

# APPLICATORS

Add on devices to assure accurate applying of different labels to any specific position on various products.

## ENHANCE YOUR LABELING PROCESSING OPTIONS

Applicator Options for ALX Print and Apply and ALS Labeling Solutions.

### LA-BO – GENTLE BLOW-ON APPLICATOR

ALS 20x, ALS 256, ALS 306, ALX 73x and ALX 92x:

- Non-contact labeling of sensitive products
- Pivoting applicator allows comfortable material change
- Sliding bars enable fast and easy setting of label size
- Easy attachment with model-specific mounting plates
- Minimal wear means minimal maintenance

### LA-TO/LA-TO XL – ECONOMIC TOUCH-ON APPLICATORS

ALS 20x, ALS 256, ALS 306, ALX 92x and ALX 73x:

- High output for top, side or bottom applications
- Easy change of label pads for different label sizes
- Total solution for printing and labeling of items with fixed or variable heights
- Industrial design for reliable operation
- Available with fixed-, touch down- and blow-on labelpads

### LA-SO – FLEXIBLE SWING-ON APPLICATOR

ALX 92x:

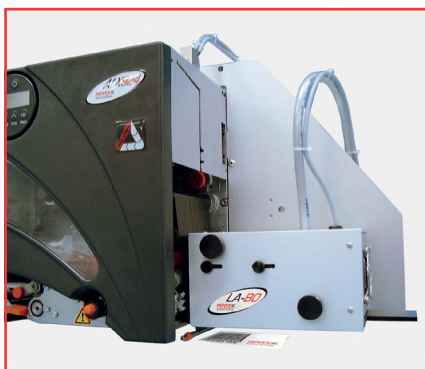
- Application of labels on products ranging from individual items to multiple boxes
- High output for top, side or leading-edge application to products
- Complete solution for printing and labeling in the logistics industry
- Durable industrial design for reliable operation
- Applies labels to moving products

## MORE INFORMATION

To learn more about our Applicators or to receive complete warranty information as well as other terms and conditions, please contact your NOVEXX Solutions representative, e-mail to [printers@novexx.com](mailto:printers@novexx.com) or visit our website at [www.novexx.com](http://www.novexx.com).

Individual specifications provided upon request.

LA-BO



LA-TO/LA-TO XL



LA-SO



## APPLICATORS TECHNICAL INFORMATION

	LA-BO:	LA-TO/LA-TO TD/ LA-TO BO:	LA-TO XL/LA-TO TD XL /LA-TO BO XL:	LA-SO:
Compatible for	ALS 204/206/ 256/306 ALX 73x; ALX 92x	ALS 204/206/ 256/306 ALX 73X, ALX 92x	ALS 204/206/ 256/306 ALX 73x, ALX 92x	ALX 92x
Type of labelstock	Self-adhesive, die cutted label Paper or film material	Self-adhesive, die cutted label Paper or film material	Self-adhesive, die cutted label Paper or film material	Self-adhesive, die cutted label Paper or film material
Label width	30 - 100 mm*	LA-TO/LA-TO TD: 30 – 160 mm LA-TO BO: 50 – 110 mm	LA-TO/LA-TO TD: 30 – 160 mm LA-TO BO: 50 – 110 mm	80 - 150 mm
Label length	30 - 100 mm*	LA-TO/LA-TO TD: 30 – 210 mm LA-TO BO: 50 – 160 mm	LA-TO/LA-TO TD: 30 – 210 mm LA-TO BO: 50 – 160 mm	80 - 210 mm
Label pads		LA-TO (XL)/LA-TO TD (XL): 80 x 80 mm, 125 x 125 mm, 110 x 160 mm, Pads with or without touch-down function LA-TO BO (XL): 80 x 80 mm, 110 x 160 mm Pads with blow-on function		
Capacity	ALS 20x/256/306/ALX 73x: up to 160 labels/ minute (50*50 m); up to 100 label/minute (100*100 mm) ALX 92x : in batch mode up to 120 labels/ min.; in real 1:1 mode up to 80 labels /min.	ALS 20x/256/306/ALX73x: Up to 100 labels (depending apply speed, stroke length, label size and label material)  ALX 92x: Up to 80 labels (depending print speed, stroke length, label size, label material and print output)		Capacity depends mainly upon the following factors: label-size, materiallength, print-speed, conveyor-/ productspeed, product-length, productdistance and position of the label to the product.
Apply Accuracy	In general max. +/- 1mm Best apply accuracy is obtained with label sizes from 40 x 40 mm to 80 x 80 mm; round labels from 40 to 70 mm diameter	In general max. +/- 1 mm (LA-TO (XL) /LA-TO TD (XL); up to +/- 10 mm at LA-TO BO (XL) (depending on product speed and blow distance)		In general max. +/- 2 mm
Apply direction to product	Top, bottom or side of product	Top, bottom or side of product		Top positioning: leading edge or top Side positioning: leading edge or side
Apply distance	Recommended max. blow distance between LA-BO and product: 50 x 50 mm label: 100 mm 100 x 100 mm label: 50 mm	Stroke length 180 mm (gross) with end and home sensor (LA-TO) or with home and touch down sensor (LA-TO Touch down) or with home and proximity sensor (LA-TO BO)	Stroke length 380 mm (gross) with end and home sensor (LA-TO) or with home and touch down sensor (LA-TO Touch down) or with home and proximity sensor (LA-TO BO)	To leading edge of product: approx. 100 mm  To top or side of product: approx. 200mm
Product speed at applications	Depending combination of labels per minute + distance between products + blow distance	LA-TO: Up to 15 m/min LA-TO Touch down: 0 m/min (non moving products) LA-TO BO : up to 20 m/min		Up to max. 15 m/min at leading edge application Up to max. 30 m/min at top or side application
Dimensions (incl. Mounting plate) W x H x D	ALS: 357 x 188 x 153 mm ALX: 300 x 245 x 153 mm	ALS/ALX 73x: 240 x 420 x 260 mm ALX 92x: 260 x 410 x 260 mm	ALS/ALX 73x: 240 x 620 x 260 mm ALX 92x: 260 x 610 x 260 mm	240 x 355 x 500 mm
Weight	3.5 kg	Approx. 5 kg	Approx. 6 kg	Approx. 6.5 kg
Power supply & signals	By means of Internal Signal Interface (ALS/ALX 73x) or Applicator Interface Board (mandatory for ALX 92x; optional for ALS/ALX 73x)			By means of optional Applicator Interface Board
Air supply	4-6 bar, dry and clean	4-6 bar, dry and clean		4-6 bar, dry and clean
Operating temperature	5°- 40°C	5°- 40°C		5°- 40°C
Noise level	82 dB during blow-cycle	< 75 dB (A)		< 75 dB (A)
Protection class	IP 21	IP 21		IP 21
Standards	CE certified	CE certified		CE certified
Disclaimer	Due to static and friction effects, film materials may tend to wrinkle during dispense of the label onto the vacuum pad. Film materials are subject to be tested upfront in your unique application.			

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