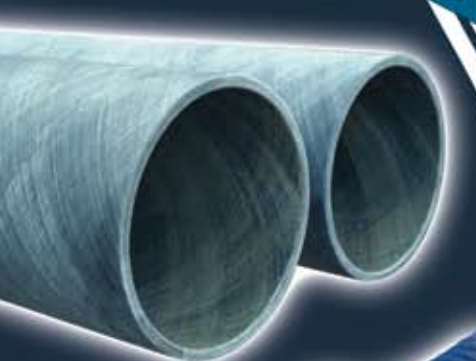




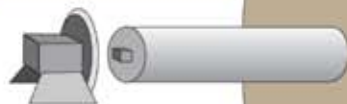
Solutions for All of Your Web Handling Needs



**Core
Chucks**

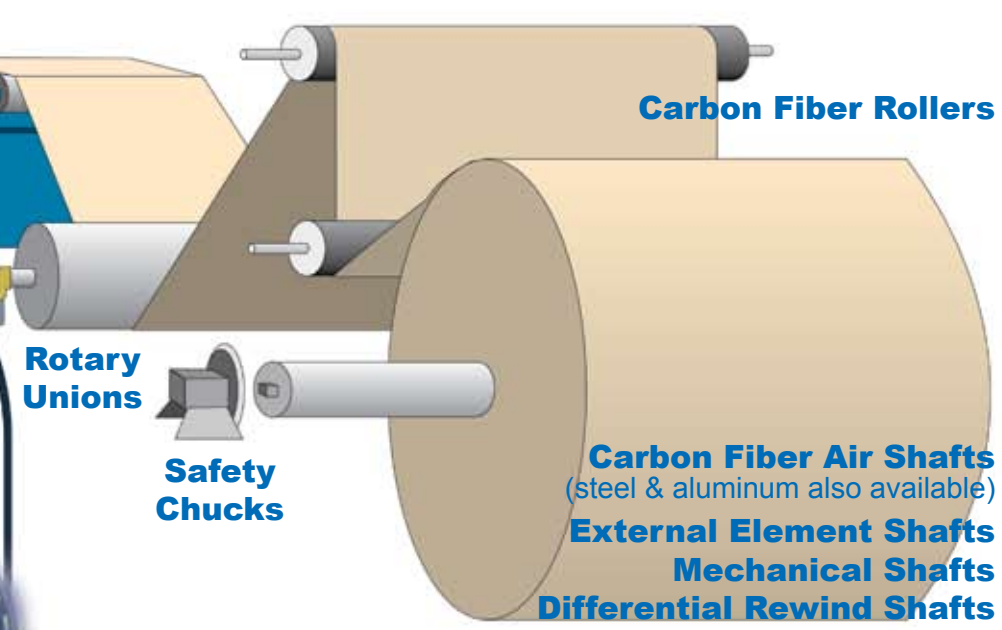


**Rotary
Unions**



**Safety
Chucks**

Carbon Fiber Rollers



Carbon Fiber Air Shafts
(steel & aluminum also available)

- External Element Shafts**
- Mechanical Shafts**
- Differential Rewind Shafts**
- Reel Spool Shafts**

As your one-stop web converting resource, Double E also offers:

- Core Cutters ~ Core Plugs**
- Roll / Core Restorers ~ Composite Cores**
- Shafted Unwind Stands**



DOUBLE E INTERNATIONAL

Excellence in Engineering

www.doubleeint.com



DF-2000® TORQUE-ACTIVATED CHUCKS

The world's best-selling shaftless core chuck

- Concentric expansion minimizes roll bounce.
- Automatic activation – no side force or operator intervention needed.
- Smooth jaws allow multiple core reuse.
- Rolling friction ensures tight grip with low or high tension.
- Quick-disconnect, core ejection, and slide-on adapter models also available.
- Step version accommodates different core sizes without removing the chuck.



PC-4000 PNEUMATIC/MECHANICAL CHUCKS

Torque-independent operation

- Positive lug retraction ensures easy removal of cores.
- Consistent grip force independent of torque magnitude or direction.
- Quick release adapter allows quick changes between various core sizes.



UC-3000 BLADDER CHUCKS

Air-inflated adapters

- Easy insertion & removal from cores.
- 30% -50% lighter than competing chucks.
- Polyurethane bladder resists stretching, cutting, and abrasion.
- Available in sizes 3 inches and up.
- Field-proven design.



DF-1000 CHUCKING SYSTEM

Torque-activated chuck with retractable roll collar for 3" cores

- Replaces “knock-in-type” cones, wedges, and manual core chucks.
- Quick, 30-second roll changeovers without tools.
- Torque activated design ensures automatic, concentric expansion.



SRC-2000 STRIP CHUCKS

Recommended for narrow roll widths

- Air-activated polyurethane bladders activate rugged gripping elements.



LG-1000 LATCHING CHUCKS

Quick & easy roll changes without tools

- A simple twist locks the core; a twist in the other direction unlatches the roll.
- Cantilevered or through-shaft processes; mounted horizontally or vertically.
- Perfect for packaging, label production, and adhesive tape production.



SAFETY CHUCKS Easily & affordably replaces existing safety chucks

- Sliding design uses a patented push button to ensure safety & easy disengagement.
- Interchangeable jaws make replacement easy and inexpensive.
- Patented circular jaw engagement allows higher speeds without tapping.



DURA-LIGHT® CARBON FIBRE CORE SHAFTS

Lug, leaf, and through shaft models

- Carbon fibre shafts have been a Double E specialty for over 20 years; we make our own carbon fibre tubes.
- Carbon fibre housing provides the strength of steel at a fraction of the weight while metal sleeve protects carbon from abrasion.
- Deep journal insertion and close tolerance fit ensure strong journal connection and easy maintenance.
- Comprehensive two year warranty even includes bladder.
- Textured steel leaves on the leaf shaft design increases rigidity.
- Use with UC-3000 bladder chucks for an extremely lightweight solution for large and/or multiple core sizes.



RS-2000 CARBON FIBRE EXPANDING REEL SPOOL SHAFTS

Traditional metal non-expanding reel spools also available.

High speed, large reel winding in tissue and paper mills

- Much lighter in weight than expanding steel shafts.
- PM expansion system ensures concentricity and positive grip.
- Carbon fibre allows faster critical speeds without increasing core size.



SR-2000 STRIP SHAFTS

For multiple core rewinding

- Simple clamping unit secures bladder assembly for easy maintenance.
- Durable hard rubber elements offer excellent core grip.
- Rugged Teflon strip protects bladder from abrasion & puncture.
- Brass air valve will not corrode.



DYNA-GRIP METAL AIR SHAFTS

- Unique polyprene bladder material resists stretching & cutting.
- Journal connection is not a press fit; allows easy maintenance.



PNEUMATIC / MECHANICAL & FULLY MECHANICAL SHAFTS

For heavier roll weights and/or faster line speeds

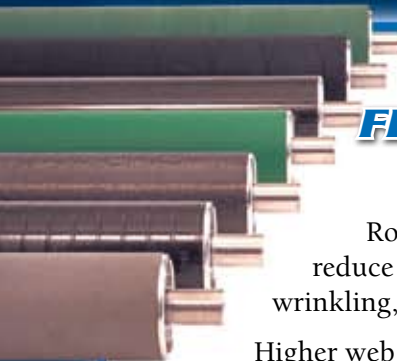
- Independent lug action adjusts to variations in core diameter.
- Concentric expansion ensures true-running rolls.
- Fail-safe operation guarantees roll security during production run.



DIFFERENTIAL REWIND SHAFTS

- Delivers uniformly wound rolls, even with narrow and/or varying slit widths.
- Slipping occurs inside the shaft so core dust is not created – no contamination.





CARBON FIBRE ROLLERS

Low rotational inertia

Rollers spin at line speed and reduce dragging – less scratching, wrinkling, and stretching of the web. Higher web speeds with less vibration.

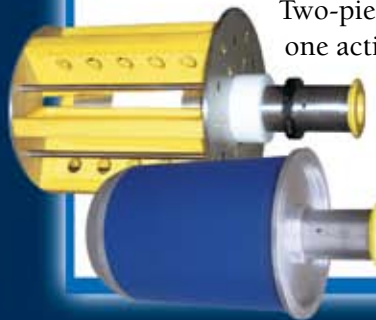
Increase bearing life, improve product quality, and reduce waste.

Available with various coatings to suit any application.

CORE PLUGS

Core inserts for the tissue, paper towel, and nonwovens industries

Rugged carbon fibre carrier beam decreases weight without sacrificing strength.



Two-piece expanding design uses one activating shaft to fit various cages; accommodates multiple core sizes.

Rugged one-piece model is lightweight for easy handling.

COMPOSITE CORES



High strength, lightweight cores allow indefinite core reuse.

Eliminate the need for costly disposable paper cores.

End collapsed cores and tear-outs common with plastic & paper cores.

CORE CUTTERS

Precise, clean cuts; NO SAWDUST.

Simple to use; operator safe.

Quick change to various core ID's.

Manual, semi-automatic, and fully automatic models available.



SHAFTED UNWIND STANDS

Simple completely packaged solution for unwinding web material.



CORE RESTORER

Opens crushed cores and corrects out-of-roundness for true running rolls



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Excellence in Engineering

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