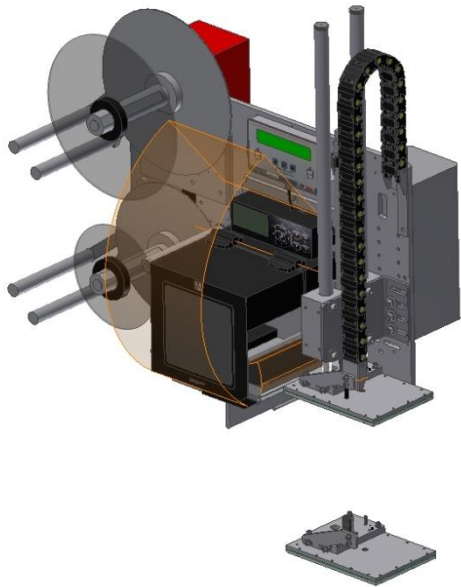
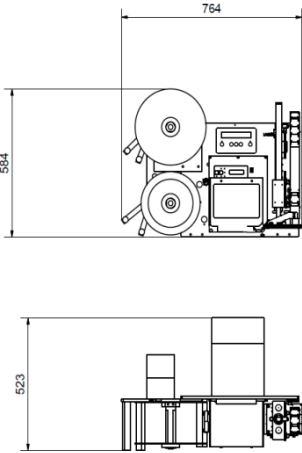


## Legi-Air 4050 S



Technical Specifications:	
Printing Technology	Thermal transfer or direct thermal
Print Resolution	8 dots / mm (203 dpi) 12 dots / mm (300 dpi) 24 dots / mm (600dpi)
Print Speed	Up to 400 mm per second
Label Size	Tamp Blow Standard from 12,5 x 7 up to 20000 mm <sup>2</sup> , depending on label quality the label length is limited
Tamp Sizes	-
Label Gap	minimum 3 mm
Label Roll	300 mm outside diameter up to 450 mm, core 76mm (3"), outside winding optional: inside winding
Data Interface	All current interfaces (details in prospect print engines)
Controller Interface	Volt free outputs (relays), opt coupler inputs, M12 connector for photocell and alarm lamp
Maintenance Interval	According to interval display
Performance Data	Up to 80 labels per minute, performance data depends on label size, text change and stroke
Application Accuracy	Standard: up to ± 0,8 mm on stopped product (depending on application distance, type of applicator and label size) optional: ± 0,5 mm
Print-Apply-Trigger	Reflex sensor, light barrier, inductive or capacitive sensor, micro switch, volt free contact (PLC)
Alarm System	Standard: LED error message in text display, volt free contact (PLC), optional: 3-coloured alarm lamp
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 35 kg (depending on version)
Power Connection	91 up to 263 VAC, 50/60 Hz, 5 Ampere

Environmental Conditions	Temperature: 10° C up to 35° C, 15 up to 95 % relative air humidity, non-condensing
Certification	CE-Declaration of Conformity
Options	<p>RFID labelling                      bad tag discharge                      QC Quick Change Tamp                      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,                      Sensory, RFID gates                      Product sensors                      sensor for variable stroke                      stands in different versions (fixed, adjustable via spindle, mobile)</p>
Applicators	<p>90° rotating tamp                      180° rotating tamp                      corner wrap application                      90° and 180° swing applicator                      KH High Speed                      linear applicator</p>
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
- Europe-wide distribution
- very compact construction with a large spectrum of enhancement
- 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

Technical Specifications (in detail):	
Base Plate	10 mm aluminum anodised
Housing of Applicator Controller	anodised aluminum profile tube
Housing of Print Engine Connections	-
Cabinet without fan	-
Festo Pneumatics	100%
Gauge	-
Mechanical Components	metric
Modules / Replacement-Assemblies	standard
Display Lighting	aluminum anodised
(Remote) Display Remote mountable	standard
Display turnable	user-defined
Multilingual Display-Menu	E, D, I, F, NL, N, S, TR, RU, CZ, LT, PL, E, P
Detailed Status and Error Messages	standard
Diagnostic Function Diagnosis Monitor	via display and USB software
Adjustable cycle time of valves	fix adjusted
Service/Maintenance Counter Service Message	yes, display message + volt free contact
Variants of Applicator	several hundred variants
Printer	flexible print engine technique: Datamax, Sato, Zebra, Avery, CAB
LH / RH	yes, at the same price
Max. Tamp (mm)	20000 mm <sup>2</sup> or 210 mm long
Max. Label (mm)	20000 mm <sup>2</sup> or 180 mm long or 180mm wide
Min. Tamp (mm)	10 x 5
Min. Label (mm)	10 x 5
Max. Stroke (useable)	-
Max. Stroke (useable; optional)	460 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 KH High Speed Unit (small label, min. stroke)	< 60 per min
Top performance with Blow Box	< 120 per min
Tolerance of Label Position (standard applicator)	± 1mm
Tolerance of Label Position (precision applicator)	± 0,5 mm
Tolerance of Label Position (Wipe-on mode)	± 1 mm
Alarm Lamp M12 connector	standard
1st Product Sensor M12 connector	standard
2nd Product Sensor M12 connector	standard
Product Sensor configuration NPN/PNP	via display
Possibilities of configuration via PC	standard / USB
Signal exchange to customer via volt free contact	standard
Max. Roll Diameter	300 mm
Max. Run Width	160 mm optional: 173 mm
Unwind Discs	standard
Rewind (stepper motor technique)	standard
Quick Change	option
Variable Product Detection	option
Low Label Prewarning	option
Control Label on Tamp Pad	standard
2-level Vacuum	-
Service – Export Possibility	D, A, CH, B, DK, NL, F, E, I, P, UK, IRL, N, S

Possibility to save and recall label data in the labeler

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