

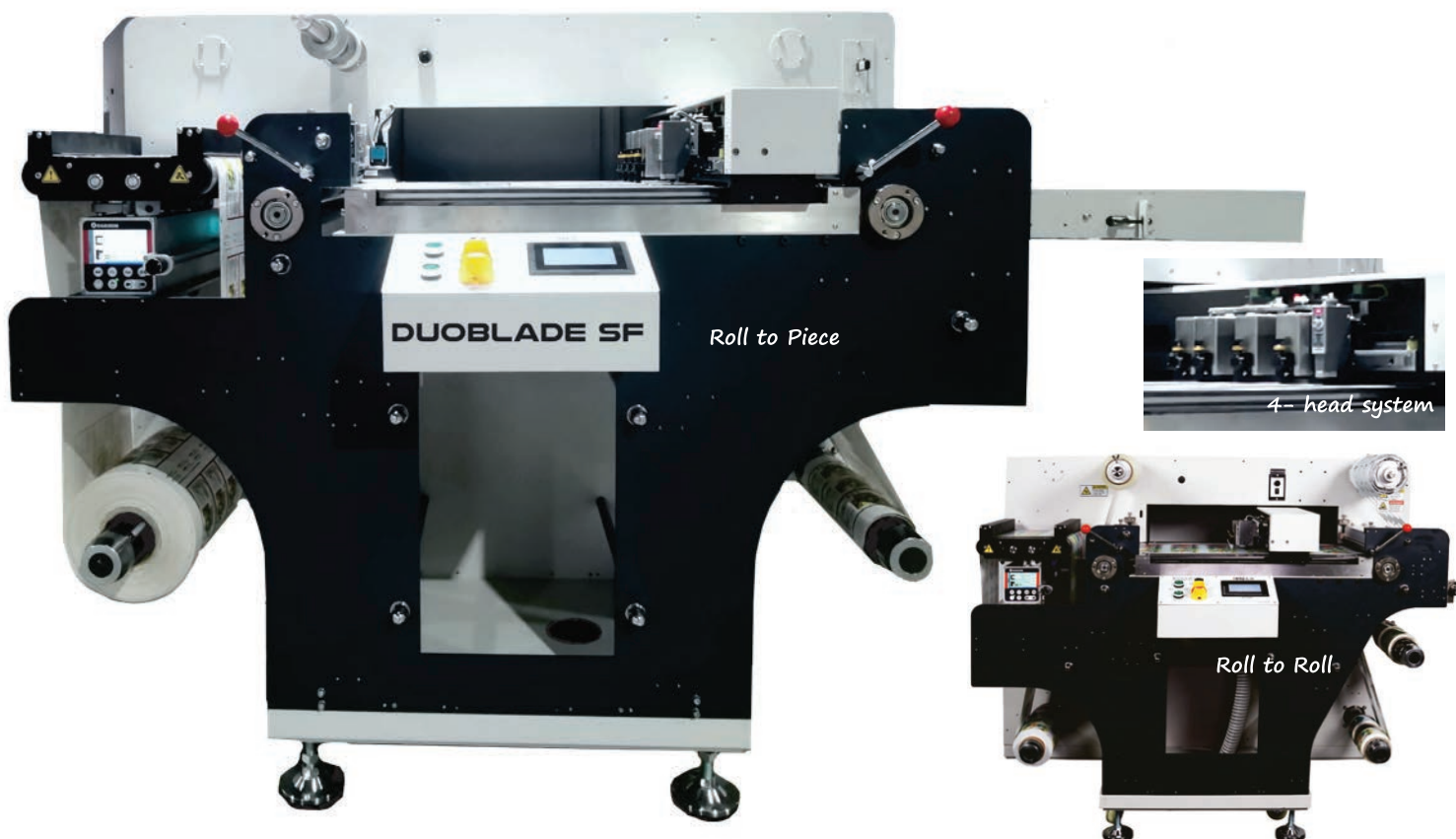


ON-DEMAND PRODUCTION OF LABEL & PACKAGE  
IN RIGHT TIME, RIGHT PLACE & RIGHT QUANTITY



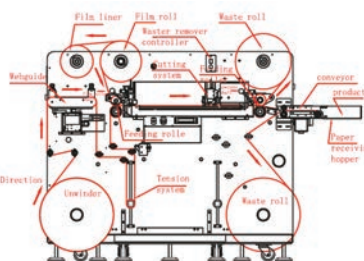
# DUOBLADE SF4

Ultimate multi-purpose Digital label finisher for roll to roll, roll to piece and roll to sheet processes  
**HALF-CUT / FULL-CUT / CREASING / PIECE COLLECTION / LAMINATION / SEPARATE REWINDING**



## FEATURES

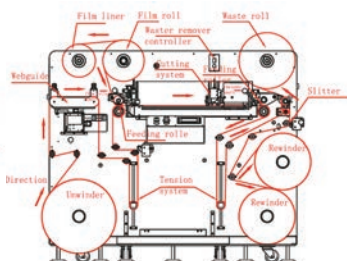
*One Solution for R2R, R2Piece and R2Sheet!*



Unique flat-bed system for roll to piece process.



Conveyor belt system to carry and collect full cut pieces



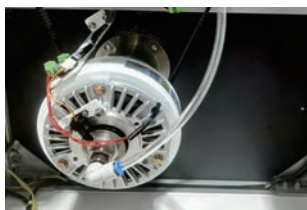
Roll to roll process can be done by quick conversion



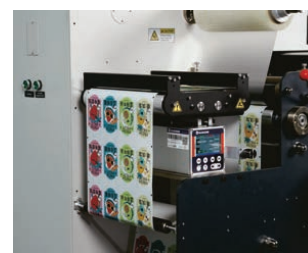
Optional roller + matrix separator set and slitting system for roll to roll process



Tension-controlled cold laminating system is included as default.



Fully automatic magnetic-powder tension control system is applied on all unwinders and rewinders.



Web-guide system for assuring straight feeding of substrate



Mini AI-Cut software for automatic head distance control, job change and hot-folder



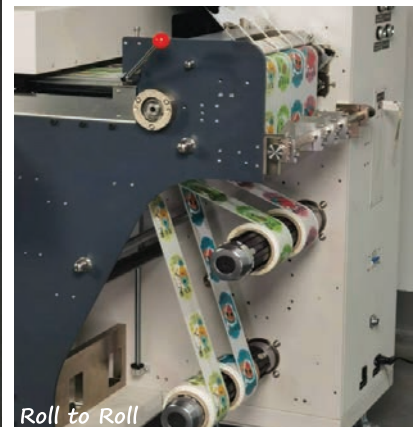
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Various applications



Roll to Piece



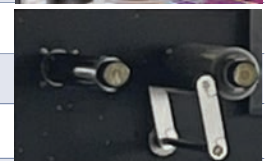
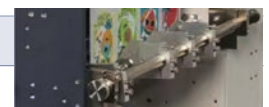
Roll to Roll

## SPECIFICATIONS

|                          |                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. media roll diameter | 450mm                                                                                                                                                                                                         |
| Substrate roll width     | 40-340mm                                                                                                                                                                                                      |
| Max. label width         | 310mm                                                                                                                                                                                                         |
| Label length             | Min. 10mm ~ Max. 400mm (1200mm length by multi-cut opt.)                                                                                                                                                      |
| Compatible file format   | PDF, PLT, DXF                                                                                                                                                                                                 |
| Cutting speed            | Max. 6m/min (15cm length rectangles)                                                                                                                                                                          |
| Qty of heads             | 4 heads (various tools for fullcut, halfcut & creasing)                                                                                                                                                       |
| Data connection          | TCP/IP                                                                                                                                                                                                        |
| Die-cutting technology   | Contacting type with tungsten steel rotary blades, Solenoid head                                                                                                                                              |
| Cutting precision        | ± 0.1mm                                                                                                                                                                                                       |
| Cutting tracking         | Single eye mark/double eye marks/ QR by CCD                                                                                                                                                                   |
| Slitting system          | 10~310mm interval, default 4 units (max. 15 units), 0.1mm                                                                                                                                                     |
| Machine size (L x W x H) | 1600 x 1000 x 1360mm (1920mm L including conveyer system)                                                                                                                                                     |
| Machine weight           | Approx. 520kgs                                                                                                                                                                                                |
| Power supply             | 110-127 or 220-240 VAC, 50-60HZ, 1000WATTS                                                                                                                                                                    |
| Warranty                 | 13 month after shipment (except for consumables parts)                                                                                                                                                        |
| Included                 | Web guide, Laminator, Waste removal, Collecting conveyer                                                                                                                                                      |
| Options                  | Chopin-350 roll to sheet inline cutter<br>Laminating film back-liner rewinder<br>Slitting system with rollers + waste separator / 2nd rewinder<br>CCD Camera vision system / Backscoring system for easy-peel |



Roll to Sheet



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