

TRESU InkFlex

Automated WB ink circulation with great performance



Single- or multi-unit automated circulation of WB ink

- Fast and easy operation with intuitive user-friendly HMI interface
- Two air operated double diaphragm pumps for wide range of WB printing applications
- Optional digital flowmeter for accurate flow- and temperature measurements
- Automated wash and optional detergents operation for improved uptime
- Reduced micro-foaming with optional TRESU pressure control technology
- Buy modules you need now – no more, no less: Modular platform with swift activation of already built-in features if future printing needs change
- Indicative maintenance information based on number of pump strokes
- Strong construction with TRESU flexo know-how and quality parts inside
- Optional Industry 4.0 connectivity integrating with any OEM technology

TRESU InkFlex

Versatile and easy handling - with great performance



TECHNICAL SPECIFICATIONS

APPLICATION	<ul style="list-style-type: none"> Fluids Chamber system 	Water-based Open/closed
OPERATIONAL RANGE	<ul style="list-style-type: none"> Max flow Max viscosity 	Up to 20 l/min. 24 Sec. [DIN4 CUP] 70 [cP]
POWER	<ul style="list-style-type: none"> Max power consumption 	150 W
AIR	<ul style="list-style-type: none"> Air consumption: max fluid flow Air consumption: standard fluid flow 	150 l/min 130 l/min
PRESSURE	<ul style="list-style-type: none"> Pressure control range 	0 - 2,500 mBar
WASTE CONSUMPTION	<ul style="list-style-type: none"> Ink waste Water waste quick wash Cleaning time quick wash Water waste regular wash Cleaning time regular wash Water waste intensive wash Cleaning time intensive wash 	Up to 10% of total volume 2 x total vol. ~ 5 min 3 x total vol. ~ 10 min 4 x total vol. ~ 15 min
CLOSED CHAMBER SYSTEM	<ul style="list-style-type: none"> Standard operational pressure Max chamber pressure 	15 [mBar] – 30 [mBar] 500 [mbar]
OPTIONS	<ul style="list-style-type: none"> Remote access External bus interface Chamber control Oem integration and design Detergent pump Auto refill 	<ul style="list-style-type: none"> Pressure control Agitator / stirrer Ink level surveillance by scale Tray level control Chamber position surveillance Light tower