

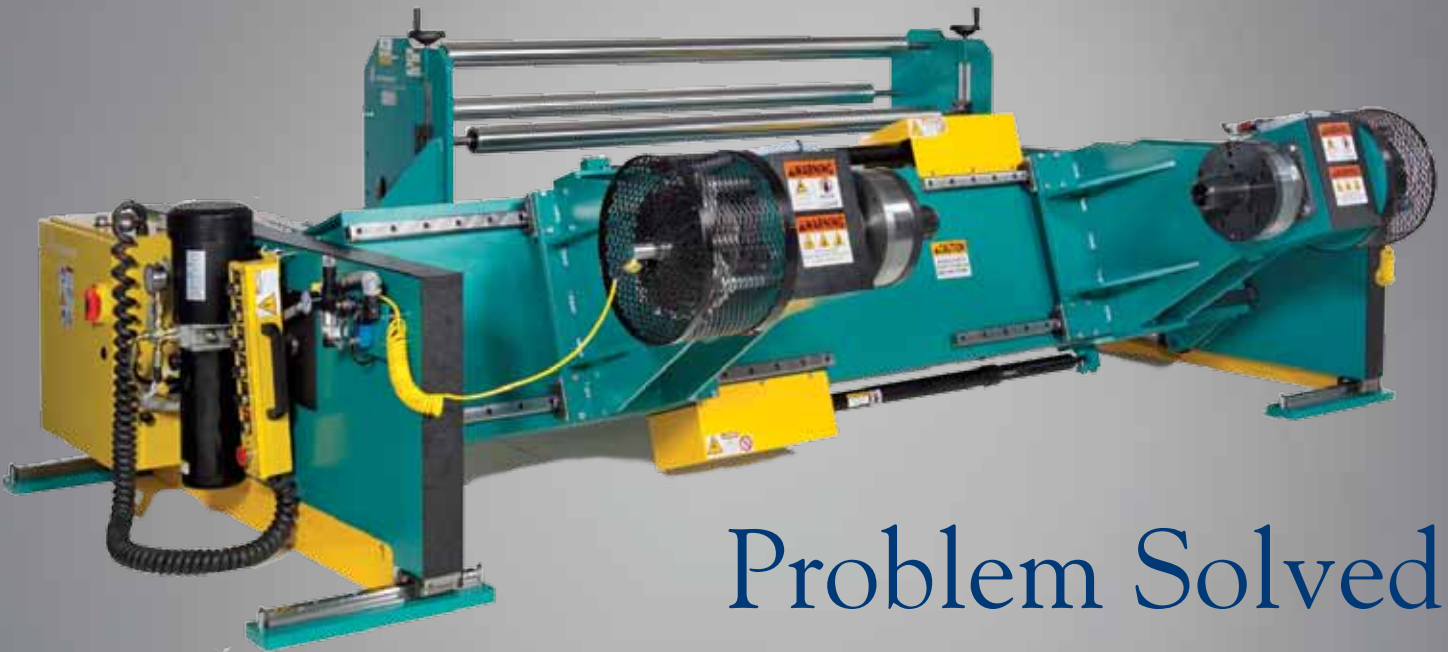


schlumpf

innovation. performance. quality.



Material Damage? Poor Quality?
Process Inefficiencies? Out Of Control Costs?



Problem Solved

✓ Protect Your Product ✓ Improve Your Quality ✓ Increase Your Efficiency ✓ Control Your Costs

Schlumpf
Machinery Components
for Unwinding & Rewinding

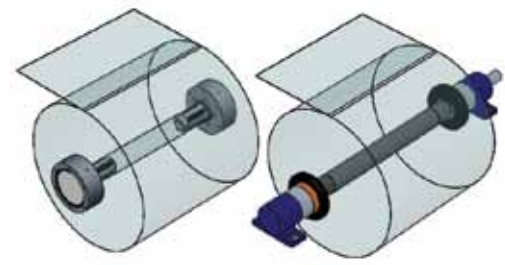
How To:

1. Determine the type of your unwind or rewind — shafted or shaftless.
2. Review the information below for the type of equipment you may need.
3. Contact us with your application information for additional guidance.

1.

Quick Application Guide

Shaftless Unwinding / Rewinding. Core chucks hold roll by core on each end of the roll



2.

Components For Shaftless Unwinding & Rewinding

SDE Chucks



SDE pneumatic concentric core chucks...The world's best core chuck for heavy loads, speeds and tensions. Any core size to 16" (400 mm). 9 models with capacities to 20,000 lbs (9,000 kg). Custom sizes available. Ask about Easy Service™.

SDE Adapters



SDE Quick-Change adapter collars adapt the SDE "base chuck" to larger core sizes in seconds. Adapters are lightweight and easy to handle. An SDE adapter can be made for any core size, inch or metric.

SDE Bayonet



SDE bayonet style core chucks accommodate a wide variety of core sizes and types with the same "base" chuck. Quick change noses are available with leaf or lug segments. Custom sizes available. Capacities to 8,800 lbs (4,000 kg).

SD Chucks



With their 45 mm (1.77") expansion range, SD core chucks are great for converters with both Inch & Metric cores, or heavily recycled cores. Quick change adapter jaws are available for larger core sizes. Capacities to 8,800 lbs (4,000 kg).

SDE-SF Chucks



SDE-SF core chucks expand with spring force and are retracted pneumatically, so they are "fail safe" and will not release the roll until inflated. Use SF chucks for high value materials and vacuum metalizing applications that can't afford to fail.

QuickGrip Chucks



QuickGrip core chucks expand automatically when the roll rotates or when web tension is applied. Perfect for sheeters and other web machinery. 3 models for 3", 4" & 6" cores with capacities to 8,800 lbs (4,000 kg).

QuickGrip Adapters



Schlumpf's quick-change adapter for torque activated mechanical chucks were an industry first! Adapters are lightweight, easy to handle and the base chuck is never removed from the machine. A QuickGrip adapter can be made for any core size, inch or metric.

SDA Chucks



SDA chucks expand automatically when a roll is clamped between the sides of an unwind or rewind. The reliable mechanical design lasts for years with little or no service requirements. Accommodates any core size with capacities to 2,200 lbs (1,000 kg).

Custom Chucks



Schlumpf specializes in custom designs of chucks of all types for diverse industries including aerospace composites. With the experience of thousands of successful applications our engineers can tailor a chuck to meet your exact requirements.

Accessories & Equipment



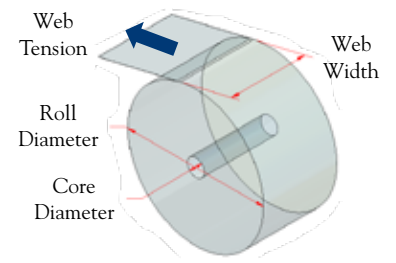
Retrofit? New application? Schlumpf can design and build complete shaftless unwinds, rewinds, mounting plates, spindles, non-expanding "dummy" chucks and any other accessory you may need.

Shafted Unwinding / Rewinding. Expanding shaft fully supports the roll. Shaft held by Safety Chucks

Required Information

Max. Roll Weight: _____
 Max. Roll Width: _____
 Min. Roll Width: _____
 Max. Roll Diameter: _____
 Core Size(s): _____
 Core Material: _____
 Roll Material: _____
 Max. Web Tension: _____

Type Of Machine: _____
 Drive / Brake Type: _____
 Drive / Brake Both Sides: Y ___ N ___
 E-Stop Required: Y ___ N ___
 E-Stop Time: _____
 Rate Of Acceleration: _____
 Available Air Pressure: _____
 Machine Speed: _____



Components For Shafted Unwinding & Rewinding

K Safety Chucks



K Series safety chucks have been an industry standard for 40 years. Available with both axial and skew adjustment for web guiding and edge control. Capacities to 5,400 lbs (2,500 kg) per pair. Custom sizes available.

KL Safety Chucks



KL safety chucks are an economical and durable alternative to Boschert™. 5 models with numerous mounting styles and seat types. KL chucks offer a unique low-cost replaceable handwheel.

UniGrip Chucks



UniGrip shaft mounted adapter chucks are the most durable, long lasting chuck available. A solid urethane bladder protects against knife cuts and damage. UniGrip is a money saving alternative to cheap tire chucks. 3" to 6" cores.

Modulo



The patented screw-in Modulo expanding cylinder offers unparalleled flexibility in chuck and shaft design. Ideal for light weight materials with any core size, length or diameter. The load determines the number of Modules needed.

SF Chucks & Shafts



Self-centering SF "fail safe" shafts and chucks will never release the roll until air inflated. Designs for cantilevered or fully supported unwind / rewind applications. Also available with adapter sleeves for larger core sizes.

CTA Shafts



CTA shafts are the most rugged and dependable shaft in the world! The central bladder is protected by steel support blades. CTA shafts can last 10 or more years without a bladder replacement. For any core size or length.

CTL Shafts



CTL shafts offer a low cost alternative to the CTA design, yet offer nearly the same durability. A cartridge design makes bladder changes fast and easy. For any core size or length.

MonoGrip Shafts



MonoGrip continuous bladder, leaf-type shafts are among the lightest shafts available. For a wide range of applications and easy handling. 3" & 6" cores. Other sizes on request. Easy to service and reliable.

CTC Shafts



CTC central bladder leaf-type shafts are ideal for narrow or thin -wall cores, or various widths of cores. Leaves are plain or plasma coated for additional traction.

Accessories & Equipment



Retrofit? New application? Schlumpf can design and build complete shafted unwinds and rewinds, mounting plates, spindles, and any other accessory you may need.

3. Contact Schlumpf to find the best solution to meet your requirements!

Your products are valuable, and your ability to get high quality products out the door at the lowest possible cost is critical to the success of your business. Don't leave your success to chance! Eliminate material damage and quality issues, increase efficiency, and reduce operating costs with expanding chucks, shafts and other unwinding and rewinding machinery components designed for your toughest applications by Schlumpf. Our engineers take the time to analyze your process, understand your needs and find the best fit for your application. Let us help solve your unwinding and rewinding problems. Visit us on the web or call us directly to speak to one of our chuck and shaft specialists.

Schlumpf ... Problem Solved.



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