

## Exhibit Categories CCE International 2021

### 1. Raw materials and consumables

- 1.1 Blocking foils
- 1.2 Barriers, coatings and varnishes
- 1.3 Polyurethane products and systems
- 1.4 Cartonboard
- 1.5 Cartonboard (barrier treated)
- 1.6 Inks
- 1.7 Window film
- 1.8 Tape (tear strip / splicing)
- 1.9 Adhesives (converting)
- 1.10 Casemaking raw materials (fluting / liner)
- 1.11 Lubricants (corrugator and converting)
- 1.12 Corrugated starch / additives
- 1.13 Strapping material
- 1.14 Raw materials and consumables, general

### 2. Corrugating line

- 2.1 Corrugator stackers
- 2.2 Web alignment
- 2.3 Corrugator belts
- 2.4 Sheet board counter
- 2.5 Bridge / tension control
- 2.6 Steam systems
- 2.7 Double backer
- 2.8 Single facer corrugator
- 2.9 Glue systems
- 2.10 Complete corrugator
- 2.11 Slitter / Rewinder
- 2.12 Rotary shear
- 2.13 Sound enclosures
- 2.14 Mill roll stands
- 2.15 Cut-off knife
- 2.16 Cutting and creasing tools
- 2.17 Splicers
- 2.18 Starch kitchen
- 2.19 Corrugator automation and controls
- 2.20 Corrugator rolls
- 2.21 Corrugating line, general

### 3. Corrugated converting equipment

- 3.1 Sheet cleaning
- 3.2 Boxmaker (one piece)
- 3.3 Printer slotters
- 3.4 Folder gluer (specialty stand alone)
- 3.5 Flat bed die cutter (manual, semi and auto)
- 3.6 Stitcher
- 3.7 Inline flexo folder gluer
- 3.8 Chambered doctor blades
- 3.9 Adhesive applicator / detector / monitoring systems
- 3.10 Sound enclosures
- 3.11 Litho laminator (full and label)
- 3.12 Quality control systems (inline)

- 3.13 Anilox rolls and cleaning systems
- 3.14 Rotary die cutter (stand alone or inline)
- 3.15 Knives & consumables
- 3.16 Anvil covers
- 3.17 Partition maker / assembler
- 3.18 Instruments for quality control
- 3.19 Corrugated converting equipment, general

### 4. Folding Carton converting equipment

- 4.1 Box making machinery
- 4.2 Braille applicator
- 4.3 Code reader / verifier
- 4.4 Product quality detector and monitoring
- 4.5 Folder gluer belts
- 4.6 Folder gluer
- 4.7 Window patcher
- 4.8 Hologram devices /application
- 4.9 Carton erecting / tray forming
- 4.10 Adhesive applicator / monitoring
- 4.11 Litho laminator (full and label)
- 4.12 Pick and place systems
- 4.13 Foil blocking (hot and cold)
- 4.14 Embossing equipment
- 4.15 Case packer (inline with gluer)
- 4.16 Die cutter (manual, semi and auto)
- 4.17 Instruments for quality control
- 4.18 Folding carton converting equipment, general

### 5. Printing equipment

- 5.1 Anti-static equipment
- 5.2 Coaters
- 5.3 Digital
- 5.4 Print inspection
- 5.5 Ink viscosity / pH controls
- 5.6 Flexo post printer (offline)
- 5.7 Flexo pre-printing press
- 5.8 Flexo web press
- 5.9 Inline cast & cure
- 5.10 Inline foiling
- 5.11 Litho offset (sheet fed)
- 5.12 Gravure press
- 5.13 Drying (UV and IR)
- 5.14 Printing equipment, general

### 6. Pre-production and pre-press

- 6.1 Mounting / proofing systems
- 6.2 CAD / CAM systems
- 6.3 Ink kitchens and blending systems
- 6.4 Board sheeter
- 6.5 Photopolymer plates and plate making equipment

- 6.6 Plates, knives and consumables
- 6.7 Plate washer
- 6.8 Rotary shells and dies
- 6.9 Sample maker / plotter
- 6.10 Cutting and creasing matrix / rule / formes
- 6.11 Die making equipment
- 6.12 Pre-production and pre-press, general

### 7. Materials handling warehousing

- 7.1 Stacker (converting)
- 7.2 Load former
- 7.3 Conveyor systems / components (reel and stack)
- 7.4 High rack storage
- 7.5 Die / stereo storage systems
- 7.6 Palletiser
- 7.7 Pre-feeder
- 7.8 Transfer cars
- 7.9 Separator / breaker / blanker
- 7.10 Pile turner / jogger
- 7.11 Stretch / shrink wrapper
- 7.12 Strappers and banderoling (bundle)
- 7.13 Compression strappers (pallet)
- 7.14 WIP storage systems
- 7.15 Materials handling and warehousing, general

### 8. Machine and plant controls

- 8.1 Data collection
- 8.2 Complete plant scheduling
- 8.3 Cost estimating and plant admin
- 8.4 Warehouse / tracking
- 8.5 Machine monitoring
- 8.6 MIS systems
- 8.7 Corrugator scheduling
- 8.8 Machine and plant controls, general

### 9. Waste extraction and baling

- 9.1 Waste conveying (belt / air)
- 9.2 Effluent plant / systems
- 9.3 Waste water treatment
- 9.4 Balers (horizontal and vertical)
- 9.5 Shredders
- 9.6 Dust extraction
- 9.7 Hoggers
- 9.8 Waste extraction and baling, general

### 10. Service, information & communication

- 10.1 Trade & technical publications
- 10.2 Research & development
- 10.3 Service & consulting
- 10.4 Associations
- 10.5 Service, information & communication, general