**Legi-Air 4050I**

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| LA4050I | **Technical Specifications:** | |
| **Printing Technology**  **Print Resolution**  **Print Speed** | Thermal transfer  or direct thermal |
| 9 dots / mm (203 dpi)  12 dots / mm (300 dpi)  24 dots / mm (600 dpi) |
| Up to 400 mm per second |
| **Label Size** | Tamp-Blow Standard from  12,5 x 7 mm up to 150 x 210 mm,  depending on label quality the label length is limited,  considerable larger or smaller labels are possible with nonstandard tamps |
| **Tamp Size** | - |
| **Label Gap**  **Label Roll** | minimum 3 mm |
| 300 mm outside diameter up to 450 rm, core 76mm (3“),  outside winding,  low label prewarning,  optional: inside winding,  larger cores and 350 mm outside diameter label roll |
| **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 100 labels per minute,  performance data depends on label size, text change and stroke |
| **Application Accuracy** | Standard: up to ± 0,8 mm on stopped product (depending on application distance,  type of applicator and label size)  optional: ± 0,5 mm |
|  | **Print-Apply-Trigger** | Reflex sensor,  light barrier,  inductive or capacitive sensor,  micro switch,  volt free contact (PLC) |
| **Alarm Device** | Standard: LED error message in text display, volt free contact (PLC),  optional: 3-coloured alarm lamp |
| **Compressed Air**  **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 120 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  protective cabinet against dust for very difficult environmental conditions protects the printer |
| **Certification** | CE-Declaration of Conformity |
|  | **Options** | RFID labelling  QC Quick Change Tamp spring loaded Tamp  3-coloured alarm lamp  Automatic shutter  heating  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  Product Sensors  sensor for variable stroke stands in different versions (fixed, adjustable via spindle, mobile) |
|  | **Applicators** | One side pallet labeler with extra-large stroke  Linear stroke up to 1200mm stroke  KH High Speed linear applicator  Linear applicator  Servo applicator |
|  | **Dimensions** | - |

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| **Distribution arguments depending on system** | |  |
|  | * **print engine technology of leading global manufacturers** * **very good protection against harsh environmental conditions** * **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  (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-Menue** | 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  USB / Ethernet software |
| **Adjustable cycle time of valves** | in steps of 1 ms |
| **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)** | 150 x 210 |
| **Max. Label (mm)** | 150 x 210 |
| **Min. Tamp (mm)** | 10 x 5 |
| **Min. Label (mm)** | 10 x 5 |
| **Max. Stroke (useable)** | - |
|  | **Max. Stroke (useable; optional)** | 1085 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)** | 100 per min |
| **Top performance with Blow Box** | - |
|  | **Tolerance of Label Position**  **(standard applicator)** | ± 0,8 mm |
|  | **Tolerance of Label Position**  **(precision applicator)** | ± 0,5 mm |
|  | **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 / Ethernet |
|  | **Signal exchange to customer via volt free contact** | standard |
|  | **Max. Roll Diameter** | 300 mm  optional: 350 mm |
|  | **Max. Run Width** | 160 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** | - |