



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



PRODUCTIVITY PROMISING  
SMART ROLL LABEL FINISHER

# DUOBLADE WXII

## DOUBLE STATION, DOUBLE SPEED. NO MORE LASER CUTTER.

DUOBLADE WX II satisfies most of all various branded digital label presses for die cutting, slitting, laminating, waste removal, separating in rolls or sheets with high level of automation and intelligent job changing in superb quality and speed



### QUALITY

- ▶ Knife does not leave burnt marks or swollen edges.
- ▶ Nothing scratches paper surface or backliner at all.
- ▶ Real time auto-correction of registration by CCD

### ALL IN ONE

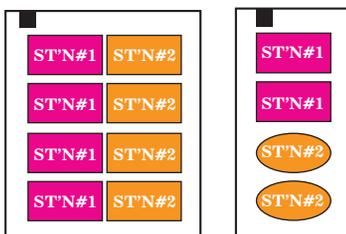
- ▶ Lami, die-cut, waste removal, slit, strip, sheet cut
- ▶ Up / down separate rewinding and sheet cutter
- ▶ Pneumatic tension control for every roller and bar

### SPEED

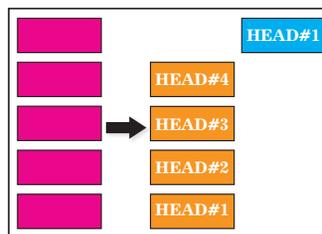
- ▶ Fast mark sensing does not delay the cutting process.
- ▶ 8 cutting heads in 2 stations maximize production rate.
- ▶ 18m/min speed achievable for 10cm x 10cm rectangles

### AUTOMATION

- ▶ Controlled by embedded PC with large LCD monitor
- ▶ Automatic job change by reading job code by CCD
- ▶ Optimized use of selective heads by auto gap control
- ▶ Working time estimation for the selected job amount



**PRODUCTIVITY PROMISING**  
2 stations of DUOBLADE WX II can cut the same shapes in different columns or different shapes in the same column for separate rewinding of each row independently.



**TRAJECTORY OPTIMIZATION**  
DUOBLADE WX II finds optimal way of cutting by itself for different jobs. When cutting 5 rows for example, it uses 4 heads in the first step and 1st head cuts the last row in second step. Starting point and sequence of cutting can be automatically optimized together as well.



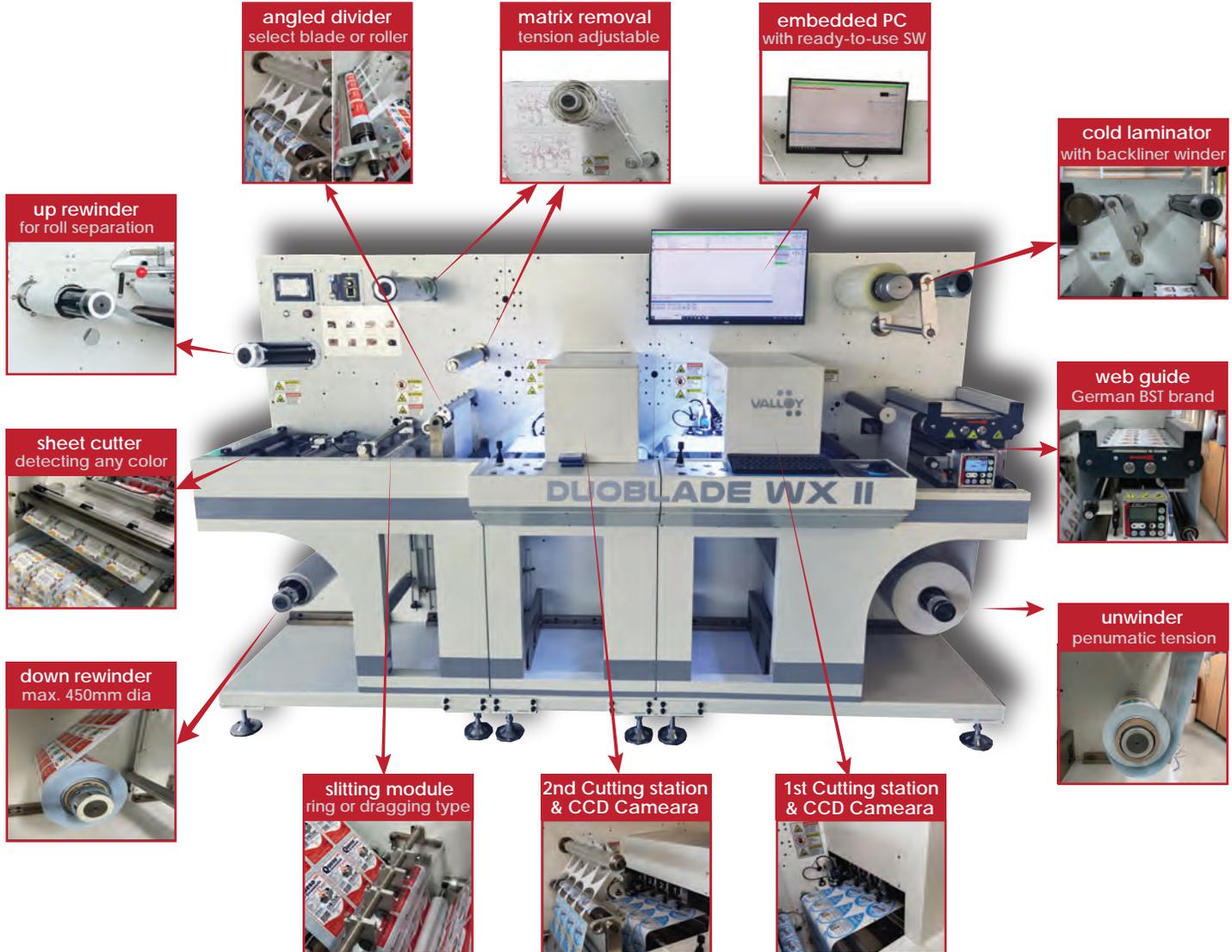
**AUTOMATIC JOB CHANGE**  
Artificial intelligence algorithm in DUOBLADE WX II gives you the highest level of automation in processing different jobs together. According to the recognized job by reading job code using CCD camera, all settings and gaps between heads can be adjusted for itself.



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WE COLOR DIGITAL



## SPECIFICATION

Max. Roll Diameter	450mm	Cutting Accuracy	± 0.05mm
Media Width	min. 100 ~ max. 350mm	Job Code Format	Numerical job code (0000~9999)
Max. Label Size	330mm x 600mm	Sensors	CCD Camera, B/W sensor and RGB sensor
Tension Control System	6-axis automatic pneumatic control	Machine Dimension	251cm(L) x 130cm(W) x 164cm(H)
Cutting Speed	Avg. 15~18 m/min, Max. 20~25 m/min	Machine Weight	1500 kgs (1650kgs after packing)
No. of Cutting Heads	Total 8 cutting heads (4 / station)	Electric / Air Source	100~240V 1Ø AC, 2000W, 0.4 bar
Slitting Module	4 as default (Max. 15 units installable)	Available Options	Sheet cutter, Up rewriter, Laminating film backliner rewriter, additional slitters
Web Guide	German BST brand (ultrasolic system)	Warranty	13 months after shipment



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