FUSION

SERIES

ONLY CENTRAL IMPRESSION PRESS MANUFACTURED IN NORTH AMERICA

SPECIFICATIONS

- 8 or 10 colors

- Speeds at 1300 fpm (396 mpm), 1500 fpm (457 mpm) and 2000 fpm (609 mpm)

- Widths at 42 in (1066 mm), 52 in (1320 mm), 59 in (1498 mm) and 66 in (1676 mm)

- Print repeats from 12 in (305 mm) to 45 in (1140 mm)

- Lowest cost impression setting via IntelliPrint™ which uses ZERO web

- Largest ink chamber opening and the least solvent used in wash-up

- Efficient air drying (no gas drying required); low incinerator costs

- High-safety design,including OSHA standards of zero-speed interlocked guarding and no open flames

- Full press changeover in 6 minutes per deck with no need to clean anything by hand

- Safe and cost-efficient regenerative power braking; 15-second quick stop from 2000 fpm (609 mpm)

- Configurable options: web threadup, drum cleaner, slitter, pitless press access lift system, solvent saver, and 100% defect detection system

KEY FEATURES

CI Drum Cleaner

- Drum cleaned during changeover; no press downtime, and web stays in the press
- Automatic cleaning cycles (light wash, flood wash, manual touch-up)
- Used for water or solvent based ink system

Vortex HP Automatic Wash-Up System

- Hands-free and fully-automatic controls
- Washup of any/all print decks at the same time
- Easy-to-operate touch screens
- 4 minute cycle to wash all decks
- No anilox wiping needed; reduced ink contamination
- Proven low-maintenance pump design
- Integrated viscosity and pH control options
- Solvent saver option
- Ink cooling options

Flextreme Drying System

- 50% less supply/exhaust air required compared to other systems
- Less energy required, potentially from renewable sources
- 400°F maximum set point temperature
- High-velocity impingement of air
- Operator friendly, quiet operation (<85 dBA) and no confined space requirements
- Improved overhead access, less maintenance
- Low-temperature options available for sensitive films

Automation and Ease of Operation

- Easy-access features throughout
- Automatic process control
- Automatic impression setting option
- Automatic register setting option
- Automatic splice/transfer options

Paper Converting Machine Company

barrywehmiller bW betterworld

FUSION

FUSION SERIES COMPARISON CHART

SPECIFICATION	FUSION CX	FUSION FLEX	FUSION BOARD
WIDTHS	42 in (1066 mm) 52 in (1320 mm)	42 in (1066 mm) 52 in (1320 mm) 59 in (1498 mm) 66 in (1676 mm)	42 in (1066 mm) 52 in (1320 mm) 59 in (1498 mm) 66 in (1676 mm
MAX PRINT REPEAT	30 in (762 mm)	36 in (914 mm) to 45 in (1140 mm)	36 in (914 mm) to 45 in (1140 mm)
SPEED	1300 fpm (396 mpm)/ 1500 fpm (457 mpm)	1500 fpm (457 mpm)/ 2000 fpm (609 mpm)	1500 fpm (457 mpm)/ 2000 fpm (609 mpm)
COLORS	8 or 10	8 or 10	8 or 10
SUBSTRATES	Film, Foil, Paper	Film, Foil, Paper, Tube	Board, Foam, Foil
INKS	Solvent, Water, UV, EB	Solvent, Water, UV, EB	Solvent, Water, UV, EB
FOOTPRINT	24 ft (7.3 m) W x 44 ft (13.4 m) L	24.5 ft (7.5 m) to 26 ft (7.9 m) W x 60 ft (18.2 m) to 63 ft (19.2m) L	27 ft (8.2m) to 28.5 ft (8.7 m) W x 113 ft (34.4 m) L
HEIGHT	14 ft (4.3 m) - 8 Color 15 ft (4.6m) - 10 Color	14 ft (4.3 m) - 8 Color 16 ft (4.9 m) - 10 Color	18.5 ft (5.6 m)