

Legi-Air 5300

Technical Specifications:	
Printing Technology	Thermal transfer or direct thermal
Print Resolution	10 dots / mm (203 dpi) 12 dots / mm (300 dpi) 24 dots / mm (600 dpi)
Print Speed	up to 400 mm per second
Label Size	Tamp-Blow Standard up from 12,5 x 7 to 160 x 210 mm, depending on label quality the label length is limited considerable larger or smaller labels are possible via special tamps
Tamp Size	-
Label Gap	minimum 3 mm
Label Roll	350mm outside diameter up to 600 mm, core 76mm (3"), outside winding, low label prewarning optional: inside winding and larger core diameters
Data Interface	All current interfaces (details in prospect print engine)
Controller Interface	Volt free outputs (relays), opt coupler inputs, M12 connector for photocell and alarm lamp
Maintenance Interval	-
Performance Data	Up to 240 labels per minute, performance data depends on label size, text change and stroke
Application Accuracy	Standard: up to $\pm 0,8$ mm on stopped product (depending on application distance, type of applicator and label size) Optional: $\pm 0,5$ mm
Print-Apply-Trigger	Reflex sensor, light barrier, inductive or capacitive sensor, micro switch, volt free contact (PLC)
Alarm System	Standard: error message in text display, volt free contact (PLC), optional: 3-coloured alarm
Compressed Air Consumption	0,3 up to 3 l per applying cycle, depending on label size, type of applicator and setting
Compressed Air Connection	6 bar, Compressed Air has to be dry and oil-free (DIN ISO 8573-1)
Weight	Up from 80 kg (depending on version)
Power Connection	115 VAC, 60 Hz, 5 Ampere /

	230 VAC, 50 Hz, 5 Ampere
Environmental Conditions	Temperature: 10° C up to 35° C, 15 up to 95 % relative air humidity, Non condensing
Certification	EC-Declaration of Conformity
Options	RFID labeling bad tag discharge QC Quick Change, spring loaded tamp 3-coloured alarm lamp protective cabinet (also with heating) against dust and splash water in case of especially difficult environmental conditions IPC in protective housing LLS Legitronic® Labeling Software Bluhmware for controlling and networking the systems attendance check of labels scanner (1-D/2-D), Vision Systems, Sensors, RFID Gates Product sensors sensor for variable stroke stands in different versions (fixed, adjustable via spindle, mobile)
Applicators	90° rotating tamp 180° rotating tamp corner wrap application double-sided labeling one-side pallet-labeler with extra-large stroke quick double-sided carton labeling Linear applicator up to 1200 mm stroke 90° and 180° swing applicator KH High Speed linear applicator servo applicators vacuum cross belt applicator
Dimensions	-

Distribution arguments depending on system

- print engine technology of leading global manufacturers
 - applicator offering of more than 1500 variants has been improved for decades
 - world-wide distribution
 - large label roll 350 mm diameter in the basis machine
 - developed for day and night operation
 - all components and also spare parts are standard and originated from large-volume production
 - simple and well-arranged system structure enables the customer's technicians quick self-help measures in case of errors
 - large consultant and service network
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Technical Specifications (in detail):	
Base Plate	13,1 mm alu anodised
Housing of Applicator Controller	stainless steel
Housing of Print Engine Connections	stainless steel
Cabinet without fan	standard
Festo Pneumatic	only cylinder
Gauge	5 external - readable
Mechanical Components	inch + metric
Modules / Replacement-Assemblies	nein
Display Lighting	background lighting
(Remote) Display Remote mountable	standard
Display turnable	user-defined
Multilingual Display-Menue	D, GB, F, CZ, NL, N, PL, P, RU, E, S, TR
Detailed Status and Error Messages	standard
Diagnostic Function Diagnosis Monitor	via display and webserver / EMAIL
Adjustable cycle time of valves	in 1 ms steps
Service/Maintenance Counter Service Message	yes, display message + volt free contact + EMAIL
Variants of Applicator	several hundreds variants
Printer	flexible print engine technique: Datamax, Sato, Zebra, Avery, CAB
LH / RH	yes, at the same price
Max. Tamp (mm)	180 x 350
Max. Label (mm)	180 x 350
Min. Tamp (mm)	10 x 5
Min. Label (mm)	10 x 5
Max. Stroke (useable)	-
Max. Stroke (useable; optional)	1180 mm
Recommended continuous power rating with max. stroke standard applicator PPM=products per minute	3-shift, because of robust applicator construction no limitation for continuous operation
Top performance with max. stroke standard applicator	no difference to continuous rating
Top performance with	150 per min

KH High Speed Unit (small label, min. stroke)	
Top performance with Blow Box	< 240 per min
Tolerance of Label Position (standard applicator)	± 0,8 mm
Tolerance of Label Position (precision applicator)	± 0,5 mm
Tolerance of Label Position (Wipe-on mode)	-
Alarm lamp M12 connector	standard
1st Product Sensor M12 connector	standard
2nd Product Sensor M12 connector	standard
Product Sensor configuration NPN/PNP	via jumper
Possibilities of configuration	standard / Ethernet
Signal exchange to customer via volt free contact	standard
Max. Roll Diameter	350 mm
Max. Run Width	180 mm
Unwind Discs	standard
Rewind (stepper motor technique)	standard
Quick Change	option
Variable Product Detection	option
Low Label Prewarning	standard
Control Label on Tamp Pad	standard
2-level Vacuum	option
Service – Export Possibility	D, A, AUS, CH, B, DK, NL, F, E, I, P + WEBER Distribution world-wide
Possibility to save and recall label data in the labeler	yes