

TRESU

Lightweight Carbon Fiber

TRESU CFC Chamber doctor blade systems



Mid and wide web
applications

Chamber Product Range

CARBON FIBER FIBER

TRESU uses proven moulding methods and CNC machining of our high precision carbon fiber chambers, which ensures high performance under high speeds and high pressure.

- Carbon fiber chambers for improved chemical resistance
- Lightweight carbon fiber chambers for easy handling and high strength
- Proven TRESU P-Line quick change clamping system
- Genuine TRESU end seals ensure optimal sealing
- CFC chambers for mid- and wide-web applications
- Pressure-control ink and coating circulation
- Our range of CFC chambers also feature a range of different suspensions matching almost any space requirement, application and size

Mid-web carbon fiber chambers - D3P series

D3P is an ink repellent lightweight carbon fiber chamber engineered for applications where corrosion is a challenge and where the proven features of a TRESU carbon chamber are needed. The D3P series feature the P-Line quick change clamping system and genuine TRESU end seals.

Wide-web carbon fiber chambers - D4P and D5P

or wide webs up to 6,000mm (19.7 feet), where corrosion is an issue, TRESU offers D4P and D5P. Both chambers feature a curved ink repellent inner surface optimizing volume, control discharge and cleaning - and also features TRESU's proven quick change clamping technology and genuine TRESU end seals.



“Currently using TRESU P-Line Carbon Fiber Chambers 2860 mm wide and with Polyester Blades. Amazing Results.”

Dave Manning, High-Quality Print Manager at VISY board factory, Victoria (Australia).

TRESU end seals ensure optimal sealing

Genuine end seals from TRESU are designed and produced to match the exact geometry of the TRESU CFC chambers – and produced with the right composite blend.



Fastest doctor blade clamping technology in the industry

With less than 2 minutes for a doctor blade change, the proven P-Line pneumatic doctor blade clamping system is the fastest system on the market today.

Scan the QR code to watch our video of a blade change.

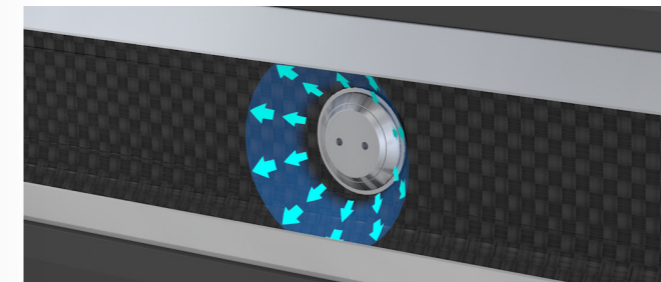


Options

- Integrated side nozzles cleaning end seals with water pressure beam
- Optional TRESU Spray Bar ensures efficient exterior moistening of anilox roller and doctor blades during the cleaning process
- Integrated nozzles designed for water shot mechanisms, fast and efficient cleaning
- Quick empty function for fast chamber evacuation



Integrated side nozzles



Integrated cleaning nozzles



Quick empty functionality

Carbon fiber chamber specifications

Profile	D3P	D4P	D5P
Weight	3.6 kg/m (0.2 pounds/inch)	5.45 kg/m (0.3 pounds/inch)	5.45 kg/m (0.3 pounds/inch)
Anilox Ø	145 - 190 mm (5.7" – 7.48")	180 - 250 mm (7.1" – 9.48)	250 - 400 mm (9.84" – 15.75")
Anilox width	Up to 2,350 mm (92.52")	Up to 6,000 mm (236.22")	Up to 6,000 mm (236.22")
Volume	2.17 L/m (0.57 gpm)	1.7 L/m (0.31 gpm)	1.8 L/m (0.48 gpm)
Print mode	Flow and pressure mode for water based inks.		
Application	For all water-based printing and coating machines.		
Recommendations	With all TRESU CFC coated ink repellent surfaces, we recommend to keep pH values between 4 and 12. For further details and compatibility of chemical materials pls. contact TRESU for guidance.		



TRESU is a highly specialized company offering flexoprinting machines and ancillary products and concepts for flexo, digital and offset printing as well as customer service and technical support.

TRESU has more than 35 years of experience and expertise in the development, production and maintenance of engineered solutions and supplies directly to end-customers, OEMs and partners worldwide.

TRESU has production facilities in Denmark and sales companies in USA, Germany, Italy, Japan and China as well as an international agency network providing local support and know-how.

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