**Legi-Air 4050B-BB**

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|  | | **Technical Specifications:** | |
| **Printing Technology**  **Print Resolution**  **Print Speed** | Thermal transfer  or direct thermal |
| 8 dots / mm (203 dpi)  12 dots / mm (300 dpi)  24 dots / mm (600dpi) |
| 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**  **Label Roll** | minimum 3 mm |
| 300 mm outside diameter up to 450 rm, 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 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**  **Compressed Air Connection** | 0,3 up to 1 l per applying cycle, depending on label size |
| 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** |  |
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| **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** | | |

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|  | **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)** | - |

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|  | **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** | | - |
| **Weiter Optionen:** | |  | |
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