

# Custom Chucks & Shafts

Built To Last



Differential Shafts

Air & Mechanical Shafts

Air & Mechanical Chucks

Air & Mechanical Adapters



**PROUD TO BE 100%  
MADE IN THE USA**



## Wide Web Shafts

Shafts Up To 16" Diameter and 150" Wide



### Continuous Lug Shaft

The most versatile, economic shaft with Grip Lock™ Lug Design that will not damage cores

- 1.5" to 16" Diameters
- Aluminum (lightweight) or Steel bodies
- Aluminum, Steel, or Urethane lugs
- Centering versions available



### Leaf Shaft

Leaf shafts are best for thin-walled cores

- 1" to 12" Diameters
- Fixed leaves available
- Less expensive and lighter than competitor's leaf shafts



### Concentric Shaft

This shaft has concentric expansion and may be suitable for vacuum applications

- 70mm to 6" Diameters
- Shaft Adapters to 16" Diameter
- Air, Mechanical, or Mixed Designs
- Lug and Leaf styles



### Through Shaft

A lightweight alternative to run larger diameter cores

- 5" to 16" Diameter
- All chuck diameters can be mounted onto the shaft
- Aluminum or Steel bodies







# Air and Mechanical Core Shafts

## Narrow Web Shafts

Shafts With Diameters From 0.4" To 16"

### Narrow Leaf Shaft

Great for thin-walled cores and is the most cost effective design for narrow web applications

- 70mm to 6" Diameter
- Positive gripping on cores
- Easy to repair

### Small Diameter Shaft

This shaft is used for narrow and wide web applications

- From 0.4" Diameter
- Up to 150" face length
- Lug or Leaf style shafts

### Trapper Leaf Shaft

This shaft is used for coreless winding

- 1" to 12" Diameter
- Primarily for packaging, building materials, printing, tag and label, and converting applications

### Lateral Motion Shaft

An economic alternative to expensive web guide systems; lateral adjustments can be made while the machine is running

- 70mm to 10" Diameter
- Face lengths to 30"
- Full 1" of lateral movement
- Easy to repair

### Mechanical Shaft

The mechanical design assures concentricity and with its simple turn-screw operation, it may be suitable for high speed and high tension applications

- 1" to 6" Diameters
- Absolute roll centering
- Low maintenance
- Easy to repair



**MADE IN THE USA  
SINCE 1978**

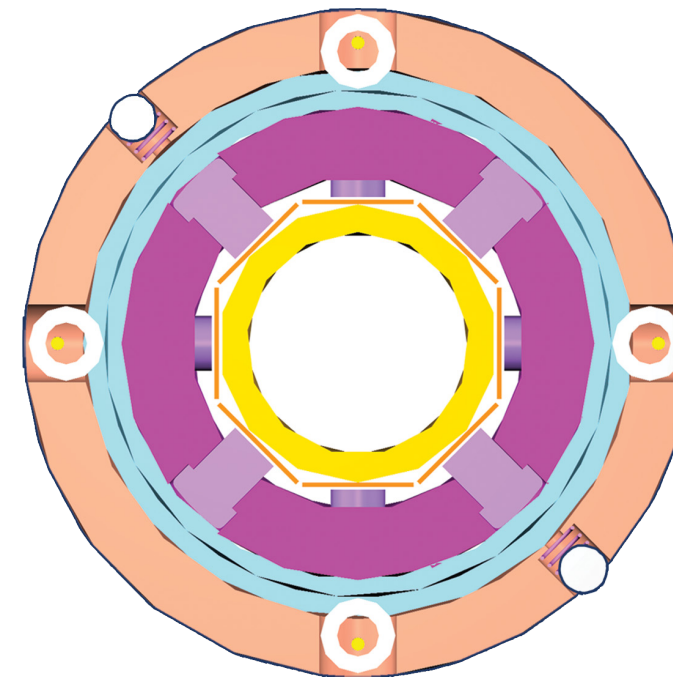
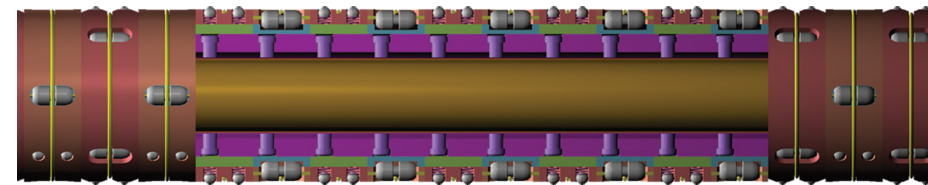
**WWW.CONVERTECH.COM**  
**SHAFT QUOTE • PARTS • PRODUCT SUPPORT**





# Differential Shaft

## Air Roll Lock



### Super 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 100"
  - 70mm - 10" Diameter
- Wind multiple cores down to 1/2" Width
- Easily control tensions from under 0.15 PLI
  - No cones, core stops, or spacers
  - No core slipping, wobble, or dusting



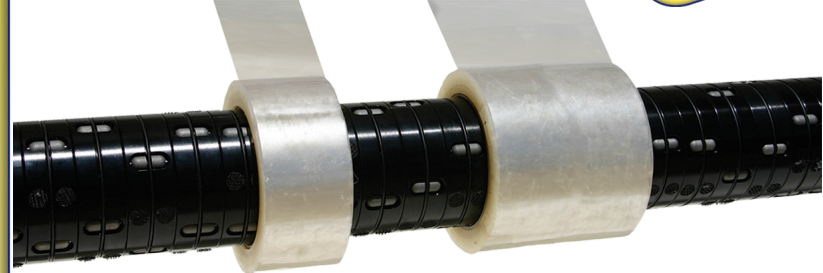
**MADE IN THE USA**  
since 1978

## 1 Easy to load



Multiple width cores slide easily onto the shaft and can be positioned anywhere along 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 the shaft, leaving it ready to re-load with new cores.

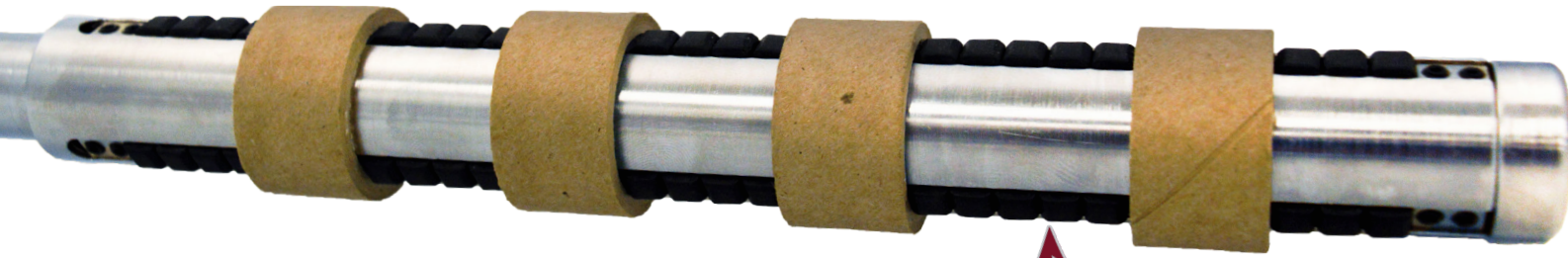
Ready to Quote?

**WWW.CONVERTECH.COM**  
SHAFT QUOTE • PARTS • PRODUCT SUPPORT

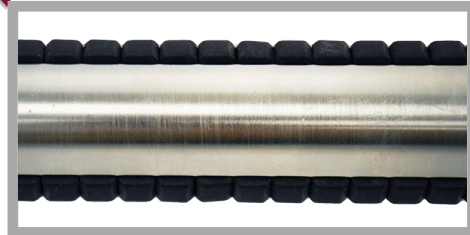




# 1" to 2" Differential Shafts



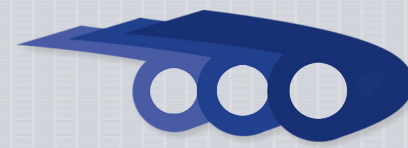
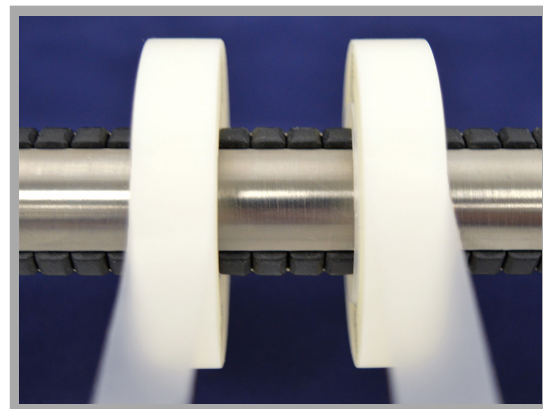
**Easy Roll Positioning**



**Direct Friction Style Differential Shaft**

**Low Tension**

- Fits 1" to 2" Cores
- As narrow as 1/2" slit widths
- Ideally suited for cores in 1/4" increments
- Up to 1.25 PLI on a 6" Diameter roll (for 1" Diameter)
- Up to 0.61 PLI on a 12" Diameter roll (for 1" Diameter)



# Chucks and Adapters



**PCC-4000 Core Chuck**

Used for all pneumatic-mechanical shaftless unwinds and rewinds with the highest torque and weight bearing capacity

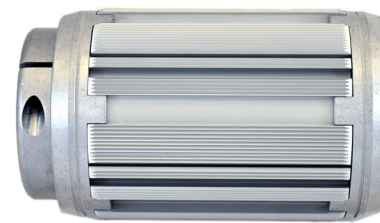
- 3" to 12" Diameter
- Adapters available



**Shaft Adapters - A Systems Approach**

Used to create a "System Approach" when conjoined with any shaft or chuck and is a flexible and inexpensive alternative to multiple sizes of expanding shafts

- Diameters up to 16"
- Face length up to 150"



**CC-3000 Chuck Adapters**

An inexpensive way to adapt a standard shaft to a larger diameter roll

- 3", 4", 5", 6", 8", 10", 12", 16" Diameters
- Available with core stops, split clamps, and connector kit (to string multiple adapters together)



**Mechanical Chuck**

Used for light-duty unwinds and rewinds

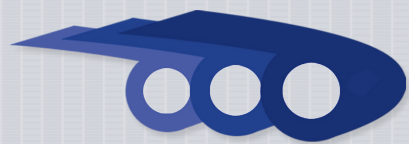
- 3" and 6" Diameters
- Bores to 1.5" on 3" Diameter and 3" on 6" Diameter



**MADE IN THE USA  
SINCE 1978**

**WWW.CONVERTECH.COM**  
**SHAFT QUOTE • PARTS • PRODUCT SUPPORT**

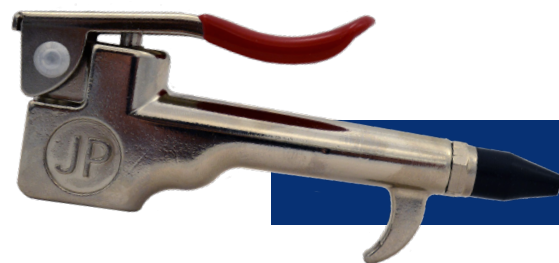




## Push Activated Inflation Tool

Ergonomic, lightweight, easy to use Inflation gauge to tell you the shaft pressure

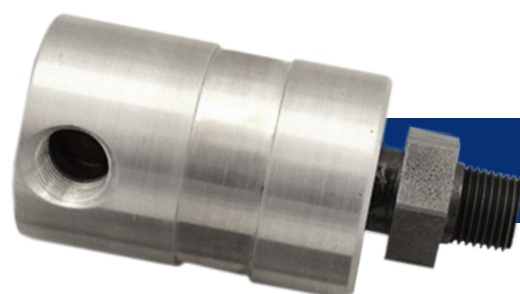
- Tank valve and cup valve available
- Only available with the gauge



## Lever Activated Inflation Tool

Ergonomic, lightweight, and easy to use with lever activation

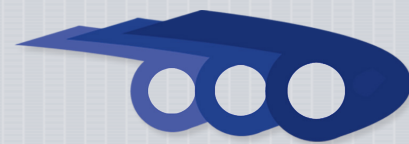
- Tank valve and cup valve available
- Only available without the gauge



## Rotary Union

Easy way to allow a constant air flow into a spinning shaft

- 3/8" - 24 or 1/8" NPT outputs
- 1/8" NPT input



# SHAFT REPAIRS IN AS LITTLE AS 10 MINUTES



Need A Repair?

Get A Free Evaluation

Check Out Our Step-By-Step Repair Videos

Need A Repair? View our Air Shaft Repair Videos for step-by-step instructions on repairs and replacements. You can also drop off or send in your part for a free evaluation. We will provide a quote once the unit has been evaluated and we will not proceed until the quote has been approved.

Call our office at 973-328-1850 to receive an RMA number for your free evaluation or visit [www.converttech.com/air-shaft-repair-videos](http://www.converttech.com/air-shaft-repair-videos).

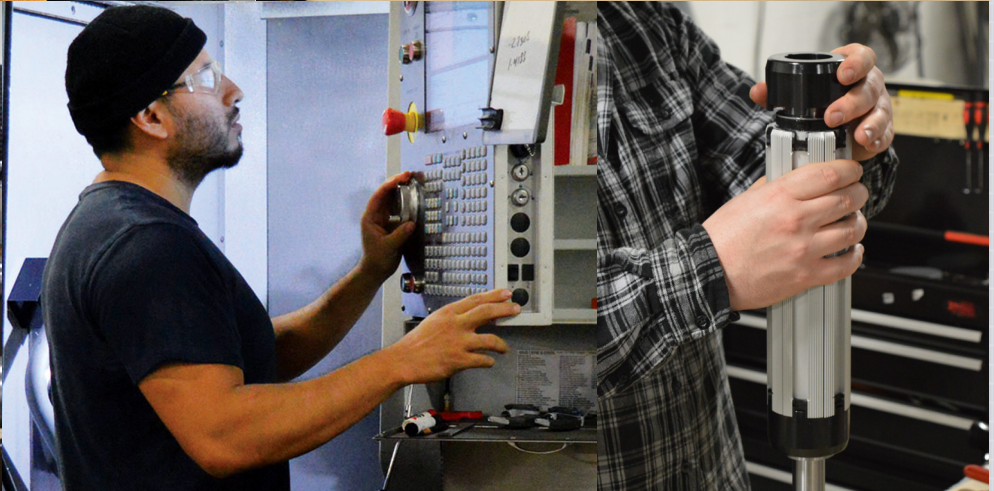


MADE IN THE USA  
SINCE 1978

**WWW.CONVERTECH.COM**  
SHAFT QUOTE • PARTS • PRODUCT SUPPORT



# WORKING SMARTER TO DELIVER QUALITY



**973-328-1850**  
**WWW.CONVERTECH.COM**



**MADE IN THE USA**

**353 Richard Mine Rd. Wharton, NJ 07885**  
**Phone: 973-328-1850 Fax: 973-328-7256**