

State-of-the-art solutions for the PCB industry
incorporating the latest technology.



PCB SOLUTIONS



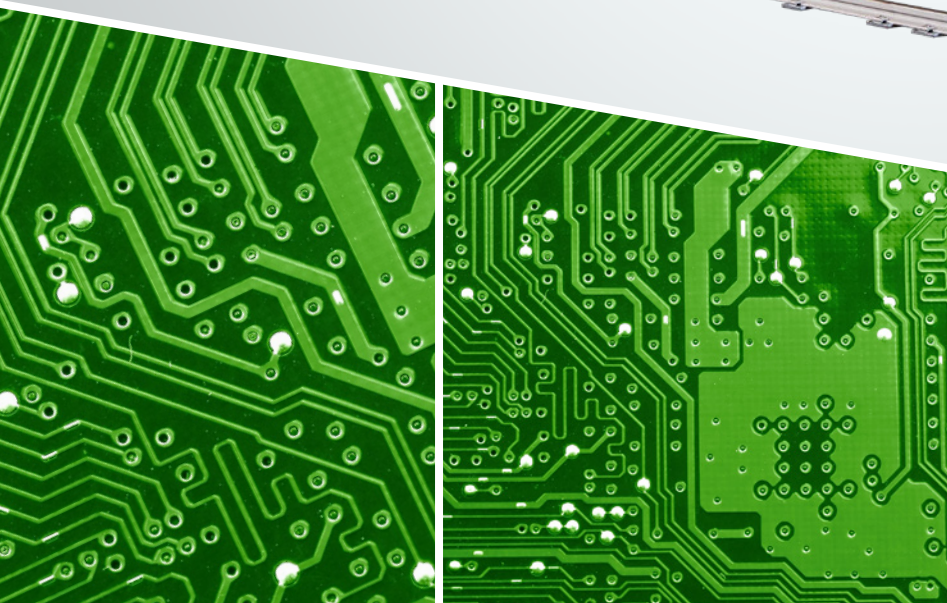
Solutions for the PCB Industry

High quality and well proven presses
and handling equipment



Extensive process knowledge

- Well known supplier of multilayer presses since the 70s
- Numerous installations and excellent references worldwide
- More than 900 hot presses and 300 cold presses since 1997. Over 2000 presses since the 70s
- High quality and well proven presses and handling equipment.
- Extensive process knowledge in all parameters
- Flexible system – line can be built starting with very small solution
- High temperature accuracy
- Easy maintenance



Lamination Systems for Printed Circuit Boards

State-of-the-art solutions for the PCB industry incorporating the latest technology.

Laboratory press LAT 1,8 and LAT 4,5

- Press range: 1,8 tons – 4,5 tons
- Pneumatically operated
- Electrically heated, cooling optional
- Usable surface of 150 x 150mm
- Max. operating temp. 250°C

Hydraulic laboratory press type LA

- Press range: 40 – 160 tons
- Hydraulically operated
- Electrically heated, cooling optional
- Usable surface of max 630 x 630mm
- Max. operating temp. 250°C

Electrically heated vacuum press type LAMEV

- Press range: 100 tons – 500 tons press
- Hydraulically operated
- Electrically heated, cooling optional
- Max. operating temp. 450°C
- Vacuum possible

Thermal oil heated press type LAMV

- Press range: 20 tons – 2000 tons
- Hydraulically operated
- Thermal oil heated and cooled
- Vacuum available
- Operating temperatures up to 385° C
- Platen size up to 1.400 x 2.350 mm
- Number of daylights 1 - 20

Laboratory press LAT 1,8/ LAT 4,5

- for prepreg flow test, material test, manufacture of small parts



Hydraulic laboratory press model LA

- for the definition of process data, such like pressure, temperature, heating time, cooling time and for material tests



Press Line type WORK CELL²



Standalone hot press with loading device for small volumes.



Press line with hot press, cold press and carriage for medium volumes.

Multilam Lamination WORK CELL²

The system that grows with you.

Bürkle's multilam laminating system is offered as a standalone hot press or as a customized press system. The system is extendable at any time for individual requirements.

PCB Press line type MULTILAM

Fully automated press line for medium and high production volumes



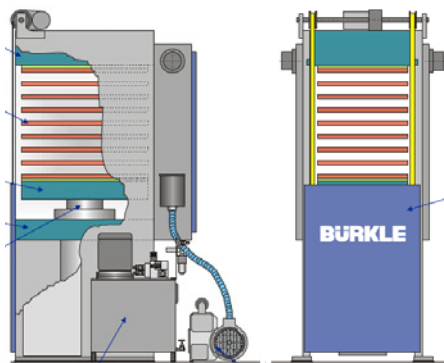
Flexible system line

Well established manufacturing policies and procedures.



Hot-Press

- highest lifetime through proven design and state-of-the-art construction
- screwed press frame for highest precision and reliability
- easy access for maintenance



- guiding rails on the heating platens to avoid a heat transfer into the product before cycle starts

Customized Handling Components

Modern lay-up station with PC screen and touch panel for comfortable usage and user-friendly operation.



Breakdown station for efficient operation.

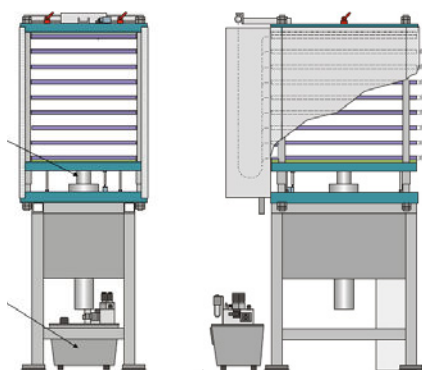


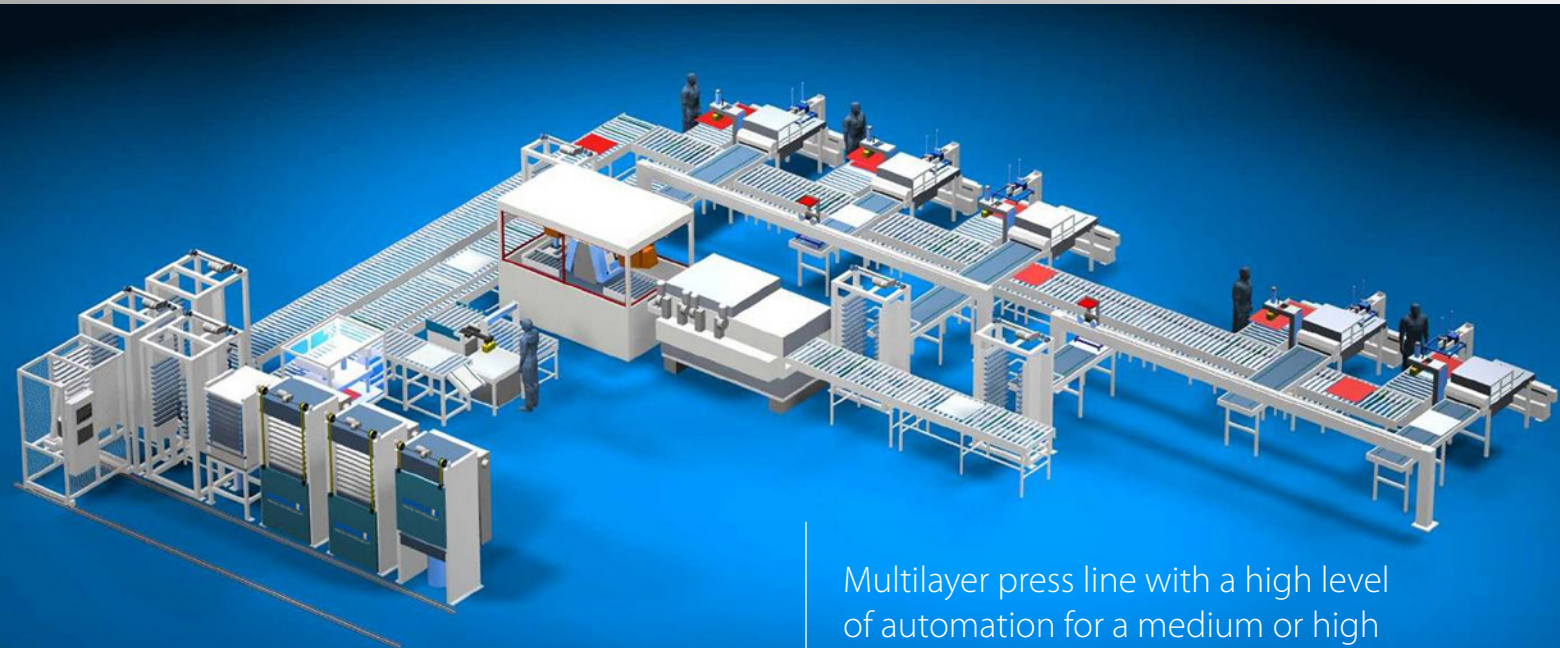
State-of-the-art PLC control system with various functions and possibilities for individual and customized operation in your facility.



Cold-Press

- simple but effective design for efficient production
- low energy consumption of the press line by using cold presses





Multilayer press line with a high level of automation for a medium or high production volume

QUALITY & SERVICE 4U

- ISO 9001:2015 certified
- Compliant with all applicable European standards
- Well established manufacturing policies and procedures
- Experienced supply chain
- Total control of core technologies for example platen manufacture and cylinders
- In process quality steps
- Extensive final assembly testing
- Global service organisation with own sites in China, Asia, USA