



Configurations:

Addax Rollers are available in three unique end fitting configurations.

Journalled / Live Shaft

- Bolt-In 12L14 CF Steel Journals
- Integral Journal for Roller Diameters ≤ 4.5"
- 6061-T6 Aluminum Header
- Grade 8 Fasteners

Dead Shaft / Through Shaft:

- 2L14 CF Steel Bearing Housings
- 1018 CF Steel, Turned, Ground and Polished Through Shafts
- ER (Free Running) Style Bearings

Dead Shaft / Double Bearing Stub Roller:

- 6061-T6 Aluminum Header
- Steel Stub Shaft
- 12L14 CF Steel Bolt-In Bearing Carrier
- Dual Single Row, Deep Groove, Shielded Ball Bearings
- Grade 8 Fasteners

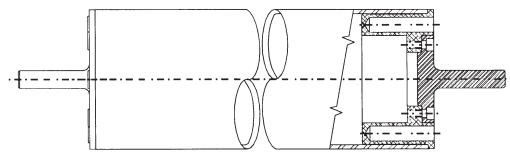
Addax Carbon Fiber Rollers

The premier choice for converting applications.

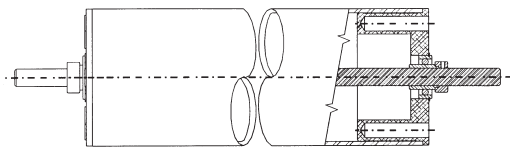
Addax carbon fiber rollers have set a new bar for the industry. We are leading the industry towards the obsolescence of metal rollers. All Addax Rollers are manufactured using a filament winding process. Filament winding provides the best manufacturing method for producing high-strength, fatigue-resistant, high-performance composite components at affordable prices. Carbon fiber composite products are generally more expensive than those made from metal. However, Addax has been able to refine the manufacturing process to significantly reduce the cost differential making our carbon fiber rollers affordable for most converting idler roller applications.

Addax Carbon Fiber Rollers increase quality and lower your total cost of ownership:

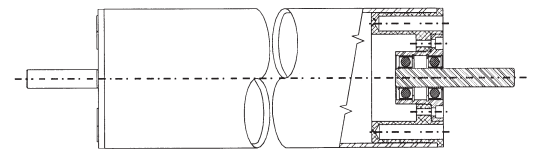
- **Increase your web quality** — less web deflection, roller slippage and web breaking.
- **Increase your machine output**— Addax Rollers can operate at higher speeds than metal rollers.
- **Run at wider web widths** — Addax Rollers can span longer distances than metal rollers while providing equal or decreased web deflection.
- **Reduce your operating costs** — Addax Rollers extend the life of the machine bearings as a result of their light weight and provide significantly better corrosion resistance in comparison to metal rollers.
- **Eliminate drive mechanisms** — the light weight of Addax Rollers in many cases allows the web to drive the roller instead of motors, gear drives or belts.



Journalled / Live Shaft



Dead Shaft / Through Shaft



Dead Shaft / Double Bearing Stub Roller

