Ultratube

Flexo Graphic fully servo driven machine for

Ultra quality decoration

of tubes at Ultra speed



| COLORS max number: up to 13 colors graphic: unlimited decoration possibilities with direct print , plate: fast changing due to sleeve for doctor blade: Colors max number: up to 13 colors graphic: unlimited decoration possibilities with direct print , ink feed: stainless steel perista | fast chang automati |
|---|------------------------------------|
| COLORS <u>max number</u> : up to 13 colors graphic: unlimited decoration possibilities with direct print , <u>ink feed</u> : stainless steel perista | |
| | nuc pump |
| any kind of effect [metallic, relief, frost, lacquer] | arc · most |
| PRINTING decoration: flexographic print quality with full control of all print related parameters from the operator panel; | <u>-15 .</u> 11103t |
| resolution: up to and over 70 l/cm [180 lpi] for top quality cleaning: deior density: lowest density down to 1%; very wide dynamic range flame treatmen | |
| registration: extremely accurate registration enabled by servo driven axis, +-0,02 mm guaranteed for machine life due to total & unique | <u>. gas-an</u> n |
| gear-less solution (true gear-less press); | <u>g speed</u> : re th tubes ar |
| print /dry: curing between each color, allowing true high quality like grayure and offset HD / Full HD | speed of a |
| mandrel: top precision with accurate bearing, for "kiss touch" print quality; FLEXO PRINT FLEXO PRINT fully serve driven mochine torque motor | |
| compensation of the slightest | andrel tal |
| decoration of tubes printing qu | solid fo |
| Multi-color | |
| Flexo Graphic SW & Logic: development b | oy Omso G ServoCup |
| TRADITIONAL TRADITIONAL | |
| PRINT PRINT | /ery group |
| secondition intense color mechanics: v | virtually no |
| at Soft transition high maximum density pl. | <u>ate:</u> no gea |
| CHANGEOVER speed: extremely fast changeover due to access level: multip * the large number of printing groups allows a minimal cleaning, access level: multip | ole operato |
| leaving each color in position * servo driven adjustment from memory | |
| tools: no tools required for tooling replacement (tool-less); | cture and a |
| gears: none, full control from operator panel on all servo driven functions | afety: full |
| product data: complete menu for job related settings with instant recall function for operator panel: 360 degree movement all around the machine circumference | or and ma |
| outside guarding, with fully graphics for each station, adjustments can be made with guards closed, even with the machine running. | built |
| | <u>troubles</u> he print gr |
| sensible tubes and sleeves unload: 2 phase unload servomotor strokes for high speed, optimized for sleeve | <u>remot</u> |
| REGISTRATION neck thread or cap reading for precise print orientation | |
| UV CURING water shield for heat removal, stand by during table index, electronic ballast | |
| ENERGY/ possibility of UV Led for energy saving and no heat on tubes, "instant on" technology | |
| SPACE-SAVER: and virtually no maintenance, no ozone, no visible light <u>layout:</u> very compact layout to save plant floor space | |

ERGONOMY

up: optimal visibility and accessibility at, off-line registration plate mount jig ange and separate motor drive, no gear tic pressure adjustment for consistent inking and long blade life

p for normal run or open ink fountain for small lot adjustment can be made "on the fly"

with machine running

th brush and vacuum to clean surface mixing and volume adjustments from operator panel

reliable performances up to 200 ppm, and sleeves, any diameter and length; any print/dry machine on the market

le indexing : very precise index angle, maintenance, the table can freely turn by hand during changeover able : very stable alloy machined from for top temperature and time stability id construction to avoid any vibration

Group, based on success of Servotube o and ServoBottle; capability to follow customer's specific request

notors and reducer: life time lubricate up has specific lubricating socket with distributing hose for quick operation no mechanical mechanism to maintain servo technology "self protecting" ear between plate cylinder and anilox

tor level access in relation to skill and password protection n and electronic control from terminal cription of all features with help guide on operator panel, d a paragraph" describes each function

I management of all critical situations achine safety feature at tube diameter change to avoid any collision diagnostic: auto-diagnostics features It in program, fully detailed diagnostic eshooting: possibility to easily remove group from the machine maintainance offline

ote assistance. via customer's internet connection.

TREATMENT

PERFORMANCES

MAINTENANCE

USER FRIENDLY

SAFETY & TROUBLE SHOOTING



FLEXIBILITY

QUALITY

GENERAL

CONTROLS

configurations: high flexibility due to totally independent groups investment protection: guaranteed as any decoration can be obtained table: 36 stations and mandrels



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