

Stork Prints

The Stork Prints Group is the leading supplier of printing consumable concepts for the textile and graphic markets as well as 2-dimensional, high accuracy, metal precision products. The group achieved a turnover of € 200 million in 2007. For more information please visit www.storkprints.com.

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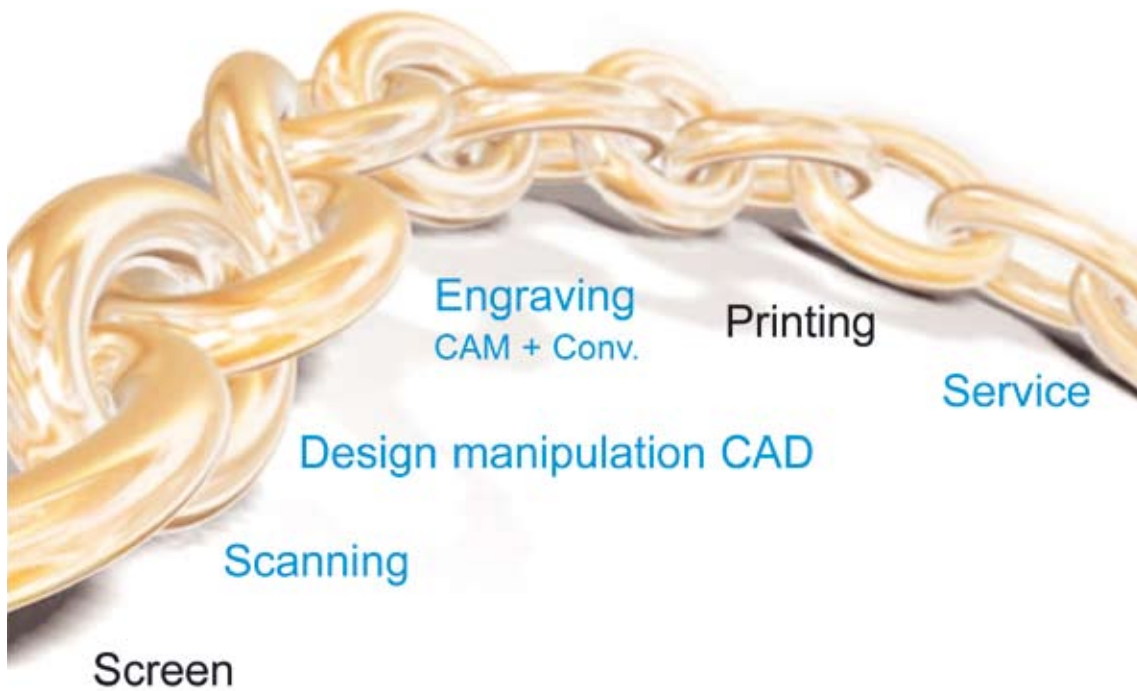


Rotary screen engraving equipment

The right solution for your system

Stork Prints

Quality Chain



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*Only if all products and steps are perfect,
the end result will be perfect too!*

Coater RSE 31xx

In order to get a high-quality print result, it is important that the lacquer coating has the right thickness and that the lacquer is applied evenly and reproducibly. Only then will it be possible to obtain a consistent high quality.

Advantages

- high speed coating
- one button control
- movable squeegee holders
- all kinds of coating with one machine

Single squeegee:

from top to bottom
(immersion coating/dip coating)

- for crinkled or stripped screens, high coating thickness (good printing resistance)

Single squeegee:

from bottom to top

- very fast coating speed, even and thin coating thickness, less lacquer consumption, ideal for laser engraving

Double squeegee:

from top to bottom

- efficient coating speed, even and thin coating thickness, less lacquer consumption, recommended for special screens, ideal for laser engraving

Reproducible process due to one button control and easy parameter setting (important with remakes). Accurate coating results due to a special construction of the rope drive without vibration and swimming squeegee holder.



Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 2,1 kVA
- machine in 3 heights available (2100/3050/3500 mm screen length)
- coating speed from 10 cm/min. up to 8 m/min.
- in accordance with CE safety

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Climatizer RSE 32xx

The Climatizer is also equipped with a cooling unit. In this way it is possible to store coated screens even several days if required (please follow the instructions of the lacquer manufacturers).

Advantages

- air circulation (filtered) from top to bottom, therefore equal temperature inside the box +/- 5°C
- heating and cooling unit process controlled

- suction connection (no solvent vapour inside the working area)

Technical data

- repeat size from 640 mm up to 1168 mm
- machine in 3 heights available (2100/3050/3550 mm screen length)
- temperature range: 10°C - 60°C
- in accordance with CE safety



Exposer RSE 33xx



The Stork RSE 33xx Exposer enables a fast and efficient process, while guaranteeing a high quality, also thanks to the new exposure system that uses a parallel beam of light, so that side lighting is prevented.

Advantages

- parallel beam of light (1:1 copy of film on the screen surface)
- semi digital marking system for fast and accurate operation
- no wrong exposer due to

- inparallel light beam)
- easy and fast screen fixing with slotted tube
- preselection of exposure time and automatic shutdown
- machine equipped for full size and partial films

Auxiliary device

Hose roller and slotted tube for different repeats.

Technical data

- repeat size from 640 mm up to 1018 mm
- power supply 5,5 kVA
- machine in 2 length available (2080/3500 mm screen length)
- compressed air supply 4 to 6 bar
- in accordance with CE safety

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Developer RSE 34xx



This machine is equipped with an inner and an outer spray pipe. While the screen turns on a pair of rotating rollers, the non-exposed lacquer is thoroughly and evenly rinsed away, both from the inside and the outside of the screen.

Advantages

- use of circulation water for the developing process (costs, pollution)
- reproducible results due to spray pipe motion
- easily adjustable spray length

Auxiliary device

Spread rings (different repeats).

Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 5,5 kVA
- machine in 2 length available (2080/3500 mm screen length)
- compressed air supply 4 to 5 bar
- water consumption 50l/min.
- in accordance with CE safety

Polymerizer RSE 35xx



Proper polymerisation and rounding is essential in order that a stable lacquer coat be obtained and no registration problems can take place during engraving and printing.

Advantages

- air circulation from top to bottom therefore equal temperature inside the box
- suction connection (no solvent vapour inside the working area)
- automatic, reproducible process (setting of time and temperature)
- automatic vapour exhaust at the process end
- low energy consumption thanks to good insulation

Auxiliary device

Rounding pliers (repeat 640 and 688 mm) and spreader rings (different repeats).

Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 16,8 kVA
- machine in 3 heights and 2 sizes available (2080/3050/3500 mm screen length)
- capacity 9 or 13 screens
- max. temperature 200°C
- in accordance with CE safety

Universal Gluer RSE 36xx



In order to obtain a satisfactory printing result, it is of the highest significance that the endrings have been properly glued in the screen, i.e. entirely parallel and precisely on the pitch points.

Advantages

- very short gluing time (3 - 9 min. depending on ending type and repeat size)
- machine for all common ending types
- automatic, reproducible process

- easily and quickly adjustable to hold different repeat sizes and ending types
- one component glue.

Auxiliary device

Repeat adaptation parts (ending holder, clamping tongs) and ending type (clamping jaws) reflector set.

Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 7 kVA
- machine in 2 length available (2080/3500 mm screen length)
- in accordance with CE safety

Soda Developer RSE 37xx (for LEX system)

After the lacquer on a screen/mandrel has been exposed on the LEX, the exposed pattern needs to be developed. The machine has both an inner and an outer spray pipe. While the screen/mandrel turns on a pair of rotating rollers, the non-exposed lacquer is thoroughly and evenly rinsed away.



Advantages

- closed circulation system for developer solution (costs, pollution)
- reproducible results due to spray pipe motion
- full automatic process (rinsing, developing, washing)

Auxiliary device

Clamping rings (different repeats).

Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 12,5 kVA
- machine in 2 length available (2300/3550 mm screen length)
- water consumption 50l/min.
- in accordance with CE safety

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Dryer RSE 38xx



After a coat of lacquer has been applied to the screens these must be dried. This can be done with the Dryer RSE 3800.

The air circulation from the top down and the automatic temperature control ensure an optimum and reproducible drying process.

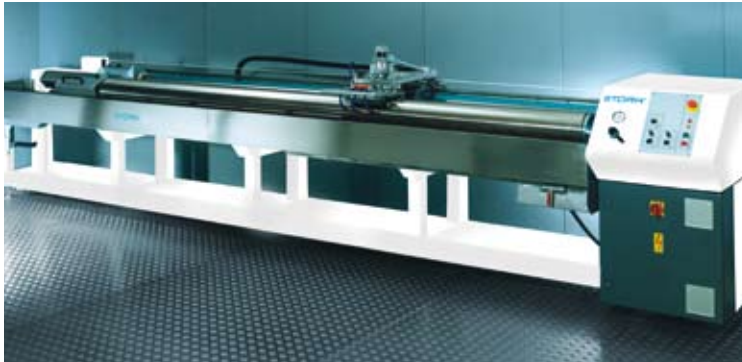
Advantages

- air circulation from top to bottom therefore equal temperature inside the box
- suction connection (no solvent vapour inside the working area)
- heating unit process controlled

Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 10 kVA
- machine in 3 heights available (2100/3050/ 3550 mm screen length)
- max. capacity 13 screens
- temperature range from room temp. up to 60°C
- in accordance with CE safety

Grinder RSE 39xx (for LEX system)



The grinding and cleaning of mandrels/sleeves, prior to their being coated with photosensitive lacquer, is an essential part of the production process for high-quality galvano screens, especially in case of exposure in the laser exposer (LEX). The grinder RSE 3900 guarantees that the surface of the mandrels/sleeves is of the

quality prescribed to achieve a perfect coating, thus enabling the results of the subsequent processes, such as exposure and electroplating, to be of a high quality as well.

Advantages

- grinding head with automatic advance and reciprocating motion
- permanent rinsing with water

- cone carriers for repeat 640 mm (other repeats are optional)
- moveable tailstock for different screen lengths
- internal pressure system for good stability of the mandrels

Auxiliary device

Cones (different repeats).

Technical data

- repeat size from 640 mm up to 1168 mm
- power supply 1 kVA
- machine in 2 length available (2500/3900 mm screen length)
- compressed air supply 5 to 10 bar
- water consump. 4 - 6 l/min.
- in accordance with CE safety

Auxiliaries Product Range



Unpacker AUX 31xx



Degreasing tank AUX 32xx



Developing tank AUX 33xx



Lightstand AUX 34xx



Screen Masking Device AUX 35xx