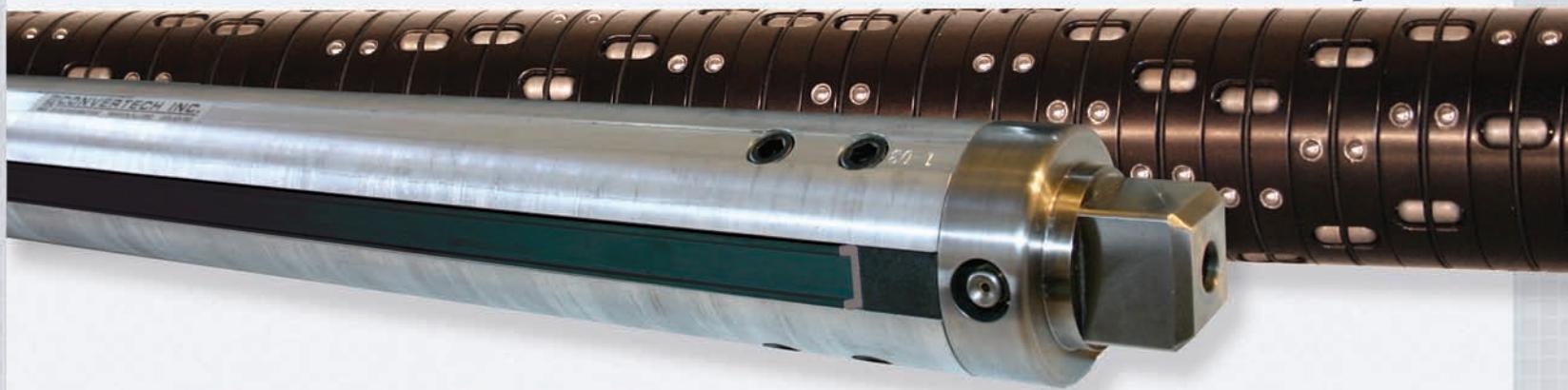


# Fastest lead time in the industry



Differential Shafts  
Air & Mechanical Shafts  
Air & Mechanical Chucks  
Air & Mechanical Adapters



MADE IN  
THE USA



# Air and Mechanical Core Shafts

**Up to 16" diameter and 150" wide we have your shaft**



## Lug Shaft

Multiple body wall thicknesses • Aluminum, Steel, or Carbon Fiber shaft bodies  
• Aluminum or Steel lugs • QuickChange™ bladder cartridges for easy repair



## Continuous Lug Shaft

1.5" to 16" diameters • Aluminum (lightweight) or Steel bodies • Aluminum, Steel, or Urethane lugs • Centering versions available • GripLock™ Lug Design



## Concentric Shaft

70mm to 6" diameters • Shaft Adapters to 16" Diameter • Air, Mechanical, or mixed designs • Lug and Leaf styles • Concentric Rotation • Suitable for vacuum applications



## Through Shaft

All chuck diameters can be mounted on shaft • Aluminum or Steel bodies  
• Lightweight alternative to run larger diameter cores



## Leaf Shaft

1" to 12" diameters • Fixed leafs available • Best for thin-walled cores • Less expensive and lighter than competitor's leaf shafts • Interlocking extrusion leaf



## Mechanical Shaft

1" to 10" diameters • Simple turn-screw operation • Absolute roll centering  
• High-speed and high-tension applications • Low maintenance



## Lateral Motion Shaft

70mm to 16" diameters • Face lengths to 30" • Leaf or Continuous Lug style • Full 1" of lateral movement • For cantilevered applications  
• Web guide alternative



## Trapper Leaf Shaft

1" to 12" diameters • For coreless winding • Primarily for packaging, building materials, printing, tag & label, and converting applications



## Small Diameter Shaft

From .400" diameter • Up to 150" face length • Lug or Leaf style shafts



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since 1978

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# 1 Easy to load



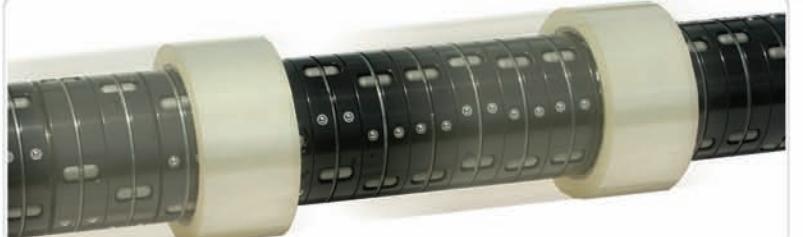
Multiple width cores slide easily onto shaft. Cores can be positioned anywhere on the shaft.

# 2 Easy to wind



Patented GlideLock™ clutched rollers auto-lock to equalize tension on multiple width cores. The GlideLock™ internal clutching mechanism prevents core dusting, wobble, and side-to-side movement.

# 3 Easy to unload



Finished rolls slide effortlessly off shaft, leaving it ready to re-load with new cores.



# Air Roll Lock Differential Shaft

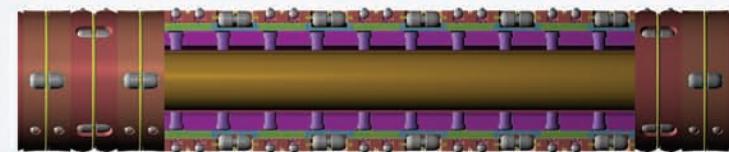
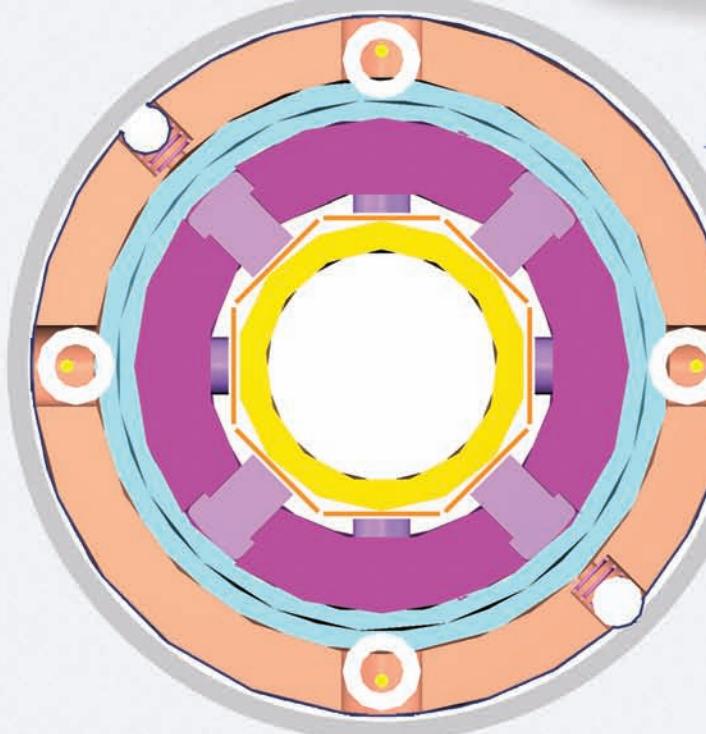


## Superior Tension Control

GlideLock™ Clutched Rollers feature a bi-directional, internal clutching mechanism which actuates based on the location of each core on the shaft.

When the shaft begins to rotate, the rollers under each core lock independently and apply tension to each individual core. As the material is wound onto the cores, the GlideLock™ Clutched Rollers self-adjust to ensure the correct tension.

Slide Bearings on each GlideLock™ roller allow cores to slide on and off the shaft easily and quickly. Heavy, finished rolls slide effortlessly off the shaft and decrease load time.



## Key Features

- Easy, safe, reliable, and efficient to use
- Face lengths up to 150" in 70mm - 10" dia.
- Wind multiple width cores down to 1/2" width
- Easily control tensions from under .15 PLI
- No cones, core stops, or spacers
- No core slipping, wobble, or dusting
- Delivered in just a few weeks



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since 1978

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# Chucks, Adapters and Accessories

*A full line of durable, easy-to-repair chucks for any application*



## Mechanical High-Torque Chuck

3" to 10" diameters • For braked, shaftless unwinds  
• Adapters available • Concentric expansion • Best in demanding applications where pneumatic expansion is not effective or preferred



## Cheap Chuck

3", 4", 5", 6", 8", 10", 12" and 16" diameters • Very inexpensive way to adapt a standard shaft to a larger diameter roll • Available with core stops, split clamps, and connector kit (to string multiple adapters together)



## Mechanical Chuck

3" and 6" Diameters • Bores to 1.5" on 3" diameter and 3" on 6" diameter • Very low cost • Best torque capacity for light-duty unwinds and rewinds • Precision-machined alloy steel makes these chucks virtually indestructible



## Pneumatic-Mechanical High-Torque Chuck

3" to 12" diameters • Adapters available • For all shaftless unwinds and rewinds • Highest torque and weight-bearing capacity • Concentric expansion • Steel only



## Shaft Adapters - A Systems Approach

When used in conjunction with any brand of shaft or chuck you can create a "Systems Approach". This is a flexible and inexpensive alternative to multiple sizes of expensive expanding shafts.



## Make-Ready Table

A safer and easier way to load and unload shafts. Operators work from a table-top environment, with dividers to allow for multiple or single web applications. 40" working surface area that can be customized to any shaft size.



# Working Smarter to deliver *faster*



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