

BENCHTOP SEMI-AUTOMATIC BT-SA

Description

The flexible Exmore splicing machines make it possible to manufacture perfect and efficient connections. In one processing step the necessary piece of the continuous splice band is cut, formed and crimped to a durable and reliable crimp connection. These splice bands are made in a wide range of materials/alloys and sizes.

The Exmore Splicing machines offer a variety of applications with the highest degree of quality and flexibility that are required today, e.g. in the automotive industry, household equipment industry, sensor processing, etc.

Splicing is very fast and therefore a cost efficient connecting element. With a single splice band the most diverse connections can be produced by a suitable tool. The storage costs for consumables are thereby noticeably lowered.

There are several crimping technologies on the market; however splicing technology stands out for its ease of use. On top of that, splicing allows a space-saving connection in view of the further miniaturization of components.

Features

- 7" touchscreen (movable)
- Servo Motor Drive technology
- Precise, electrically driven splice band feeder
- Easy programming
- Splice height adjustment – in steps of 0.02 mm
- Operation voltage 230VAC and 110VAC
- Ready to integrate in automatic lines / IO-interface including safety features
- Illuminated work area
- Splicing cycle time: 0.3 sec



Options

- Selection for several tool sizes and applications by software
- Sequential splicing
- Visual positioning feature
- Camera view work position
- CFM (Crimp-Force-Monitoring)
- Automatic splice height adjustment through display
- Automatic band length adjustment through display
- Possibility to save machine settings
- Detection of splice band end

Splicebands

We provide a multitude of splice bands deliverable in different materials/alloys, with different dimensions in width and thickness.

Widths: 2, 4 or 6 mm.

Thicknesses: 0.20 – 0.50 mm.

Alloys: Brass untreated, Brass tin plated, Copper-Nickel alloy (CuNi9Sn2), Tin bronze, Stainless steel etc. (Special alloys are available on request)

Pcs./Spool: The minimum quantity of connections is between 20,000 and 150,000 connections per spool, depending on the dimension and tool size.