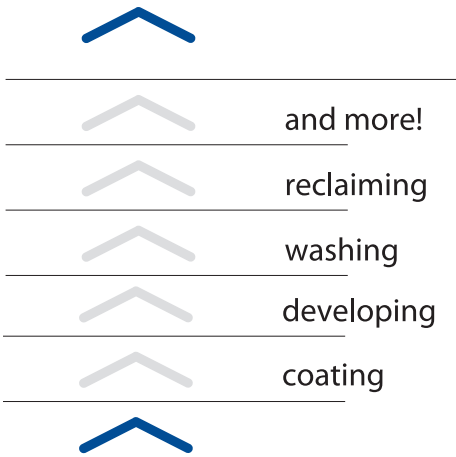




ZENTNER SpeedLine



and more!

reclaiming

washing

developing

coating

Continuous flow system for automatic washing and de-coating

Each of the modules are individually self-sufficient and are combined to form the *SpeedLine* system.

The modular construction allows extending the line

at any time to incorporate upgrades; this also covers any changing requirements for future productivity. This means flexibility built on existing investment and extends the operational scope for the *SpeedLine* system.

The standard version *SpeedLine* consists of a combination of modules for loading, washing, dwell, rinsing, decoating, finishing and offloading. All units are made of high-grade rust free stainless steel 1.4301.

Optionally the *SpeedLine* system can be upgraded to include the Incline filtration system, StripLine filtration system and fully automatic loading and offloading magazines. The control panel enables the activation and deactivation of the individual process modules. The conveyor speed can be set electronically to allow for variable settings.



FEATURES

- Brush free - noncontact cleaning
- Modular construction - line extension possible at any time
- Low maintenance construction - simple operation
- Reduced consumption system - daily cost savings
- Optimized cleaning results
- Perfect ZENTNER Systems technology
- Use of environmentally friendly chemicals

PERFORMANCE

- Variable Speed: 12"/min to 27"/min
- Throughput: ~30 to 70 screens per hour; optimum results achieved at slowest setting.
- Tank capacity: 20 gal min; 50 gal max
- Independent transport belts greatly reduce chemical transfer between modules.
- High-pressure nozzle tips are removable for cleaning or replacing.
- Results optimized when using Chromaline iSC products: Chroma/Screen Wash and Auto Strip.



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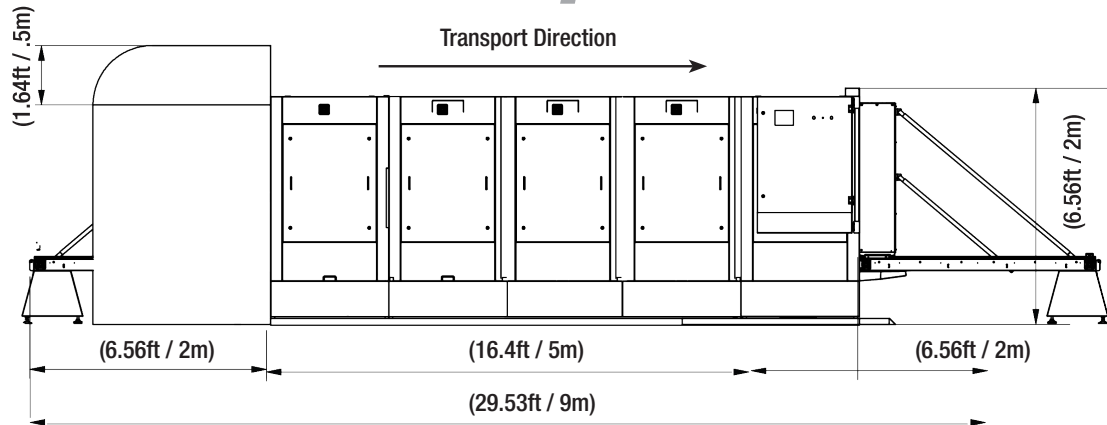
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ZENTNER SpeedLine

Continuous flow system for automatic washing and de-coating



Functional Description

Place the used screen printing stencil on the **loading module. (6.56ft / 2m)**

Module 1:

The ink-coated screen is transported through the **wash module (3.28ft / 1m)**. Moving jet arms wash off the ink on both sides. The circulating cleaning agent is filtered and flows back to the supply tank.

Module 2:

In the **dwell module (3.28ft / 1m)**, excess cleaning agent flows back to the tank of the wash module. The remaining cleaning agent prepares the screen for the final removal.

Module 3:

The **rinse module (3.28ft / 1m)** removes any residue and remaining screen filler using high-pressure water from moving jet arms.

Module 4:

In the **de-coating module (3.28ft / 1m)**, the screens are sprayed on both sides at considerably high-pressure with de-coating agent. The result is an optimally deep effect and reduced ghost images. The chemicals used are filtered and returned to the cycle.

Module 5:

The **finish module (3.28ft / 1m)** processes the stencil on both sides using high-pressure water from moving jet arms, completely removing all template residue.

The clean screen is issued at the **offloading module. (6.56ft / 2m)**

The unit is delivered with all the necessary documentation and CE mark. Special sizes on request. Designed & Manufactured in Germany

Ask your sales representative about Chromaline's integrated Screen Chemicals to ensure best results.

INSTALLATION REQUIREMENTS

Electrical connection: 3x400V, 50 Hz +N+PE, 12 kW

Waste water connection

Fresh water connection: 1", min 2 bar flow pressure by 30 L / min 50 mmØ

Compressed-air connection: 1/2", 6 bar/90psi



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