

Optical Fiber Processing System

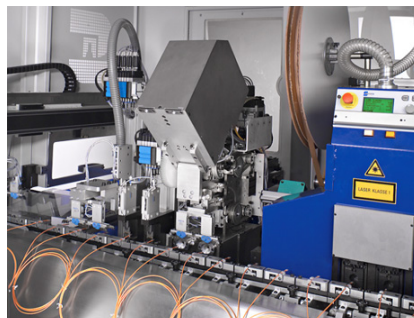
POF Machine



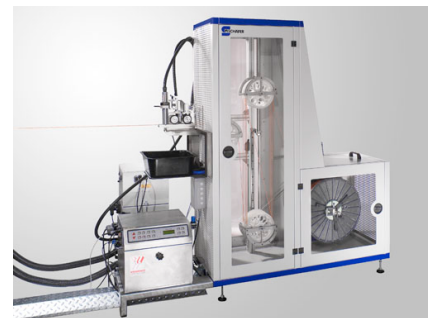
- Transfer optical fiber processing system
- Extensive processing possibilities
- Modern transfer technology
- Robust machine design
- Integrated core position control
- Attenuation measurement for high product quality



End products



Transfer technology



Dereeler inclusive printer

POF Machine



Description

Schaefer POF (polymer optical fiber) cables are used by many international automotive, audio, etc. companies. The design of this machines allows the use of all POF processing components that can be used in a manual production line.

Machine operations include:

- Dereeling the polymer optic fiber
- Printing
- Cutting to length
- Stripping
- End face treatment (deburring, polishing)
- Coiling or straight length as required
- Coil tying
- Positioning the core and laser welding of the plastic contacts
- Attenuation measurement
- Identifying and segregating rejects
- Completed cables deposited in bins
- Bin/conveyer transport out of the machine

Range of Application

Polymer optical fiber cables with sheat dimensions of 2,3 mm outer diameter and 1,5 mm inner diameter and a optical fiber with 1,0 mm diameter.

Product Combination Possibilities

All Schaefer POF processing components from the manual production line can be used.

Sales and Service for Turkey



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