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

DUOBLADE SX

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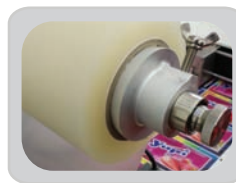controllability
at commercial level
quality and speed.

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
Powerful servo-driven X-Y motions

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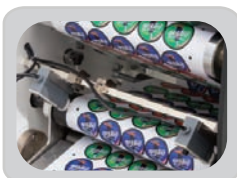Use of self-supported laminating film

OPTIONAL REWINDER FOR LAMINATION FILM
Optional rewinder to support type of
lamination film that has a back liner

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 consistant accuracy in
slitted mini rolls after slitting

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

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 on side panel to
load and unload media rolls easily
Pneumatic expandable bobbins applied
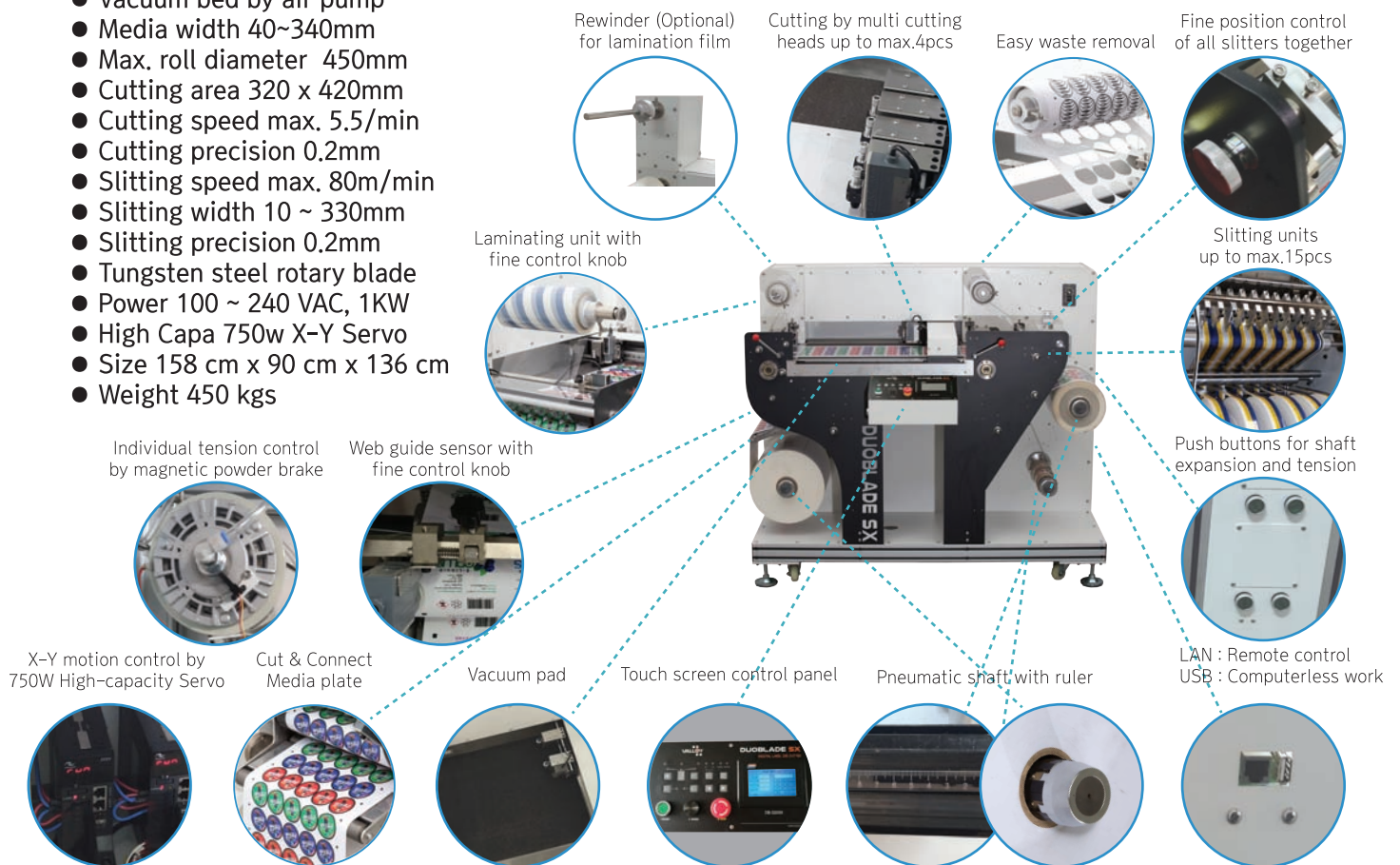in each of unwinder and 2 rewinders

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	Exclusive Slitting mode	Cut & Connect Media Plate
Max 80m/min Slitting Speed	Optional Rewinder for laminating back liner	Electric Tension Control System	Pneumatic Core Expansion
			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

Rewinder (Optional) for lamination film

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

Vacuum pad

Touch screen control panel

Pneumatic shaft with ruler

LAN : Remote control
USB : Computerless work