**Legi-Air 4050B-ES**

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|  | **Technical Specifications:** |
| **Printing Technology****Print Resolution****Print Speed** | Thermal transferor direct thermal |
| 8 dots / mm (203 dpi)12 dots / mm (300 dpi)24 dots / mm (600dpi) |
| Up to 400 mm per second |
| **Label Size** | Tamp-Blow Standard from 12,5 x 7 to 120x90mm, depending on label qualitiy the label length is limited  |
| **Tamp Sizes** |  - |
| **Label Gap****Label Roll** | minimum 3 mm |
| 300 mm outside diameter up to 450 rm, core 76mm (3“),outside windingoptional: 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 60 labels per minute, performance data depends on label size, text change and stroke |
| **Application Accuracy** | Standard: up to ± 1 mm on stopped product (depending on application distance, 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 3 l per applying cycle, depending on label size, type of applicator and setting |
| 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 lampIPC in protective housingLLS Legitronic® Labeling SoftwareBluhmware for controlling and networking the systemsattendance check of labelsProduct sensorssensor for variable strokestands in different versions (fixed, adjustable via spindle, mobile) |
|  | **Applicators** | linear stroke 250mm with stepper motor |
|  | **Dimensions** |  |
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| **Distribution arguments depending on system** |  |
|  | * **print engine technology of leading global manufacturers**
* **all moving applicators are driven by stepper motor**
* **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 tube |
| **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  |
| **Printer** | flexible print engine technique:Datamax,Sato,Zebra,Avery,CAB |
| **LH / RH** | yes, at the same price |
|  | **Max. Tamp (mm)** | 10800mm² or 90mm long or 120mm wide |
| **Max. Label (mm)** | 108000mm² or 90mm long or 120mm wide |
| **Min. Tamp (mm)** | 10 x 5 |
| **Min. Label (mm)** | 10 x 5 |
| **Max. Stroke (useable)** | 180 mm |
|  | **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** | < 70 per min |
|  | **Tolerance of Label Position** **(standard applicator)** | ± 1mm |
|  | **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 mmoptional: 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** | - |
| **Weiter Optionen:** |  |
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**NOTE:**

-the applicator has been developed for contactless marking. Light touches are compensated. It
 acknowledges a harder impact with immediate return to Home and error message to
 the crash

- Minimum dimension M19 = 20mm!

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- Alternative to the stand. U-arm
- Dimensions and angle of inclination in the drawing
- Projection: 330mm
- Angle of inclination: +-7,5°.

