

SHANGHAI NSD AUTOMATION
MEMBER OF DASONG GROUP



COMPLETED ALIGNMENT ON MOVING WEBS

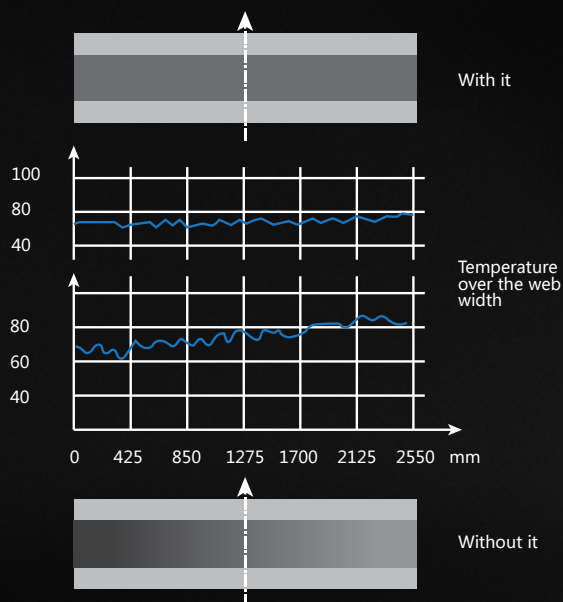
CR-41 COMPENSATION ROLL

Reduce **warp problem** caused by uneven temperature



LA-32 LINER ALIGNMENT

Get better single board alignment **automatically**



TECHNICAL DATA

Weight

1000Kgs

Working width

Max: 2240mm, 2540mm, 2840mm

Min: 1000mm, 1150mm, 1300mm

Or customer specify

Guiding Accuracy : $\pm 1\text{mm}$

Supply Voltage: Customer specify

Max Power Consumption : 1 KW

Max Current Consumption : 5A

Control Voltage : 24V DC

Protection Grade : IP54

Environmental Temperature: -20°C-max70°C

Air Temperature : 20%-85%(No condensed water)

Noise : <70dB(65.4dB)

BWA-121 BRIDGE WEB ALIGNMENT

Get better 3/5/7 Layer cardboard alignment **automatically**



BTC-122 BRIDGE TENSION CONTROL

Guarantee **continuous** and stable tension



TECHNICAL DATA

Scanning: Wide Band Sensor

Sensor Resolution: ± 1 mm

Guiding Accuracy: ± 2 mm

Web Width

Min. / Max. :
1800 mm / 800 mm
2200 mm / 1100 mm
2500 mm / 1250 mm
2800 mm / 1400 mm

Guiding Mode: Web center or edge refence to bottom
Liner machine center

Applicative Machine Speed: Max450m/min

Supply Voltage: Customer specify

Max Power Consumption: 1 KW

Setting **35** kg

Manual Speed Open

Actual **34** kg

30

60

90

40

70

100

50

80

120

Setting **25** kg

Manual Speed Open

Actual **24** kg

30

60

90

40

70

100

50

80

120

Manual
Tension



SSA-21 SLITTER SCORER ALIGNMENT

To trim **each cardboard** To trim **precisely** To reach **smallest** trim



SPLICER MASTER



TECHNICAL DATA

Guiding Accuracy: +/- 1mm
Correction speed: 9mm/sec.
Correction stroke: Max. +/-75mm
Machine speed: 400m/min

Sensor support frame Web pass width:

Max. 2540 mm and min. 1150 mm
Or max. 2240 mm and min. 970 mm
Or customer specify

Frame weight: 780kg

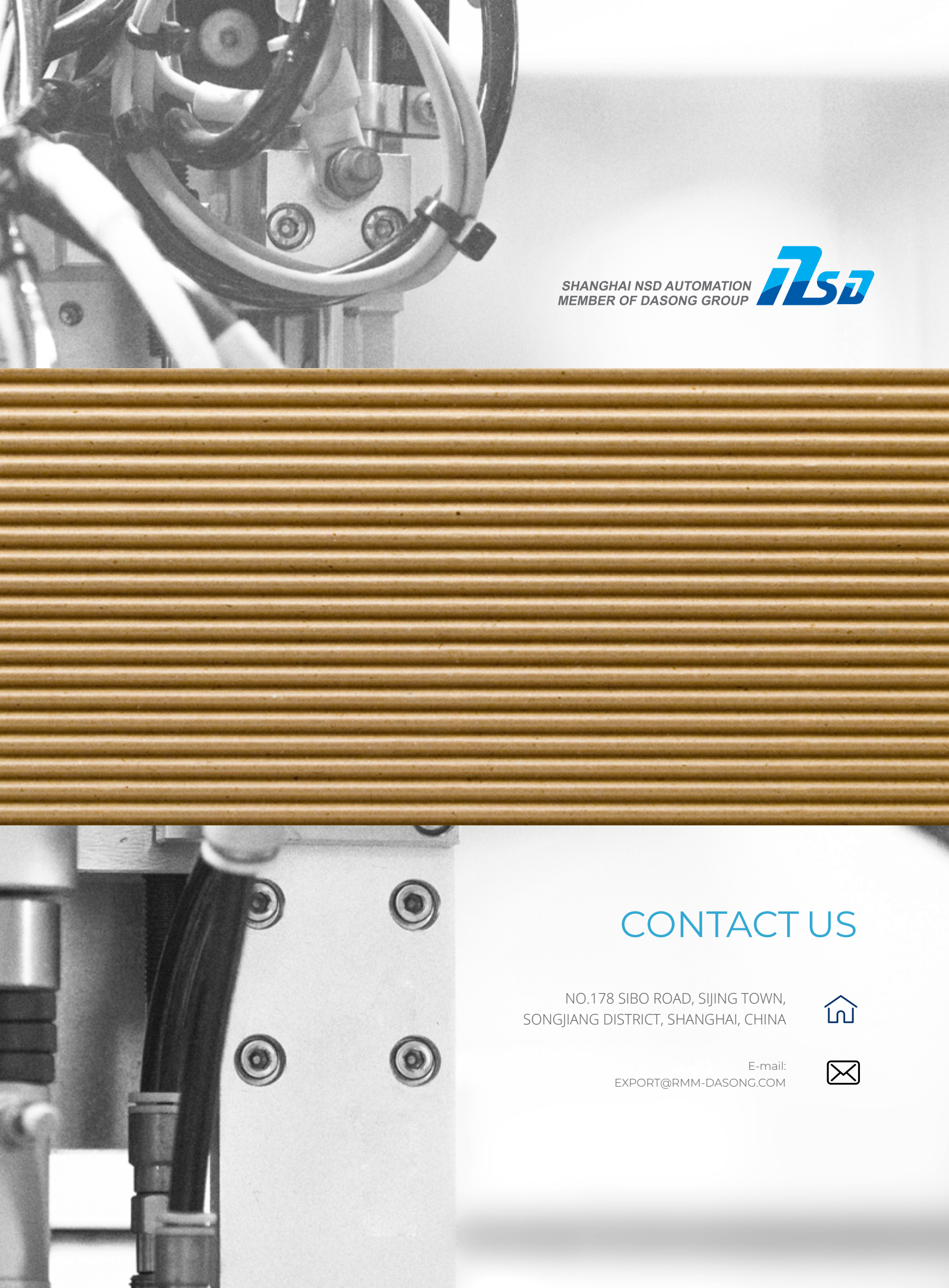
CAMERA SYSTEM

precision: 0.28mm
Resolution: Measuring range /8192(sub-Pixel)
Scan rate: Max.700Hz

Model	Splice speed	Paper gram range
S-150	120-150m/min	50g/m ² —500g/m ²
S-250	200-250m/min	50g/m ² —500g/m ²
S-350	280-350m/min	50g/m ² —300g/m ²
S-450	350-450m/min	50g/m ² —300g/m ²

BENEFITS BY NSD

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- A close-up image showing a blue robotic hand with a glowing blue tip interacting with a human finger. The background is a gradient of blue and white, with a large blue triangle on the left side of the page.
- Decreased 90% electric charge
 - Saving 2-3 labor cost
 - Better cardboard quality
 - Optimized lamination
 - Automated production
 - Optimized paper in stock
 - Increased production speed
 - Reduced wastage
 - Less downtime
 - Flexible production
 - Minimal edge trim



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