

Soma Flex MINI

With its low space requirement and a design that ensures high print stability and ease of operation the Soma Flex MINI represents an ideal gateway to high quality flexographic printing. The flexible packaging market is facing ever greater challenges such as shorter runs, higher quality and increasing customer expectations. The Soma Flex MINI can help you meet all these and more.

Flexographic Printing Press



PRODUCTION EFFICIENCY

- speed up to 300 m / min
- fast job exchange
- sleeve technology
- Bosh Rexroth INDRAMAT – direct drive technology
- intuitive Touch Screen environment

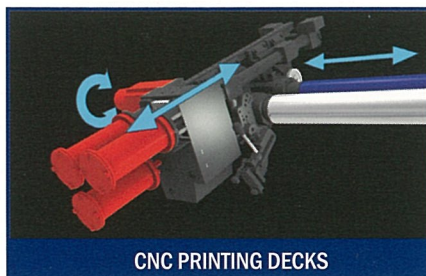
PRINT QUALITY

- excellent dynamic properties
- CDTS – central drum thermal stabilization system
- emphasis on high printing stability
- UV / EB ink curing (option)

| Technical Parameters | Metric | Imperial |
|---|---|------------------------|
| Web width | 850 mm | 33.5 inch |
| Printing repeat length | 260 (250) – 600 mm | 10.2 (9.8) – 23.6 inch |
| Max. roll diameter | 800 mm | 31.5 inch |
| Max. mechanical speed | 300 m / min | 984 fpm |
| No. of printing decks | 6 / 8 | 6 / 8 |
| Gearless servo motors | Optional | Optional |
| Solvent / water-based, UV / EB curable inks | Optional | Optional |
| Processed material | LDPE, PA, HDPE, PP, paper and film laminate | |



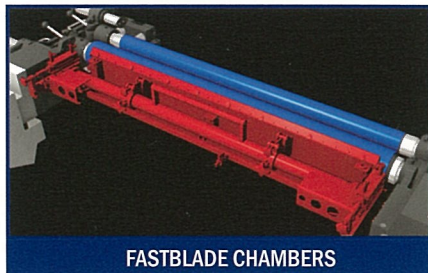
SLEEVE TECHNOLOGY



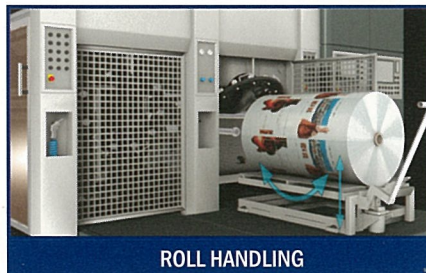
CNC PRINTING DECKS



GEARLESS TECHNOLOGY



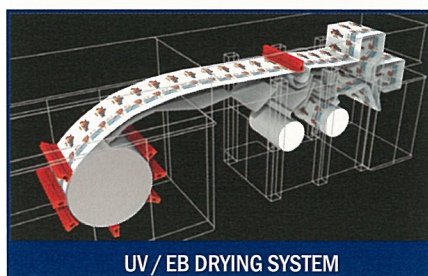
FASTBLADE CHAMBERS



ROLL HANDLING



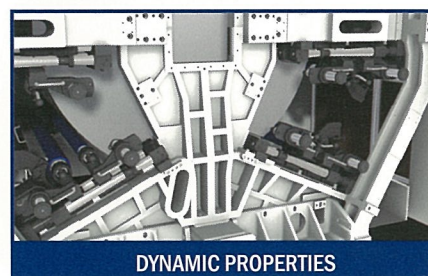
PRESS CONTROL SYSTEM



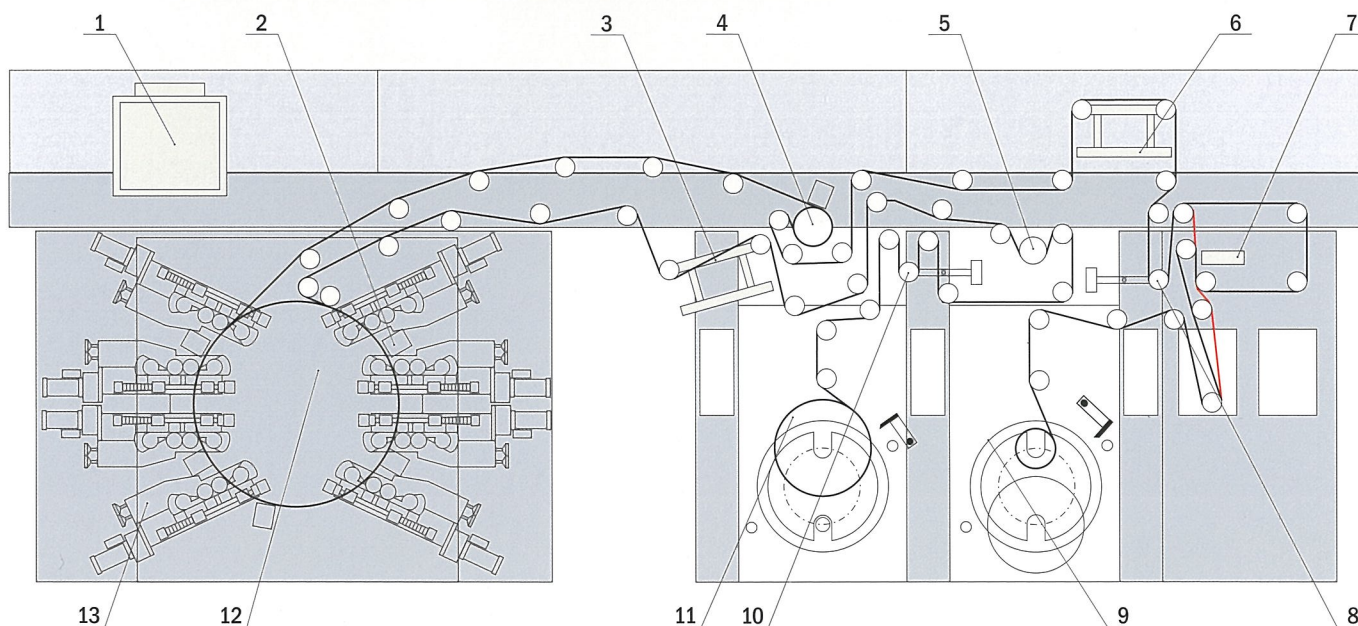
UV / EB DRYING SYSTEM



HEAT MANAGEMENT



DYNAMIC PROPERTIES



- 1 CENTRAL DRUM THERMAL STABILIZATION UNIT
- 2 PRINTING DECK DRYING SYSTEM
- 3 WEB GUIDING SYSTEM
- 4 COOLING CYLINDER
- 5 IONIZATION TREATMENT

- 6 WEB GUIDING SYSTEM
- 7 WEB INSPECTION CAMERA
- 8 REWIND TENSION CONTROL
- 9 REWIND NON-STOP CHANGE OVER
- 10 UNWIND TENSION CONTROL

- 11 UNWIND NON-STOP CHANGE OVER
- 12 CENTRAL DRUM
- 13 PRINTING DECK

Manufactured by Soma



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