



ROLL-TO-ROLL MULTI-BLADE
DIGITAL LABEL DIE-CUTTER

DUOBLADE SX

ROLL TO ROLL & ROLL TO SHEET



OPTION CHOPIN-350



Sheet cutter in automatic speed synchronization with DUOBLADE SX.

- Max. Cutting width: 350mm
- Cutting precision: 0.1mm
- Max. Cutting length: 700mm
- Max. Cutting speed: 150 sheets/min.
- Size (WxDxH): 670mm x 460mm x 915mm

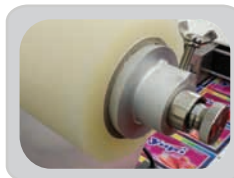
DUOBLADE SX is the most affordable digital label finishing machine with sophisticated controllability in commercial level quality and speed.

FEATURE



MULTI BLADE (Max. 4 units)

Faster by multi-blade (default 2).
Independent control of each blade.
Powerful servo-driven X-Y motions.



INLINE COLD LAMINATING

Embedded cold laminating unit. Simultaneous registration control using fine adjustment knob at the bar end.



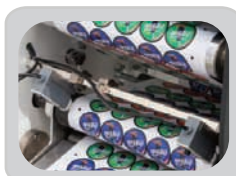
OPTIONAL REWINDER FOR LAMINATION FILM

Optional rewriter to support lamination film (Backliner).



INLINE SLITTING & SEPARATION

Supporting up to 15pcs slitters (default 4).
Individual control of depth and position.
Simultaneous registration control of all slitters together using fine adjustment knob.



WEB GUIDE SYSTEM

Default embedded web guide system to correct media feeding straightness.
Guaranteed constant accuracy in slitted mini rolls after slitting process.



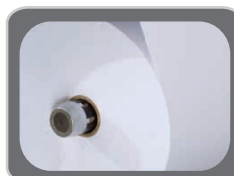
MEDIA CONNECTING PLATE

Embedded edge-to-edge connecting plate.
Easy installation of new rolls with keeping straight feeding path in stable way. Minimized loss of medias and media installation time.



AUTO TENSION CONTROL

Magnetic powder clutch for each of 1 unwinder and 2 rewinders. Electronic control of individual tension in easy and precise way.



PNEUMATIC EXPANSION ROLLERS

One touch push buttons to load and unload media rolls easily. Pneumatic expandable bobbins applied in each of unwinder and 2 rewinders.



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



SPECIFICATIONS

DUOBLADE SX

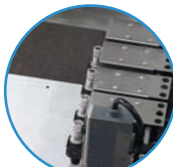
PERFORMANCE	ALL-INCLUSIVE	SPECIAL	USER-FRIENDLY
Multi-blade Up to 4 Heads	Laminating Unit & Matrix Removal	Web Guide Control System	TCP/IP Interface
Max. 9.8m/min. Cutting Speed	Slitting Unit up to 15pcs	Split-Cut for long label	USB Memory
0.2mm Accuracy Tolerance	2nd Rewinder as default	Exclusive Slitting mode	Cut & Connect Media Plate
Max. 80m/min Slitting Speed	Optionaler Rewinder for laminating backliner	Electric Tension Control System	Pneumatic Core Expansion
			Realtime Control Speed & Pressure

- Including cutting software
- Supporting Corel Draw & Illustrator
- Vakuum bed by air pump
- Media width 40-340mm
- Max. roll diameter 450mm
- Cutting area 320mm x 400mm
- Cutting speed Max. 9.8m/min.
- Cutting precision 0.2mm
- Slitting speed Max. 80m/min.
- Slitting width 10-330mm
- Tungsten steel rotary blade
- Power 100-240 VAC, 1 KW
- High Capacity 750W X-Y Servo
- Size 158cm x 90cm x 136cm
- Weight 450kg

Rewinder (optional)
for lamination film



Cutting by multi cutting
heads up to max. 4pcs



Easy matrix removal



Fine position control
of all slitters together



Laminating unit with
fine control knob



Slitting units
up to max 15pcs



Individual tension control
by magnetic powder brake



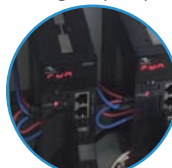
Web guide sensor with
fine control knob



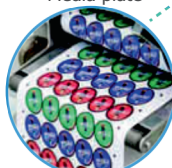
Push buttons for shaft
expansion and tension



X-Y motion control by
750W High-capacity Servo



Cut & Connect
Media plate



Vakuum bed



Touch screen control panel



Pneumatic bobbins with ruler



LAN: Remote control
USB: Computless work



Rm 1017 Daemyung Valeon 127 Beobwon-ro Songpa-gu Seoul 05836 Republic of Korea
Tel: +82 -2-6082-5022 Fax: +82-2-445-5441 E-mail: support@valloy.net www.valloy.com