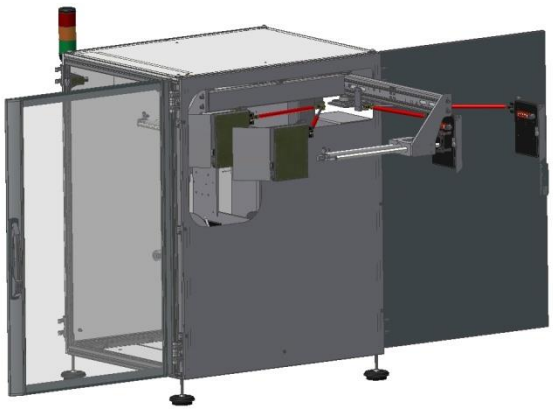
Legi-Air 4050P



Technical Specifications:	
Printing Technology	Thermal transfer or direct thermal
Print Resolution	8 dots / mm (203 dpi) 12 dots / mm (300 dpi) 24 dots / mm (600 dpi)
Print Speed	Up to 400 mm per second
Label Size	Standard: GS1 Recommended sizes: DIN A5 (150 x 210), DIN A6 (100 x 150); optional: further sizes available
Tamp Size	-
Label Gap	minimum 3 mm
Label Roll	300mm outside diameter with up to 450 rm, core 76mm (3“), outside winding, low label prewarning 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 photo cells and alarm lamps
Maintenance Interval	According to interval display
Performance Data	Up to 420 pallets / h
Application Accuracy	± 2 mm on stopped pallet
Number of pallet stops	-
Speed without pallet stops	max. 18 m / min
Print-Apply-Trigger	Standard: 2 light barriers for self-monitoring optional: third light barrier for print activation in batch mode alternative: volt free contacts (PLC)
Alarm System	Standard: error message in text display, volt free contact (PLC), optional: 3-coloured alarm lamp
Compressed Air Consumption	1 up to 3 l per pallet label, depending on label size and setting
Compressed Air Connection	6 bar, Compressed air has to be dry and oil-free (DIN ISO 8573-1)
Weight	Up from 220 kg (depending on stand frame)
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	EC-Declaration of Conformity G1 conform labeling, optional: GOST-R
Options	RFID labeling Shutter and heating for very 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 system stands in different versions (fixed, height adjustable, turnable)
Dimensions	-

Distribution arguments depending on system

- print engine technology of leading global manufacturers
- decades improved patented method of application for the labeling of pallets without stopping them
- Europe-wide distribution
- very compact construction
- 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):	
Stand necessary	Modular base frame on request (depending on application height)
Protective Housing	Standard base 1000 x 800
Material of Housing	Powdered steel casing RAL 7035 (Rittal)
Controller	micro controller
Festo Pneumatic	100%
Gauge	4 internal
Mechanical Components	metric
Modules / Replacement-Assemblies	> 50 %
Display Lighting	background lighting
(Remote) Display Remote mountable	standard
Power Unit for Applicator	pneumatic
Multilingual Display-Menue	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	in 1 ms steps
Service/Maintenance Counter Service Message	yes, display message + volt free contact
Safety Guarding necessary	yes
Printer	flexible print engine technology: Datamax, Sato, Zebra, Avery, CAB
LH / RH	yes, at the same price
Max. Tamp (mm)	160 x 270 optional: 180 x 270 mm
Max. Label (mm)	160 x 270 optional: 173 x 270 mm
Min. Tamp (mm)	150 x 210
Min. Label (mm)	50 x 50
Max. length of rotation arm	400
Max. Stroke (useable; optional)	350

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
Labeling without stop possible (max. speed in case of euro-pallet)	yes front/side max.18 m / min side/rear max.15 m / min
Labeling in stop possible (number of necessary stops)	2
Top performance for 2 sides in throughfeed	240 pall. / h
3-side Labeling possible (number of stops)	-
Top performance 3 sides (stopped)	-
Choice of application mode (front / rear, stop)	via display
Change Application Mode (front, side, front and side) per pallet	option
Tolerance of Label Position (stopped)	± 2 mm
2 Product Sensors incl. mounting	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 optional: 350
Max. Run Width	160 mm optional:173 mm
Unwind Discs	standard
Rewind (stepper motor technique)	standard
Spring loaded Tamp	standard
Variable Product Detection	2 optical 1 via spring loaded tamp
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
Alarm lamp	standard
Pressure Check	standard
Gap Scanner	option
Scanner on Tamp	option
Heating	option
Shutter for Tamp	option pneumatic