

# ToolControl



The intelligent socket box recognises if a tool (e.g. bit, nut) is taken out. Based on this, it then automatically calls up the correct sequence program. By external presetting the ToolControl shows the assembler the tool which at the moment is required in the assembly process. The connected socket boxes are identified from the control system and communicate via the DSM systembus as well as via Profibus by external presetting using a foreign controller.

ToolControl is available as base system and as extension system. By cross linking of several units the base system is combined with the corresponding number of extensions. The identification and classification is made automatically. The system can be extended to up to 32 sockets.

The tool inserts, manufactured out of plastic, are part of the shipment. To assure a mix-proof handling, an adjustment of the inserts to the tool is necessary. This can either be made by the customer or by DSM.



TC



TC-E

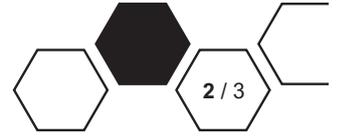
- Status messages via plain text display
- LED status display for each tool
- Programme selection when removing the tool
- Programme selection with preset of the tool removal
- Processor-monitored tool removal
- Adapted tool inserts made of plastic
- Cascadable up to max. 32 tools
- Cast aluminium console housing with mounting brackets

- USB port for interface configuration
- System bus interface for communication with the control system
- Extension interface for ToolControl module
- Profibus, Ethernet interface for integration into the PLC
- RS232 interface

Dimensions  
(W) 300 mm x (D) 198 mm x (H) 130 mm

Weight  
3,6 kg

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## ToolControl basic system with LCD plain text display

Type	Tool inserts	Outside diameter tool	Article number
ToolControl TC2 socket box	2	max. 72 mm	DSM-200200
ToolControl TC4 socket box	4	max. 40 mm	DSM-200400
ToolControl TC8 socket box	8	max. 15 mm	DSM-200800

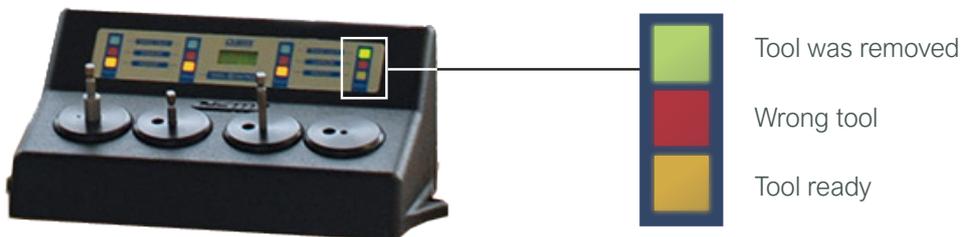
## ToolControl expansion system without LCD plain text display

Type	Tool inserts	Outside diameter tool	Article number
ToolControl TC2-E socket box	2	max. 72 mm	DSM-200250
ToolControl TC4-E socket box	4	max. 40 mm	DSM-200450

## Cable

Type	Cable length	Article number
Cable for interconnection between basic system and expansion system	0,8 m	DSM-200176

Expansion system contains the interconnecting cable



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