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RENZMANN washing machines for ink pans, doctor blades, cylinders, anilox rollers, anilox sleeves and other printing press parts

Your data

Company:	
Industry:	
Contact person:	
Street:	
ZIP code, City:	
Phone:	
Fax:	
E-mail:	

1. General

Print technology

☐ Gravure ☐ Offset

☐ Flexo ☐ others

Print products

☐ Magazines/catalogues ☐ Textile

☐ Packaging/paper/film/aluminium ☐ Coating

☐ Wallpaper ☐ other

Number of print units

Gravure: [ ] pcs with printing width from [ ] mm to [ ] mm

Flexo: [ ] pcs with printing width from [ ] mm to [ ] mm

Offset: [ ] pcs with printing width from [ ] mm to [ ] mm

others: [ ] pcs with printing width from [ ] mm to [ ] mm

2. Operating time per day

The presses are in operation for [ ] shifts/day.

The washing machine should be in operation for [ ] shifts/day.

3. Quantity of items to be washed (ink pans, ink pump container, cylinders, etc.)

How many job changes per day?

Number of cylinders/rollers/sleeves to be washed?

Calculate the area in m², which would be covered by all parts that have to be washed within an 8 hours period. This gives a measure of the quantity of items to be washed.

Items to be washed within 8 hours in m²:

4. Dimensions of items to be washed

Largest ink pan (LxWxH):

Number of this ink pan within 8 hours:

Largest ink pump container (LxWxH):

Number of this ink pump container within 8 hours:

5. Dimensions of cylinders/anilox rollers/anilox sleeves

Total length including shafts: mm

Max. diameter: mm

Total number of cylinders/anilox rollers/anilox sleeves within 8 hours:

Surface material:

☐ ceramic   ☐ copper

☐ chromium   ☐ others

☐ steel

Number of lines of anilox rollers/anilox sleeves:

6. Washing process at present

☐ With solvent   ☐ other media, if yes: which one?

☐ caustic

☐ by hand   ☐ by washing machine

Why is this process no longer satisfactory?

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7. Details regarding wash medium

Which wash medium should
be used in future?

Do you have experience with it? ☐ yes ☐ no

Do you like suggestions? ☐ yes ☐ no

8. Exhaust

Is an exhaust air treatment system (ATS) available to connect the washing machine to?

☐ yes ☐ no

Which kind of ATS?

☐ thermal ☐ active carbon

☐ catalytic ☐ bioreactor

☐ regenerative ☐ other

What is the available exhaust air volume if washing machine should be connected? _____ m³/h

What is the suction pressure of the on site exhaust system? _____ mm/WS

Is there an on site exhaust duct to the ATS? ☐ yes ☐ no

Nominal diameter: _____ mm

Where is the position of the duct/connecting point in the washing room? _____

Distance between connecting point and entry of the ATS/roof: abt. _____ m

Max. permissible solvent concentration of the exhaust air fed to the ATS: _____ g/m³ or _____ % LEL

Does the wash area already have a forced room ventilator? ☐ yes ☐ no

How many air changes per hour? _____

9. Electrical equipment

Voltage: _____ Volt

Frequency: _____ Hz

Phases/neutral: _____

Type of protection: _____

Installation of switch cabinet: ☐ outside ☐ inside

Distance switch cabinet to unit: _____ m

Ambient temperature: _____ ° C

Special climatic conditions: _____

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10. Compressed air

Pressure: [   ] bar

Water drainage existing: [ ] yes [ ] no

Oiled: [ ] yes [ ] no

Existing capacity: [   ] Nm³/h

11. Heating energies

Steam: [   ] bar

Thermal oil: [   ]

Pressure run: [   ] bar

Pressure return: [   ] bar

Temperature: [   ] °C

12. Cooling

Cooling water on site: [ ] yes [ ] no

Max. cooling water temperature (run): [   ] °C

Max. pressure: [   ] bar

On site cooling water circuit existing: [ ] yes [ ] no

Cooling water circuit requested: [ ] yes [ ] no

13. Details to control interface

Control interface:

Exhaust treatment [ ] yes [ ] no

Fire detection [ ] yes [ ] no

CO_2 extinguishing unit [ ] yes [ ] no

On site solvent supply [ ] yes [ ] no

Existing units [ ] yes [ ] no

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14. Installation of the machine

☐ New building   ☐ Existing room   ☐ Not yet decided

Building/room drawing or sketches available? (see enclosure)   ☐ yes   ☐ no

Room dimensions (LxWxH)   [_____]

Are there already units installed in that room?   ☐ yes   ☐ no

Are lifting devices (cranes), fixing points at ceiling existing?   ☐ yes   ☐ no

15. Protection of soil and ground water

Is a bunded floor available in the room?   ☐ yes   ☐ no

What is the volume retained by that bunding?   [_____]   litres

Should separate collecting pans be provided?   ☐ yes   ☐ no

Collecting pans   ☐ existing on site   ☐ to be offered