InfoSight

Flyer 1007

COLORBAND[™] Pipe Marking System



Custom 5 color/8-nozzle Colorband System including Jib

InfoSight designs and builds Colorband pipe marking solutions for automatic colorband application on spinning pipes. The equipment is custom-designed to match your marking requirements and pipe handling geometry.

The *COLORBAND*[™] system can be provided with any number of colors and/or nozzles to provide easy setup of the desired colors and number of pipe bands to meet your variable production requirements.

InfoSight can provide over-the-tube nozzle support equipment (example pictured on left) as well as under-the-tube (pictured next page) support equipment depending on our customers needs and allotted space.



System Options

- Manual color change is standard, using a switchboard plug-in color selection ink panel
- Automatic color change, with PLC control, can be provided at additional cost
- Base System geometry is 5-color tanks + 1 solvent tank / 3 spray nozzles. Systems with additional colors and/or nozzles can be proposed to match your requirement
- InfoSight provides the color banding equipment only, for integration into positioning equipment by others, or we also provide custom-nozzle positioning equipment to match the customer's requirement. Over-the-pipe and under-the-pipe nozzle mounting is possible
- Equipment is designed specifically for industrial pipe and tube mill applications with rugged construction, using proven technologies
- InfoSight, and our predecessor TELESIS, have been designing and building Colorband Systems since 1979

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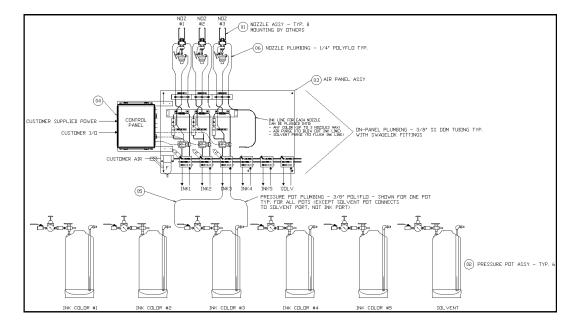
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Example of under-the pipe nozzle mounting at spin roll station

Utilities:

Air	75psi (5 bar), clean and dry 10-15 scfm per nozzle typical
Electric	110/220VAC, single-phase, 50/60 Hz, 15 amps typical
System Specifications:	
	3 nozzle base system, custom-configurable per application
Number of colors	5 color base system, custom configurable per application
Nozzle type	Air nebulized spray nozzle
Actuation	Air-actuated
Nozzle on-time	Set by adjustable potentiometer to match pipe spin rotation rate and pipe diameter
Spray distance from surface	Adjustable, recommend 1" to 2" (25 to 50 mm) from nozzle tip to pipe
	surface, depending upon desired colorband width
Color change and air/solvent flush	Via switchboard plug-in (standard) - automatic color change with PLC control
	offered as option
Color per nozzle	One unique color per nozzle per setup-note that up to three (3) nozzles can be
·	assigned the same color if needed
Nozzle ink system	Independent ink circuit for each nozzle, with ink sourced via tubing plug-in
	selection at switchboard for ink, solvent or (air) purge. Optional automated color
	change is also available.



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