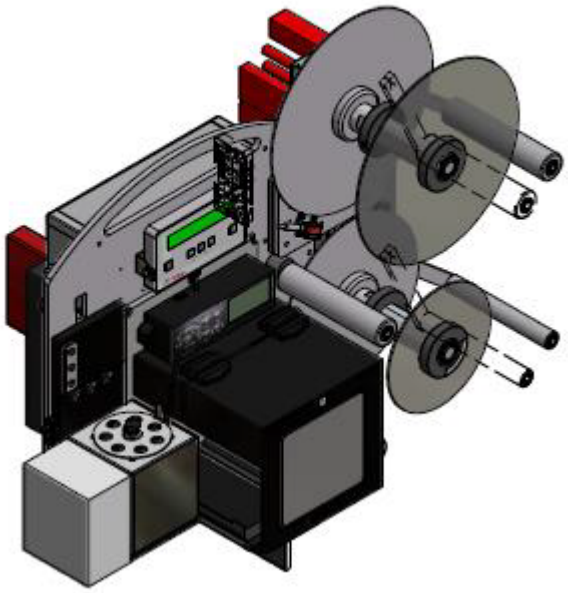
Logimark AB

Legi-Air 4050B-BB



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	Blow Standard from 50 x 40mm to 100 x 100mm, depending on label qualitiy
Tamp Sizes	-
Label Gap	minimum 3 mm
Label Roll	300 mm outside diameter up to 450 rm, core 76mm (3“), outside 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 240 labels per minute, performance data depends on label size, text change
Application Accuracy	Standard: up to ± 1,5 mm on stopped product (depending on application distance, type of applicator and label size)
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 1 l per applying cycle, depending on label size
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, 2 up to 95 % relative air humidity, non-condensing

Certification	CE-Declaration of Conformity
Options	3-coloured alarm lamp IPC in protective housing LLS Legitronic® Labeling Software Bluhmware for controlling and networking the systems attendance check of labels Product sensors stands in different versions (fixed, adjustable via spindle, mobile)
Applicators	4x 4” blow-box
Dimensions	

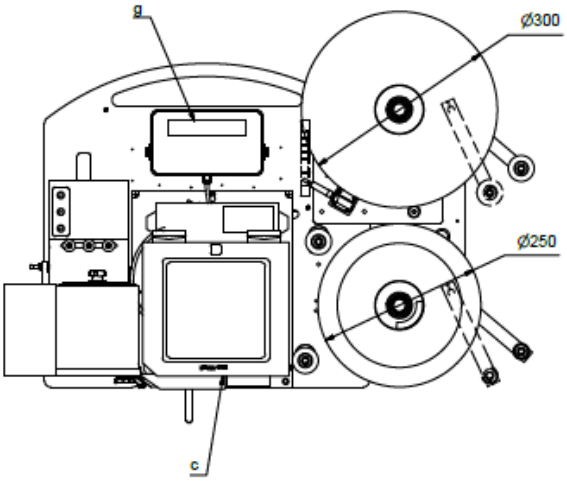
Distribution arguments depending on system

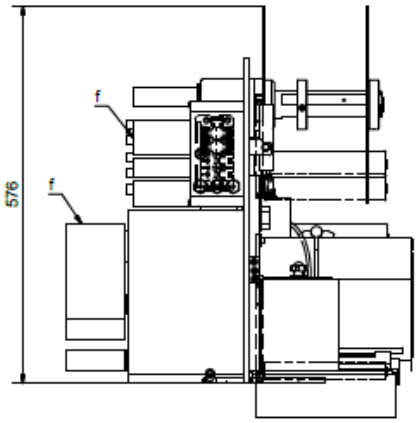
print engine technology of leading global manufacturers
no moving parts on applicator
Europe-wide distribution
very compact construction with a large spectrum of enhancement
developed for day and night operation
all components and also spare parts are standard and originated from large volume production
simple and well-arranged system structure enables the customer`s technicians quick self-help measures in case of errors
large consultant and service network

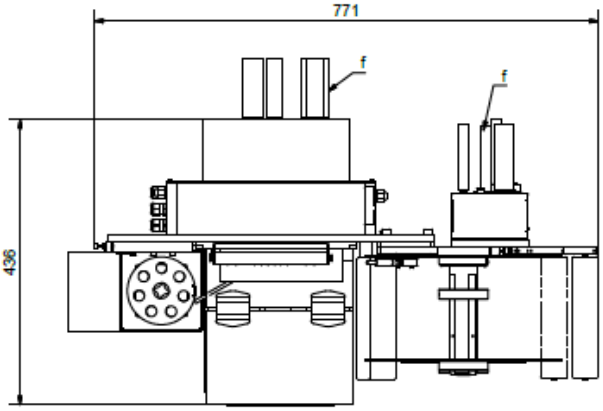
Technical Specifications (in detail):	
Base Plate	10 mm aluminum anodised
Housing of Applicator Controller	anodised aluminum profile
Housing of Print Engine Connections	-
Cabinet without fan	-
Festo Pneumatics	0%
Gauge	-
Mechanical Components	metric
Modules / Replacement-Assemblies	standard
Display Lighting	aluminum anodised
(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
Adjustable cycle time of valves	in 1 ms steps
Service/Maintenance Counter Service Message	yes, display message + volt free contact
Variants of Applicator	1 varia
Printer	flexible print engine technique: Datamax, Sato, Zebra, Avery, CAB
LH / RH	yes, at the same price
Max. Tamp (mm)	-
Max. Label (mm)	100mm long or 100mm wide (preferred ratio w x l = 1,5-2:1)
Min. Tamp (mm)	-
Min. Label (mm)	50 x 40
Max. Stroke (useable)	-
Max. Stroke (useable; optional)	-

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)	-
Top performance with Blow Box	< 240 per min
Tolerance of Label Position (standard applicator)	± 1.5mm
Tolerance of Label Position (precision applicator)	-
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 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	-
Variable Product Detection	-
Low Label Prewarning	option
Control Label on Tamp Pad	-
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	-







NOTE:

- there is NO LAN port on the rewinder (the system cannot be controlled via Ethernet without additional tools)

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