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# PFANKUCH Feeder Control Board

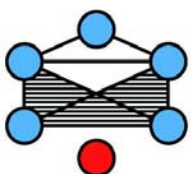
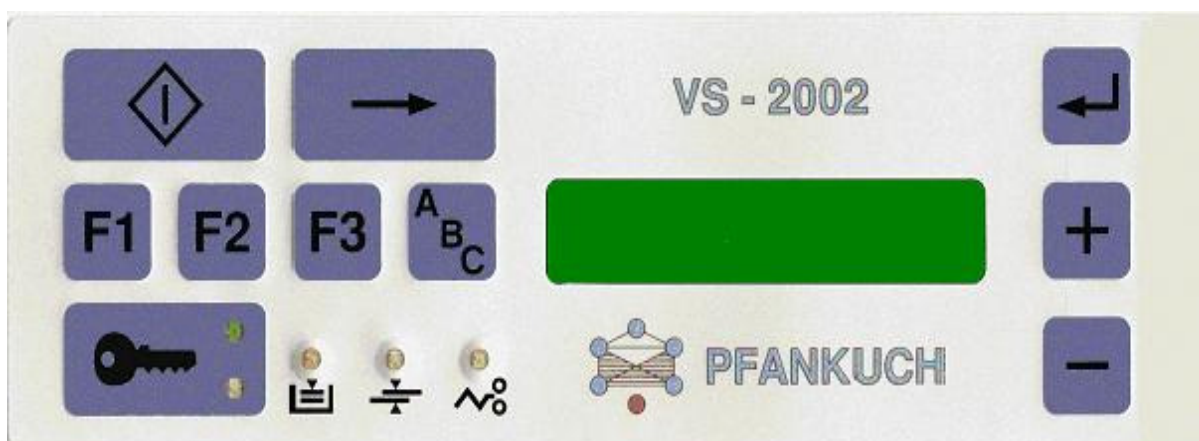
## VS 2002 Dialog Processor

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All functions of the different PFANKUCH feeder systems as well as connected periphery devices are steered and controlled by the new VS2002 microprocessor control board. The control board is equipped with a touch panel, a 2-line alphanumeric LCD display for indication of all machine functions and a operator friendly menu based user interface. The board allows storage of specific product data for machine functions. Furthermore a password function is available which offers the possibility for machine blocking in order to prevent machine operation by unauthorized personnel.

### Main Functions at a Glance

- Language selection (standard: English, German, Spanish, French, Italian, Danish – other languages are available on request)
- Clear designed 2-line display for indication of all menu data and machine functions
- Automatic adjustment of product length and thickness
- Intermittent red light barrier for photo optical product double and misfeed control
- Product counting function
- Adjustable “residual strip” function for product pre-feed
- 64 KB program memory for storage of product specific data as well as specific feeder functions
- Floating inputs
- Options for inverting start- and default in- and outputs
- Machine excess by password function
- Option for ASI bus adaptation
- Serial interface for adaptation of peripheral equipment (e.g. PC, SPS)



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# Technische Daten VS 2002 Control Board

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## Input

4 Universal inputs  
24 V DC (npn/pnp)  
Potential free between inputs  
Potential free to ground  
2 internal inputs  
24 V DC (pnp)  
1 Red lightbarrier VS2002 (analog)

## Output

7 Universal outputs  
24 V DC pmos open drain  
500 mA common output capability

## Display

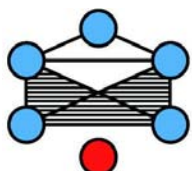
LCD-Display with backlighting  
32 signs, alphanumeric

## Assembly

Microcontroller: 16 BIT Single-Chip  
Memory: Flasch  
Data buffer: Eeprom

## Power Supply

24 V DC



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