

BRUDERER

Leading technology for punching techniques

B-CONTROL

Does this sound familiar?

The number of operating elements and displays on the main control of your punching press is ever increasing. Sometimes you just can't help but think that 21st Century technology is anything but user-friendly. Where's it all leading to?

It's quality not quantity that counts!

BRUDERER have put a stop to over-stimulation! The new B-Control is the answer, providing you with the perfect dialogue partner for the efficient operation of BRUDERER BSTA high performance automatic punching presses. The ultimate in user-friendliness combined with innovative functionality – the recipe for success for every punching professional.

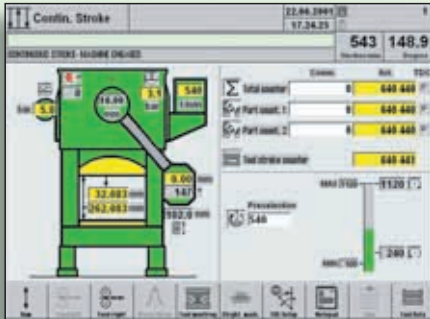
Investment with a future!

High-precision press mechanics and intelligent control electronics guarantee you a degree of productivity and quality that you never thought possible. Furthermore, there is a great deal of emphasis on economic efficiency. Longer tool life, less production waste, constant manufacturing quality on a press that holds its value over many years – so why not invest in the future today?

Ultimate control and integration!

The B-control is however a great deal more than just a user-friendly press control. It is used to manage the entire production process, working as a highly intelligent main control unit. It is compatible with many different networks and has the ability to communicate and save press and tool data, even when external data base servers are involved. Many functional elements of the control, e.g. retooling, language selection or even the design of the operator interface, can be defined by the user. The press conforms perfectly to your specifications – and not vice versa.

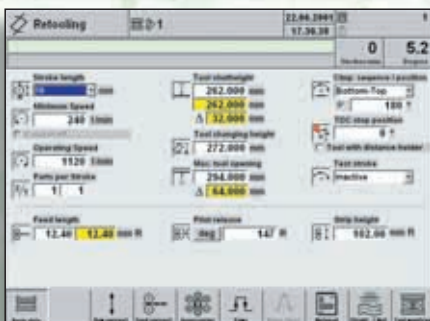




High compatibility and user-friendliness

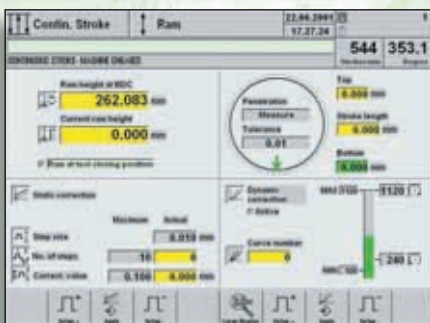
- An informative and clear overview of each and every process-related operating status helps to avoid misinterpretations.
- The dynamic ram height control and semi-automatic stroke adjustment¹ are outstanding qualities facilitating the daily tasks of press operators.
- User-friendly and extremely simple operation thanks to logical display of information and use of self-explanatory symbols, resulting in a reduction of production errors due to misuse.

¹ on BSTA presses with adjustable stroke



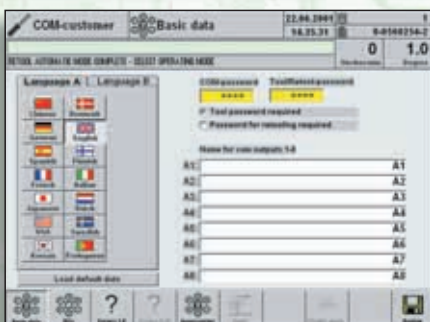
Economic efficiency, increased productivity and return on investment

- Storage of more than 500 tool data records saves time and guarantees safe automatic retooling. The import and export of tool data is also no problem at all.
- The remote customer service – called Teleservice at BRUDERER – ensures a fast and cost-effective customer service. In some cases the problem can be dealt with simply by telephone.
- Because the ram height can be adjusted whilst in continuous stroke mode, the optimum positioning of the ram in BDC can be guaranteed. This leads to increased tool and press life.



Process reliability and reduction of production errors

- The static and dynamic ram height correction enables the press to produce high quality parts – all the time!
- The transmission of signals via fiber-optic BUS increases the process reliability literally at the speed of light.
- The semi-automatic stroke adjustment eliminates costly errors due to incorrect settings.
- Because all tool data can be saved, operators can avoid mistakes being made during tool changes – preventing severe tool damage and subsequent damage to the press itself.



Flexibility and the right amount of customised options

- Two languages can be selected from a number of different languages for each press – which has led to high acceptance of the control amongst those working in production. Therefore there are no limits to the possible applications of the press as far as language is concerned.
- By customising the user interface to accommodate individual requirements, even the most unique and complex applications are possible.
- The open design favours the integration in customers' own IT-solutions and the communication with external applications.

Technical specifications

Hardware

- PC control with Pentium CPU and large main memory
- IDE hard disk, CD-ROM and floppy disk drive, network connections and modem, connections for external keyboard and PC-mouse
- Large TFT flat screen, emergency off button, operating mode selector switch, 12 PLC keys, 10 softkeys, 16-number keypad, 9-key navigation pad, 10 function keys, 10 keys for press operation

Software

- Windows Operating System, BRUDERER software, Visual Basic, C++, NC axes with bearing a main drive control
- 4 programmable counting functions and 1 working hour counter
- Options: tool protection, press force measurement, dynamic feed display and adjustment

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