

# BENCH TOP MACHINES

## Bench Top Stripper/Crimper BT-SC

### Description

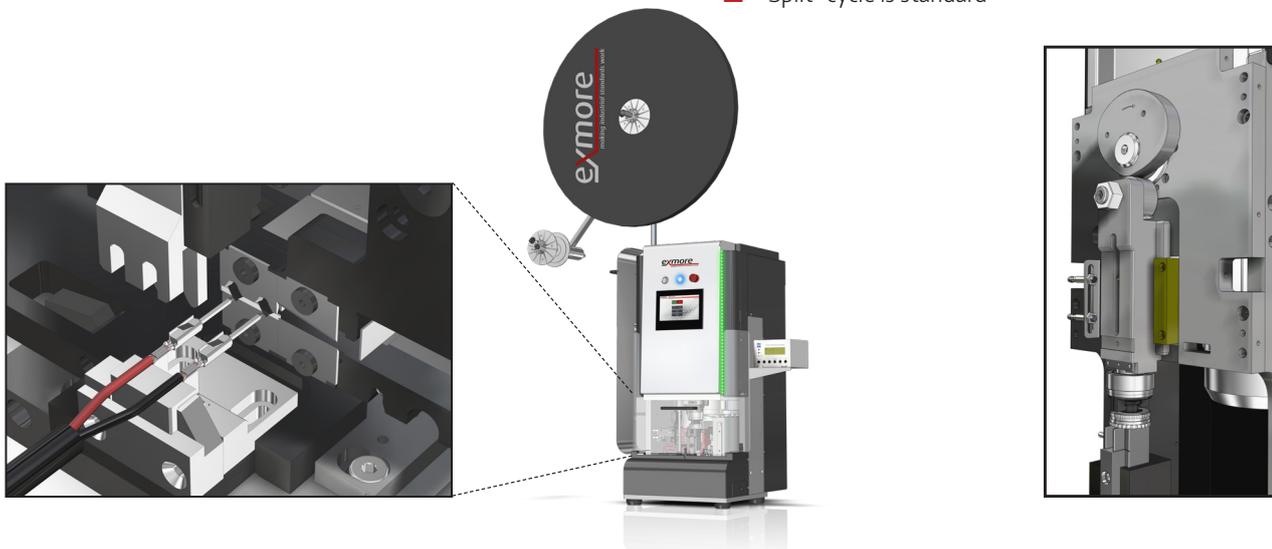
The Exmore benchtop crimping presses are designed for the production of single and multi-conductor cables. The crimp presses are not only available with a standard foot pedal, but also with a two-handed activation or start sensor.

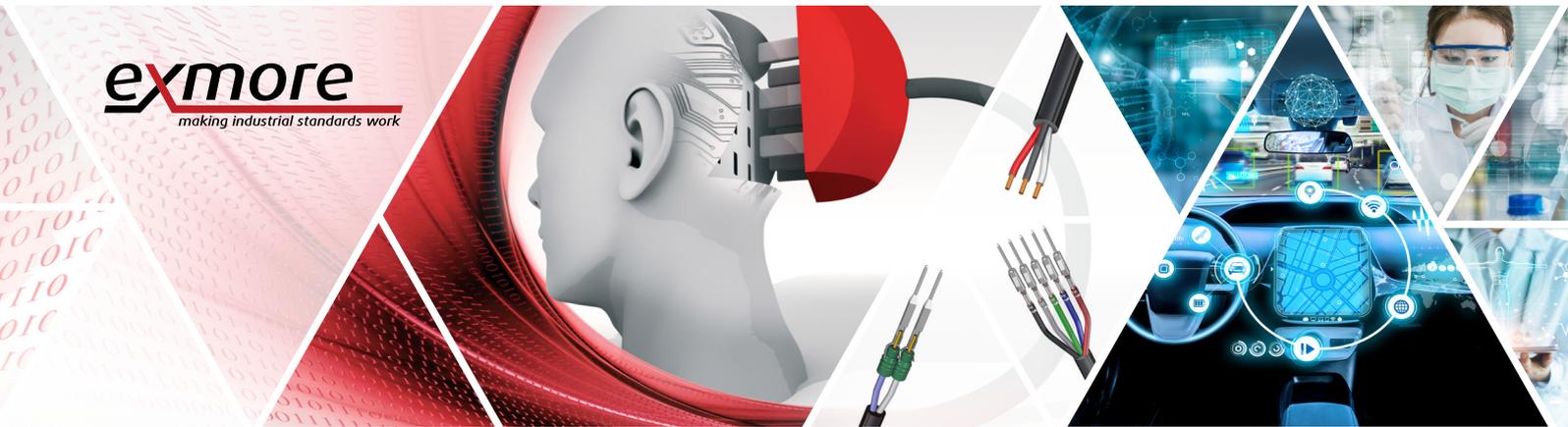
These crimping presses are outstanding in terms of short cycle times, short changeover and setup times. The "patent pending" drive system ensures the short cycle time with a long crimping time. Most of the presses crimp only for 40 ms. (time that the press is in LDP). The Exmore Press crimps 200 ms, which is 5x longer, and the springback effect of e.g. steel contacts is massively reduced. Even with the crimping of smaller terminals the press will give longer lasting advantages.

Our drive system ensures stable CPK values and a low-noise operation. The optional crimp force monitoring, which comes with the press, detects good and bad wires reliably and gives a detailed description of the error.

### Range of Technologies

- When it comes to the serial production of crimped connections and other cable processes, the key factor is that the components to be connected are held and positioned precisely to one another. This results in the highest possible degree of process reliability and uniform results
- Servo-controlled stripping station for standard applications and for cables in high-demand applications
- Good/bad sorting
- Integrated crimp force analysis
- Active quality monitoring even during setup
- Quick changeover, setup and cycle times
- Saving of machine and processing parameters
- Easy to operate with Touch-screen
- Wire remains in the same position during whole processing cycle
- Split-cycle is standard





## Options

- Short jacket stripping length
- Bad contact cutter
- Paper winder
- Strip chopper
- CFA
- Integrated PT
- Integrated CHM
- Table
- Barcode scanner
- ...

## Control

- Visualization through touch screen
- Interface: Serial, Ethernet, Profibus, USB
- Integration into production line through Profibus is possible without effort

## Programming

- Modular system concept for the highest flexibility
- Use programming through macro instructions
- User instructions and programming through touchscreen
- Visualization (graphical display)

## Technical Data

<b>Crimping force</b>	20 kN
<b>Motor Power</b>	0.75 kW
<b>Drive</b>	frequency controlled drive motor
<b>Mains voltage</b>	230 V, 1 ~ / N / PE, 50/60 Hz
<b>Cross-sectional area</b>	up to 6 mm <sup>2</sup> (10 AWG)
<b>Stroke</b>	40 mm
<b>Shut height</b>	135.78 mm
<b>Cycle time</b>	0.5 s
<b>Sound level</b>	< 70 dB (A)