

- 1: See more solutions on our website
- 2: Check our equipment videos
- 3: Contact us for equipment consultation and sales



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Smart Converting All Over The World





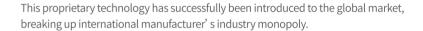
Innovation For You

- Satisfying customer requests
- Insight into market development
- Breakthrough in technology

At DYM, we insist on developing from a "Technology First" concept, which enables us to improve and increase automation in the label printing industry, maximizing the efficiency of label presses, greatly improving yield, reducing losses, and creating many new benefits.

Our "Technology First" concept has resulted in the successful development of the unique Segmented Coupling Tension Technology and Matrix Tension Technology, which when applied to a non-stop zero speed splicing machine, regardless of emergency stops, jogging, or lifting tension, always delivers constant tension with error margins maintained within 3N.





DYM has a number of paper splitter invention patents that enable us to enhance efficiency and adapt to a wide range of different printing methods, material types, tension requirements, and die-cutting solutions.

Our experienced designers, R&D team, and skilled production workers work closely together with customers to create brilliant, efficient solutions. All of our machine models are optimized for user-friendly operations, they can be customized to suit different customer needs, and our corporate infrastructure ensures fast delivery of spare parts, in order to greatly reduce downtime and maintenance costs. That's a winning formula in our book.

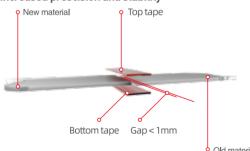






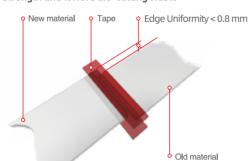
Core Technology

Stable and reliable paper splicing for increased prescision and stability



Our unique tension coupling method increases tension stability

The miter angling increases tape adhesive strength and lowers die-cutting waste





Focus on technological breakthroughs

• DYM is dedicated to pursuing breakthroughs in research and development

Based on the needs of our customers, we actively pursue technological innovation, to create advantageous production benefits through high quality, high productivity, and various types of process efficiencies.









Butt splice

Oblique splice

Full roll

Servo





Double-sided tape Secondary tension

Gap cutting

Loading material







Secondary traction

Color mark

Overlap splice



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HAU-350/450/550

Automatic Butt Splicer Unwinder













Oblique splice

Full roll

Double-sided tape Loading material



FEATURES

	Servo controlled	with 100% pap	er splicing success rate
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		Stable	tension contr	ol system	, with uniqu	e tension	coupling me	tho
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	Paste	A	1		f		II	
	PASTA	Tane	α n 1	ne	Tront	ann	nacı	< 510

- Maintenance-free storage racks
- ☐ A/B axis-independent web guide control
- ☐ Convenient material placement system
- ☐ Pneumatic lift loading, operated by one person without any tools

OPTIONS

- Secondary tension system
- Automatic Color mark Tracking
- ☐ Max speed 250m/min

MATERIALS RANGE

- Paper: 60gsm-400gsm
- ☐ Plastic film: > 25um
- ☐ ABL/BPL tube laminated

(3) TECHNICAL SPECIFICATIONS

Model	HAU-350	HAU-450	HAU-550
Max Web Width	350mm	450mm	550mm
Maximum Unwinding Diameter	Ф850	Ф850	Ф1000
Max Machine Speed	180m/min	180m/min	180m/min
Unwinding Paper Splicing Time	2sec	2sec	2sec
paper Splicing Method	Oblique splice	Oblique splice	Oblique splice
paper Splicing Angle	10°	10°	10°
pick-up Material Alignment	Laser positioning	Laser positioning	Laser positioning
Total Power	6kw	6kw	11kw
Voltage	380V/50hz, 3phase	380V/50hz, 3phase	380V/50hz, 3phase
Unwind Paper Splicing Mode	manual / winding diameter	manual / winding diameter	manual / winding diameter
Unwind Tension Precision	±2%	±2%	±2%
Machine Weight	1500kgs	1600kgs	1700kgs
Machine Size(LxWxH)	2850x1100x2400mm	2850x1350 x 2400mm	2850x1550 x 2400mm





SAC-350/450/550

Automatic Turret Rewinder

(Q) FEATURES

Equipped	with	one	unloadin	g system
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- ☐ Simple ergonomic design
- ☐ Taper tension rewinding function
- ☐ Servo controlled with 100% paper splicing success rate
- ☐ Stable tension control system, with unique tension coupling method
- ☐ Easy connection to main machine without cables

<a>OPTIONS

- ☐ 850mm diameter
- ☐ Slitting device
- ☐ Max speed 250m/min

MATERIALS RANGE

- Paper: 60gsm-400gsm
- ☐ Plastic film: > 25um
- ☐ ABL/BPL tube laminated

(b) TECHNICAL SPECIFICATIONS

Model	SAC-350	SAC-450	SAC-550
Max Web Width	350mm	450mm	550mm
Max.rewinding Diameter	680mm	680mm	680mm
Max.run Speed	180m/min	180m/min	180m/min
Unwind Tension Precision	±2%	±2%	±2%
Paper Splicing Method	Automatic pre-speed splicer	Automatic pre-speed splicer	Automatic pre-speed splicer
Unloading	Manual unloading part	Manual unloading part	Manual unloading part
Paper Core Alignment	Laser positioning	Laser positioning	Laser positioning
Total Power	5kw	6.8kw	6.8kw
Voltage	380V/50hz, 3phase	380V/50hz, 3phase	380V/50hz, 3phase
Machine Weight	1400kgs	1500kgs	1600kgs
Machine Size (LxWxH)	1700x1000x1500mm	1700x1100x1500mm	1700x1200x1500mm





WBU-450/550

Automatic Non-Stop Lamination/Stamping Film Unwinder

(Q) FEATURES

- Equipped with efficient tension compensation algorithm
- One set of overlap platforms overlapping less than 10 cm
- Easy operation for high automation production
- Equipped with differential shafts, suitable for simultaneous multi-roll splice
- ☐ Constant tension control to avoid frequent tension setting
- ☐ Suitable for cold stamping/lamination film materials







rvo Overlap splice

(TECHNICAL SPECIFICATIONS

Model	WBU-450	WBU-550
Max Web Width	450mm	550mm
Max Unwind Diameter	430mm	430mm
Max Machine Speed	150m/min	150m/min
Unwind Tension Precision	±2%	±2%
Paper Splicing Method	Overlap splice	Overlap splice
Pick-up Material Alignment	Laser positioning	Laser positioning
Total Power	4kw	4kw
Voltage	380V/50hz, 3phase	380V/50hz, 3phase
Machine Weight	200kgs	200kgs
Machine Size (LxWxH)	750x1100x700mm	850x1300x800mm

WBC-450/550

Automatic Non-Stop Lamination/Stamping Film Rewinder

(Q) FEATURES

- ☐ Turret structure
- ☐ Efficient tension compensation algorithm
- ☐ Minimal tension fluctuation control, suitable for most waste rewinding
- Small-sized waste device suitable for most printing presses
- ☐ No need to reduce speed or stop the machine while connecting materials
- ☐ The machine speed adopts an encoder for real-time tracking, which is independent from the printing press



- Cold Foil Materials
- Lamination Film
- ☐ Self-adhesive Waste



(a) TECHNICAL SPECIFICATIONS

Model	WBC-450	WBC-550	
Max Web Width	450mm	550mm	
Max Rewind Diameter	430mm	430mm	
Max Machine Speed	150m/min	150m/min	
Paper Splicing Method	per Splicing Method Automatic pre-speed		
Tension Control	Constant pressure automatic tension		
Total Power	4kw	4kw	
Unwind Tension Precision	±2%	±2%	
Machine Weight	250kgs	300kgs	
Machine Size (LxWxH)	850x1000x900mm	850x1100x900mm	

Note: All technical parameters are subject to change without notice.



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NAC-450/550 **Automatic Waste Matrix Collector**

including conveyor belt and waste compressing system





- Patented DYM Waste crush matrix with collector, suitable for the most difficult light art paper and/or special-shaped waste
- ☐ High-precision tension control system for safe waste automation and operation regardless of speed increase/decrease or emergency stops
- ☐ Waste collection extruder to reduce the waste disposal workload and improve operator friendliness

(a) TECHNICAL SPECIFICATIONS

Model	NAC-450	NAC-550
Max web width	450mm	550mm
Max Machine speed	180m/min	180m/min
Rewind tension precision:	±2%	±2%
Power	1.8KW	1.8KW
Machine size	750mm (L) ×450mm (H)	750mm (L) ×450mm (H)
Machine weight	200kgs	230kgs
Materials		self adhesive labels and In mold labels





Model	Waste Compressing System
Power	4kw
Size	1600x500x1600mm
Outlet size	420mmx420mm



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MBU-550/850

Heavy Duty Automatic Butt Splicer Unwinder











Full roll



(a) TECHNICAL SPECIFICATIONS

Model	MBU550/850	
Max Web Width	550mm-850mm	
Max Machine Speed	300m/min	
Max Unwinding Diameter	ф1500mm	
Paper Splicing Method	Butt Splice	
Rewind Tension Precision	±2%	
Connect Paper Success Rate	100%	
Total Power	3KW	
Machine Size	3050mm (W) ×2300mm (H)	
Machine Weight		
Materials	Paper, laminated materials , Thicker paperboard	

Note: All technical parameters are subject to change without notice.

SBC-550/850 **Heavy Duty Non-Stop Rewinder**



(b) TECHNICAL SPECIFICATIONS

Model	SBC550/850
Max Web Width	550mm-850mm
Max Machine Speed	200m/min
Max Rewinding Diameter	ф1200mm
Paper Splicing Method	No-slow down pre-speed splicer
Rewind Tension Precision	±2%
Connect Paper Mode	Rewinding mode+Manual mode+Meter mode
Connect Paper Success Rate	100%
Total Power	9KW+
Machine Size(LxHxW)	2020mm×1900mm×2040mm+
Machine Weight	2700kgs
Materials	Paper、laminated materials 、 plastic film



SACD-350/450

Multi-Function Non-Stop Turret Rewinder



RAW MATERIAL →FINISHED PRODUCT

Dual Turret Rewinder With Differential Shafts

MAIN TECHNICAL VARIABLES

Model	SAC-450	
Max Web Width	Ф450mm	
Max.rewinding Diameter:	650mm	
Max. Speed:	150m/min	
Unwind Tension Precision	±2%	
Paper Splicing Method	Automatic pre-speed paper	
Unloading	Manual	
Total Power	9.5KW	
Voltage	380V, 50Hz, 3Phase	
Machine Weight	About 2200KGS	
Machine Size (LxWxH)	1900mm×1850mm	

Note: All technical parameters are subject to change without notice .





Q FEATURES

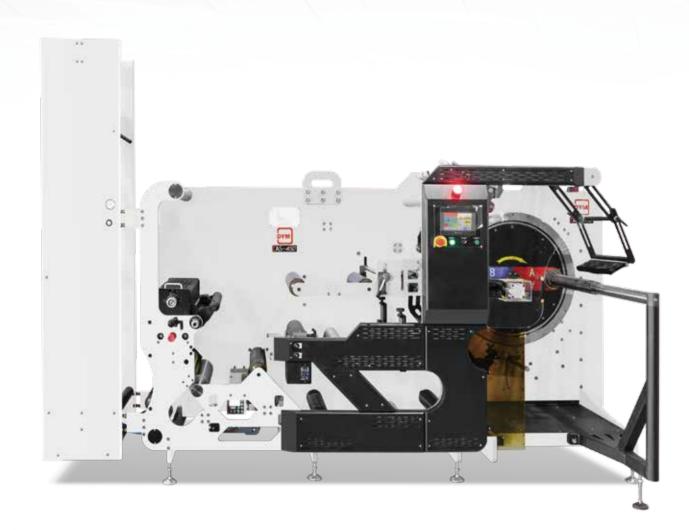
- ☐ Servo controlled with 100% success splicer.
- ☐ Equipped with shear slitting units.
- ☐ Dual turret rewinder with differential shafts.
- ☐ Easy operation to connect with main machine without any cables.
- ☐ Professional for thicker ABL/BPL materials .





DAS-450

Zero-Speed Splicer Rewinder For RFID



(A) TECHNICAL SPECIFICATIONS

Model	DAS450	
Max Web Width	450mm	
Max Machine Speed	60m/min、100m/min	
Max Rewinding Diameter	ф1200mm	
Paper Splicing Method	Zero speed flat cutting splice	
Tension Mode	Taper tension、Constant tension、Curve tension	
Connect Paper Mode	Quantity mode+Meter mode+Manual mode	
Connect Paper Success Rate	100%	
Total Power	18KW	
Machine Size(LxHxW)	3550mm×2300mm×2015mm+	
Machine Weight	3500kgs	
Materials	Self adhesive、RFID、paperboard、Laminated tube	

Note: All technical parameters are subject to change without notice .

HAUS

Smart Version Automatic Butt Splice Unwinder





Butt splice

Oblique spl





Full roll

Double-sided tape



MAIN TECHNICAL VARIABLES

Model	HAUSSS-350	HAUSSS-450
Maximum Unwinding Diameter	Ф650	Ф650
Max Web Width	120m/min	120m/min
Max.run Speed	350mm	450mm
Unwinding Splicing Time	2sec	2sec
Paper Splicing Method	Oblique splice	Oblique splice
Paper Splicing Angle	10°	10°
EPC	Digital terminal EPC	Digital terminal EPC
Material Upload	Manual pressure drawer	Manual pressure drawer
Pick-up Material Alignment	Laser positioning	Laser positioning
Total Power	6kw	6kw
Voltage	380V	380V
Machine Size(LxWxH)	1800x1100x2400mm	1800x1350x2400mm



