



The larger the clamping range, the more flexible the operational area of a shaft. Above, you see the field-tested solution for the size of 50-80 mm. We also offer well-engineered solutions for the range of 200-250mm and more.

WINDING SOLUTIONS

Innovative Designs & Profitable Products

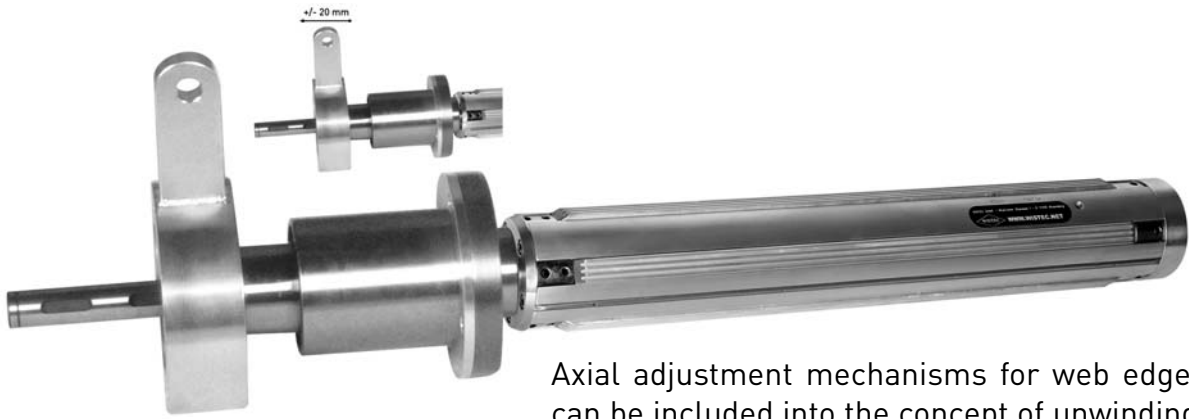


Flange mounted shafts can be flexibly integrated into many system concepts. The version shown in the picture to the right brings the advantage of alignment of the web, for example by ± 10 mm.

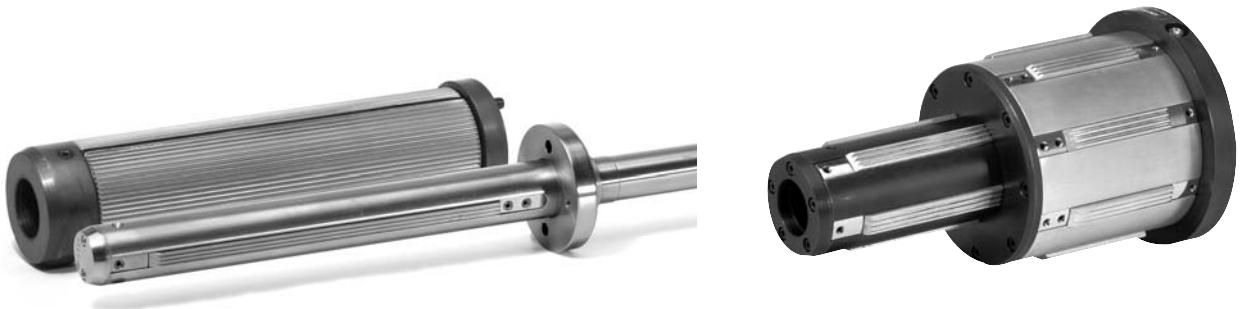
Two advantages:

You will receive a shaft with a flange bearing, ready to install. For easier removal of the cores, there are rolls between each SLAT.

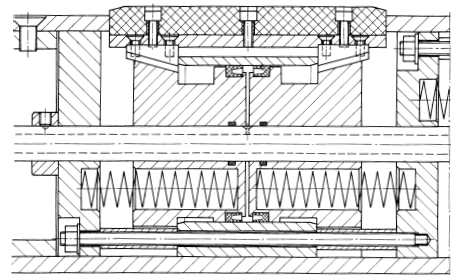




Axial adjustment mechanisms for web edge control can be included into the concept of unwinding shafts. Three centering ledges improve the rotational accuracy.



For every shaft, we offer a fitting adapter solution, which can either be activated mechanically by the shaft or by a compressed air supply.



When using this shaft, compressed air is only needed for a short amount of time. In addition to the security benefits, the pneumatic mechanical system ensures a 100% central positioning of the roll, even with high roll weights.



Because many products can also be rolled without a core, we offer diverse shafts for core-less winding in order to minimize costs.



Pneumatic chucks are ideal as adapter solutions - here from 3" to 6"



Basic chuck for 70 mm + 3" cores



with adapter for 150 mm and 6"

The benefits of pneumatic-mechanical chucks are high torques and 100% centric clamping of the rolls. This makes shaftless unwindings and rewindings possible. Adapters or multi stages enable the chucks to vary according to the core diameters.



All pneumatic-mechanical chucks can also be designed as a safety version. In doing so, the air pressure is only necessary for pneumatic removing. Even in the case of a blackout, your roll stays clamped.

Select your preferred type of shaft:



Shaft type "K"
with LUG'S

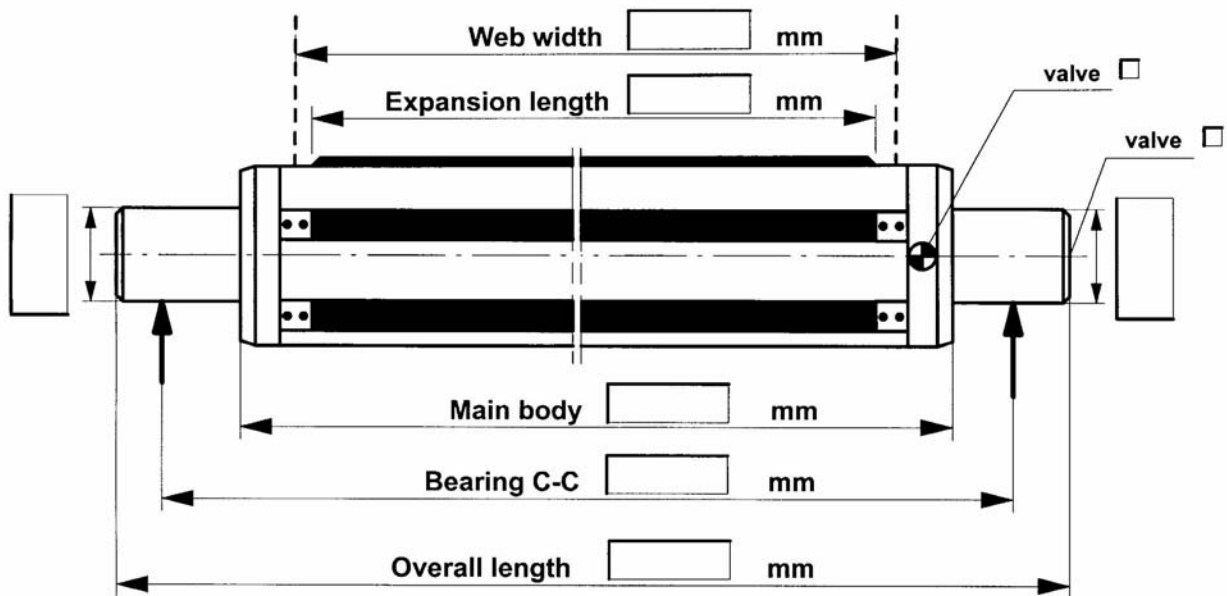


Shaft type "S"
with LEAF'S



Shaft type "L"
with SLAT'S

Geometrical data and valve position:



Rewinding	<input type="checkbox"/> and / or	Unwinding	<input type="checkbox"/> (please mark)
Web slitted?	yes / no	if yes: Min. Slitting Width	mm
Maximum Web Width:	mm	Maximum Roll Weight:	kg
Minimum Web Width:	mm	With a Roll Weight:	kg
Core Internal Diameter:	mm	Max. Roll Diameter:	mm
Web Speed:	m/min	Max. Web Tension:	N, or:
Web Material:	Web Thickness:	µm, or:
Number of Shafts Required:	pc	Square Weight:	g/m ²

Customer Information:

Contact: _____
 E-Mail: _____
 Phone: _____
 Fax: _____

Company: _____
 Address _____
 City _____
 State _____