

SCREENY Printing Unit

Gallus Screen Printing for the highest demands



Discover the future of rotary screen printing!

Our new screen printing unit is a compact masterpiece, designed for seamless integration into a wide range of working environments. Featuring a double-sided drive, the unit operates independently and adapts easily to diverse printing requirements.

Our screen printing unit offers an independent printing unit in a compact design. It supports formats from 85t to 208t and, with printing widths of 340mm, 440mm and 580mm. A maximum substrate passage width of up to 60mm ensures it is ideally suited for a wide range of printing applications.

Benefit from a mechanical speed of 1-120m/min and a substrate thickness of 40-400 microns. The precise cross and diagonal register adjustment ensures perfect printing results, while the screen tear monitoring with sensors and the generous ink collecting trays guarantee a smooth production process. The user-friendly 10" color touch panel makes it possible to control all functions at a glance.

Automated format and distance adjustment between the screen cylinder and impression cylinder, along with flexible doctor blade adjustment, ensure particularly easy and user-friendly operation.

Regardless of whether you work with the Gallus system (rubber doctor blade), RKS system (carbon version) or steel rule doctor blade (bonded rubber) - our flexible doctor blade system adapts to your individual requirements. With two doctor blades for the formats 85t-135t and 135t-208t, you are perfectly equipped.

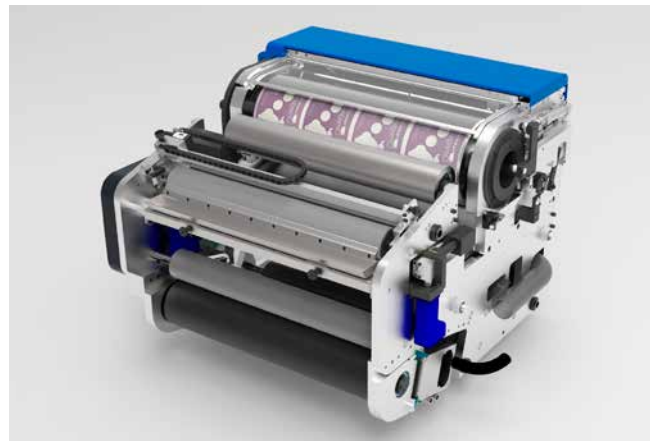
Immerse yourself in the world of efficient and precise screen printing - for results that leave an impression!



Technical information

Features:

- Fully independent printing unit
- Compact construction
- Format size 85t to 208t
- Available in print widths 340mm, 440mm, 580mm
- Substrate width 360mm, 460mm, 600mm
- Cross register +/-5mm
- Diagonal register adjustment +/-0.5mm
- Squeegee height adjustment +/-5mm, ATS, BDS synchronous
- Mechanical speed 1-120m/min
- Substrate thickness 40-400micron
- Mark reader (one mark per circumference)
- Screen driven on both sides
- Screen tear monitoring with sensor
- Large ink collecting tray
- Separate ink collecting tray and holder for screen printing doctor blade
- Screen rings without gear wheels RCS standard rings
- Including squeegee setting gauge / squeegee is set outside the screen printing unit
- Automated format and distance setting between screen cylinder and impression cylinder (0.20 mm)
- Format input in number of teeth, inches or mm, without limitation
- 10" color touch panel with all main functions accessible on the home screen
- Flexible doctor blade system for Gallus system (rubber doctor blade), RKS system (carbon), steel rule doctor blade (bonded rubber)
- Handwheel for screen cylinder rotation and register adjustment
- Squeegee to remove excess ink when starting the machine
- Automatic format length correction and register control
- Tool tips info pop-up
- Compensation bar for squeegee parallelism
- 2 squeegees incl. for 85t-135t and 135t-208t
- Includes control housing with 10m cable
- Electrical and pneumatic connections are combined by a Harting connector



Specific features:

- Standard Gallus RCS screen rings
- Standard Gallus screen equipment can be used
- Automatic pin correction when inserting the screen cylinder
- Pneumatic squeegee feed, BDS & ATS separately adjustable
- Integrated ink pump with level control (option)
- Remote maintenance/remote help (Internet required)
- LED lighting for screen cylinder
- Automated antistatic bar
- Coated deflection roller
- Tool tips, info popup on display

Options:

- GEW UV drying with chill roller, UV and UV LED prepared, water cooling
- Additional flow path (1m)
- Integrated ink pump
- Automatic ink level control (only in combination with ink pump)

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