

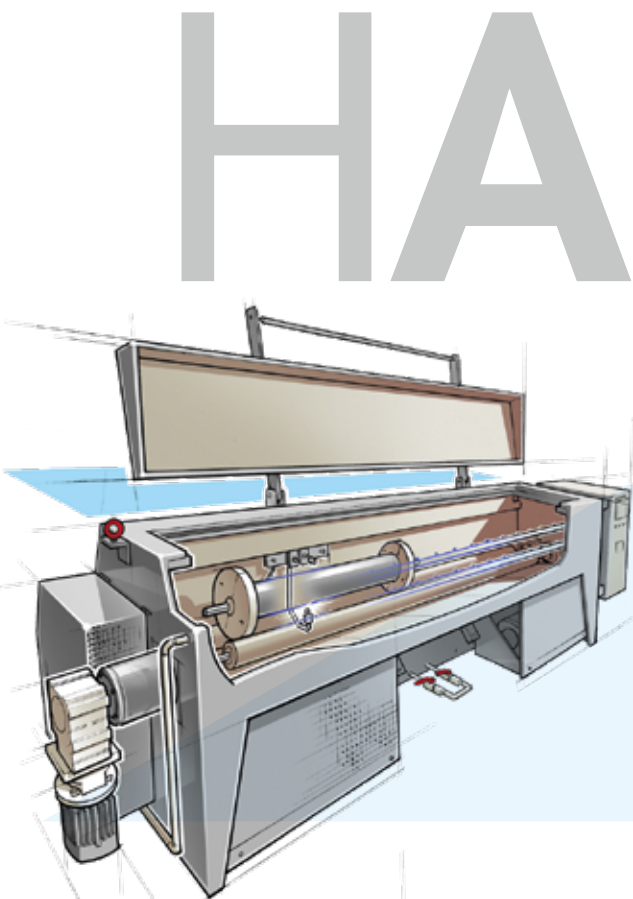
Model HA

Cleaning of screen rollers and gravure cylinders

- ▶ Top loader with closed stainless steel washing chamber
- ▶ Stainless steel machine lid; operation is only possible when the lid is closed; the machine cannot be opened until the washing program is complete
- ▶ Roller rotating and support device consisting of a pair of stainless steel shafts with bearings at the faces of the machine; the shafts are driven by an external gear motor
- ▶ The parts need not be positioning exactly in the machine; the device can be adjusted easily to different roller/cylinder lengths
- ▶ A washing agent system sprays soiled surfaces evenly with alkaline washing agent
- ▶ Washing agent system containing of a stainless steel washing agent container under the washing chamber, a circulating pump and a spray pipe system
- ▶ The washing agent container includes a flow-type heater (temperature up to 60 °C), filling level control (operating level, max. level) and large-surface, removable fine strainers
- ▶ High-pressure system for precise spraying of the roller/cylinder surfaces pre-treated with washing agent
- ▶ The high-pressure system consists of a high-pressure reciprocating pump (100 bars) connected to the on-site water supply system, and a carriage with a high-pressure flat jet nozzle (adjustable travel) that oscillates horizontally
- ▶ A blow-off device moving horizontally on a carriage removes residual water from the roller/cylinder surfaces
- ▶ Control system (PLC) including control elements and signal lamps in a control box mounted to the washing chamber; automatic washing program: spraying with washing agent – draining – high-pressure rinsing – blowing off with compressed air; all process steps are executed while the rollers/cylinders are rotating

Accessories

- ▶ Separate water circuit for the high-pressure system; warm water is stored in a second, separate stainless steel high-pressure container under the washing chamber; the warm water is used to rinse off the washing agent under high pressure, thereby improving the cleaning result and reducing water consumption
- ▶ Water container for the high-pressure pump including an immersion heater (temperature up to 60 °C), filling level control (operating level, max. level) and large-surface, removable fine strainers
- ▶ Stainless steel high-pressure pump
- ▶ Rinsing with water (only in combination with a water circuit); includes a separate stainless steel rinsing pipe, heat exchange tube and stainless steel connecting pipes
- ▶ The machine containers are drained by a diaphragm pump



| Washing machine model HA | Size 15 | Size 20 | Size 25 |
|--|--------------------|--------------------|---------------------|
| Number of rollers / sleeves / cylinders | 1 | 1 | 1 |
| Diameter max. mm | 250 | 250 | 250 |
| Weight max. kg | 380 | 380 | 380 |
| Length roller / cylinder max. mm | 1500 | 2000 | 2500 |
| Length sleeve max. mm | 1200 | 1700 | 2200 or 2x each 900 |
| Capacity of high-pressure pump P2 kW / l/min | 3 / 10 | 3 / 10 | 3 / 10 |
| Heating capacity kW | 2 | 4 | 4 |
| | | | |
| | L x W x H | L x W x H | L x W x H |
| Dimensions mm | 2870 x 1000 x 1300 | 3370 x 1000 x 1300 | 3870 x 1000 x 1300 |
| Required space mm | 4200 x 2800 x 1900 | 4200 x 2800 x 1900 | 4200 x 2800 x 1900 |
| Transport clearance mm | 3000 x 1800 x 1800 | 3500 x 1800 x 1800 | 4000 x 1800 x 1800 |

* Subject to technical changes

