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New: IPTE multi magazine loader/unloader

IPTE, one of the world's leading suppliers of automated production equipment for the electronics and mechanics industry, introduces the new multi magazine loader/unloader – an innovative solution for the end of line automation.

The board handling components MLL 3P and MLU 3P are designed as multi magazine loader/unloader for loading or unloading production lines with processed or partially-processed PCBs. At the end or the start of the production line the PCBs are transferred from or into a rack. The central part of the loader/unloader is a servo driven conveyor shuttle that can pick up or store a PCB from any slot in one of the magazines. Therefore the cycle time and maintenance is dramatically improved by removing movement of the magazines.

The system can hold three regular magazines. It is efficient, fast, productive and it operates very silent. The infeed/outfeed position can be freely programmed in both Z and Y position making it a perfect fit for any SMT line. The components MLL 3P and MLU 3P offer a lean design with optimized footprint. The solid frame is made from welded steel. A light curtain is used for safety allowing the operator to remove or insert magazines without any hassle.

Loading and unloading sequence can be fully programmed, as well as pass/fail separation for the unloading. A color touch screen gives access to all parameters and settings. A diagnostic tool is integrated as well.

The standard MLL 3P or MLU 3P is designed for three magazines. Depending on the size it can be optionally equipped for up to ten magazines.

The multi magazine loader/unloader MLL 3P and MLU 3P are ready to be used with an automated guided vehicle (AGV ready). The necessary interface is optionally available. Another option is a machine with loading and unloading functionality in one system.

Company Background IPTE:

IPTE was founded 1992 in Belgium. IPTE is a worldwide supplier for individual, flexible and high-technology automated product equipment. The company designs standard machinery and turnkey-automation systems of all kinds for production, test and further processing of printed-circuit boards, as well as of board assemblies and final products. IPTE runs eleven sites in Europe, America and Asia with currently more than 800 employees. The IPTE Group's client list includes considerable manufacturers of the telecommunications industry, the consumer electronics branch, the industrial and motor vehicle electronics as well as producers from the assembly technology and the manufacturing sector. IPTE's headquarters is located in Genk, Belgium. Other important sites are located in Germany and France.

More information in IPTE under: www.ipte.com

IPTE Factory Automation NV
Geleenlaan 5
3600 Genk
Belgium
Tel.: +32(0)89 623000
Fax: +32(0)89 623010
E-Mail: info@ipte.com

IPTE Germany GmbH
Schleifweg 14
90562 Heroldsberg
Germany
Tel.: +49(0)911 7848-0
Fax: +49(0)911 7848302

Further information for the press (please do not print):

Redaktionsbüro Stehle
Emdener Str. 5
D-90425 Nürnberg
Telephone: +49 911 3 777 900
E-mail: redaktionsbuero-stehle@t-online.de