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

DUOBLADE SX

UPGRADED
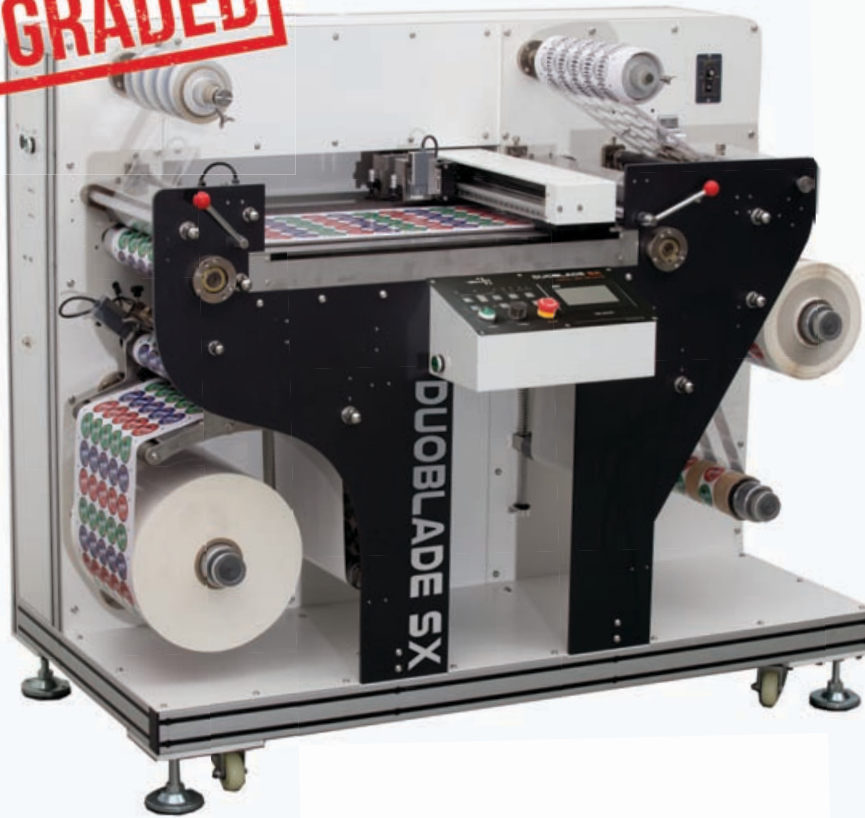
DuoBlade SX is the most affordable digital label finishing machine with sophisticated controllability at commercial level quality and speed.
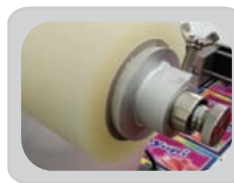
No. of cutting head	Cutting speed
1	1X
2	2.5X
3	4X
4	6X

FEATURE

MULTI BLADE (MAX. 4 UNITS)
Faster by multi-blade (default 2)
Independent control of each blade
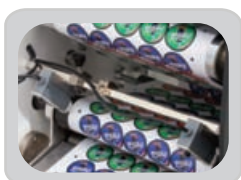Full-cut & kiss-cut at the same time
Powerful servo-driven X-Y motions

INTUITIVE CONTROL PANEL
Orderly man-machine interface
Multi-lingual LCD touch panel
Easy access to control blade pressure, cutting position, speed and etc.

WEB GUIDE SYSTEM
Default embedded web guide system to correct media feeding straightness
Guaranteed consistant accuracy in slitted mini rolls after slitting.

AUTO TENSION CONTROL
Magnetic powder brake for each of unwinder and 2 rewinders
Electrical control of individual tensions on the LCD panel easily and precisely.

INLINE COLD LAMINATING
Embedded cold laminating unit
Simultaneous registration control using fine adjustment knob at the bar end
Use of self-supported laminating film

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

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

PNEUMATIC EXPANSION ROLLERS
One touch push buttons on side panel to load and unload media rolls easily
Pneumatic expandable bobbins applied in each of unwinder and 2 rewinders

SPECIFICATIONS OF 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 5.5m/min Cutting Speed	Slitting Unit up to 15pcs	Split-Cut for long label	USB Memory
0.2mm Accuracy Tolerance	2nd Rewinder as default	Full & Kiss-cut at the same time	Cut & Connect Media Plate
Max 80m/min Slitting Speed	Trimming	Exclusive Slitting mode	Pneumatic Core Expansion
		Electric Tension Control System	Realtime Control Speed & Pressure

- Exclusive control software
- Supporting Corel & Illustrator
- Vacuum bed by air pump
- Media width 40~340mm
- Max. roll diameter 450mm
- Cutting area 320 x 420mm
- Cutting speed max. 5.5/min
- Cutting precision 0.2mm
- Slitting speed max. 80m/min
- Slitting width 10 ~ 330mm
- Slitting precision 0.2mm
- Tungsten steel rotary blade
- Power 100 ~ 240 VAC, 1KW
- High Capa 750w X-Y Servo
- Size 158 cm x 90 cm x 136 cm
- Weight 450 kgs
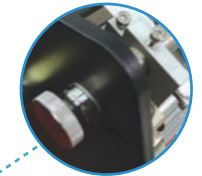
Vacuum pad for accurate registration

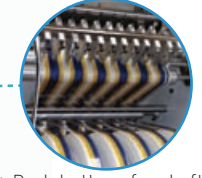Cutting by multi cutting heads up to max.4pcs

Easy waste removal

Fine position control of all slitters together

Laminating unit with fine control knob
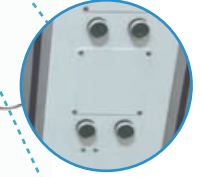
Slitting units up to max.15pcs

Individual tension control by magnetic powder brake
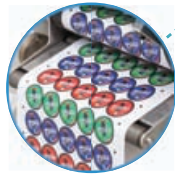
Web guide sensor with fine control knob

Push buttons for shaft expansion and tension
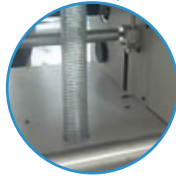
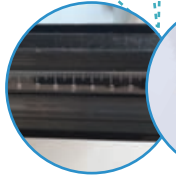X-Y motion control by 750W High-capacity Servo

Cut & Connect Media plate

Touch screen control panel

Vacuum pump

Pneumatic shaft with ruler

LAN : Remote control
USB : Computerless work