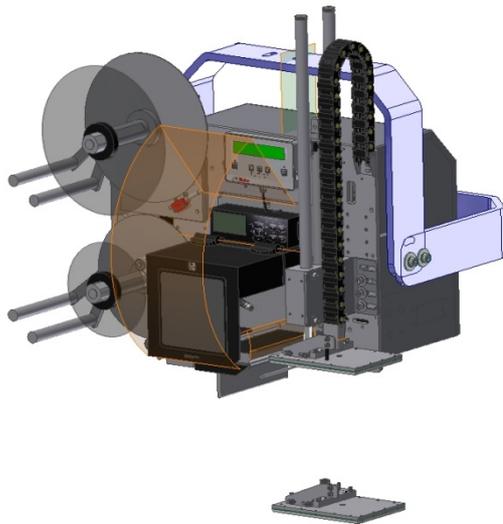


Legi-Air 4050E

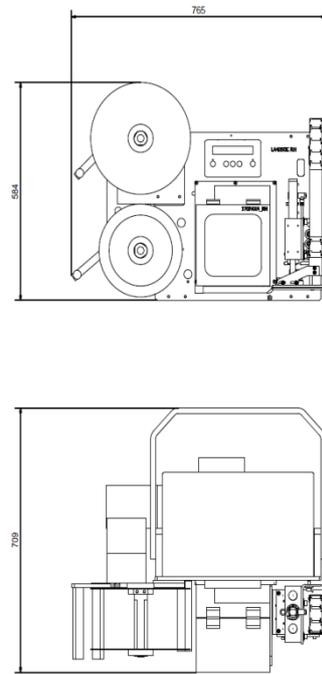


Technical Specifications:

Printing Technology	Thermal transfer or direct thermal
Print Resolution	9 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 from 12,5 x 7 up to 160 x 210 mm, depending on label quality the label length is limited, considerable larger or smaller labels are possible with nonstandard tamps
Tamp Sizes	-
Label Gap	minimum 3 mm
Label Roll	300 mm outside diameter up to 450 mm, core 76mm (3"), outside winding, low label prewarming, optional: inside winding, larger cores and 350 mm outside diameter label roll
Data Interfaces	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 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: 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 75 kg (depending on version)

Power Connection	92 up to 263 VAC, 50/60 Hz, 5 ampere
Environmental Conditions	Temperature: 2° 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 double sided labelling one side pallet-labeler with extra-large stroke fast double sided labelling of cardboards linear applicator up to 1200 mm stroke 90° and 180° swing applicator KH High Speed linear applicator servo applicators vacuum cross belt applicators</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 (on request 14 mm)
Housing of Applicator Controller	stainless steel
Housing of Print Engine Connections	stainless steel
Cabinet without fan	standard
Festo Pneumatic	100%
Gauge	2 internal
Mechanical Components	metric
Modules / Replacement-Assemblies	> 50 %
Display Lighting	background lighting
(Remote) Display Remote mountable	standard
Display turnable	user-defined
Multilingual Display-Menu	EN, DE, FR, NL, NO, SE, RU, PL, ES, TR, PT, IT, CZ, HR, Optional: AZ, FI, HU, LV
Detailed Status and Error Messages	standard
Diagnostic Function Diagnosis Monitor	via display and USB / Ethernet software
Adjustable cycle time of valves	in 1 ms steps
Service/Maintenance Counter Service Message	yes, display message + volt free contact
Variants of Applicator	several hundred variants
Printer	flexible print engine technology Datamax, Sato, Zebra, Avery, CAB
LH / RH	yes, at the same price
Max. Tamp (mm)	160 x 350 optional: 180 x 350 mm
Max. Label (mm)	160 x 350 optional: 173 x 350 mm
Min. Tamp (mm)	10 x 5
Min. Label (mm)	10 x 5
Max. Stroke (useable)	-
Max. Stroke (useable; optional)	1160 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)	150 per min
Top performance with Blow Box	< 120 per min
Tolerance of Label Position (standard applicator)	± 0,8 mm
Tolerance of Label Position (precision applicator)	± 0,5 min
Tolerance of Label Position (Wipe-on mode)	-
Alarmlamp 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	standard / USB / Ethernet
Signal exchange to customer via volt free contact	standard
Max. Roll Diameter	300 mm optional: 350 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	standard
Control Label on Tamp Pad	standard
2-level Vacuum	standard
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	-

Noise emission

The measurements at a distance of 1 m from the machine surface and 1.60 m above the floor show following noise emissions:

A sound pressure level: 72 dB
C sound pressure level: 80 dB
