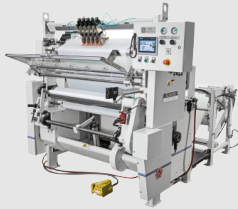


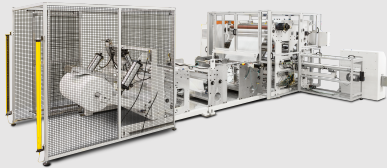
# WHICH ELSNER ENR-SERIES MACHINE IS RIGHT FOR YOUR PRODUCTION GOALS?



MPR-42



ENR-1000



ENR-G3

|                           |  |  |   |
|---------------------------|--|--|---|
| AUTOMATION                | Semi-Automatic   | Fully-Automatic  | Fully-Automatic   |
| SPEED                     | 400 ft/min. max. Stop/Start                                    | 400 ft/min. max. Constant speed  | 700 ft./min. constant speed   |
| CYCLE RATES               | n/a: Operator Dependent  | 15 cycles/minute   | 22 cycles per minute  |
| EDGE GUIDE                | No   | Yes  | Yes   |
| TAIL FINDER               | No   | Yes (Bi-directional)   | Yes   |
| SHEET LENGTH (PERF PITCH) | 4" to 24"  | 4" to 24"  | 4" to 12"   |
| OPERATON MODE             | Sheet/Length   | Sheet/Length   | Sheet Only  |
| ROLL CLOSURE              | None   | Glue/Ultrasonics   | Glue/Ultrasonics  |
| CORE/CORELESS             | Core/Coreless  | Coreless Only  | Coreless Only   |
| MAX. ROLL Diameter        | 12"  | 10"  | 12"   |
| CONFIGURATION             | Right Hand Only  | Right Hand Only  | Right or Left Hand  |
| TIME TO CHANGE BLADES     | Long time: micrometer setting for top, quick-change for bottom | Long time: micrometer setting for top blade, quick-change for bottom                 | Short time: top blade sets to a "ledge" to shorten change time, bottom blade quick-change |
| CONTROL                   | Main Drive, electric clutch to drive spindle                   | Main drive, fixed ratio drive to major com-ponents, electric clutch to drive spindle | 22 independent motors, electric clutch to drive spindles                                  |
| BEARING PRE-HEAT TIME     | 6 hours  | 6 hours  | ZERO  |
| VISIBILITY                | Open   | Sheet metal with laser cut windows   | Open, aluminum extrusion with polycarbonate windows                                       |
| FOLDING PLOW ACCESS       | Open   | Guarded, optional "outside of guarding" handwheels and counters                      | Open, aluminum extrusion w/ polycarbonate windows   |
| TURRET INDEX              | No Turret  | Servo positioning  | Smooth Camco gearbox  |
| INTEGRATION               | Can ship whole   | Free-standing cabinet  | Integrated cabinet (mounted to main frame)  |
| SPINDLE CHANGE            | Quick: 4 bolts to remove spindle and bearing housing.          | Involved- disassembly of spindle drive required                                      | Fast: flange-mounted spindles easily-removed, drive remains intact                        |
| WEAKEST LINK              | Relies on speed of operator                                    | Fiber gears on spindle drive   | TBD   |