

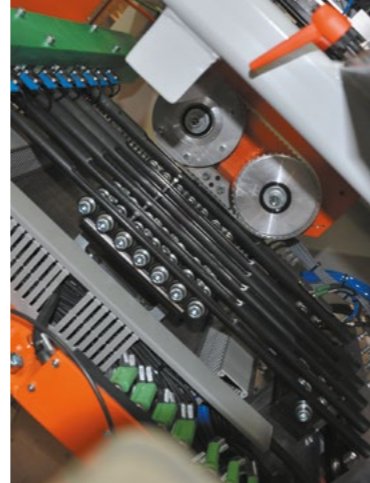
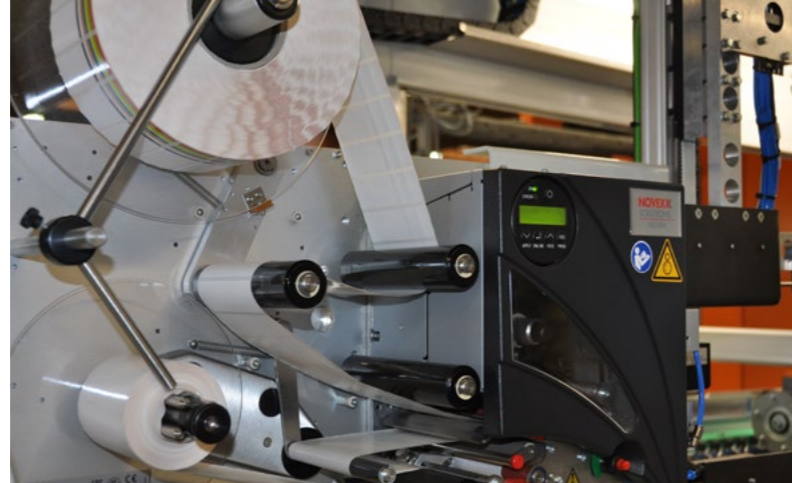


# BURKE PORTER GROUP

Providing the world with intelligent machines

CUTTING  
COUPLING  
ASSEMBLY  
MACHINES





## TUBE CUTTING MACHINE

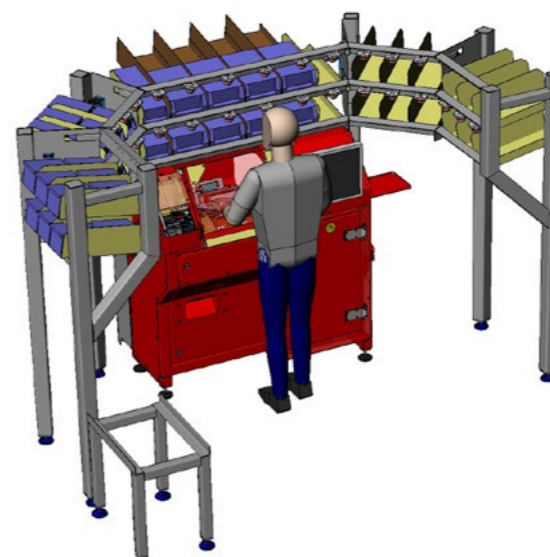
The BPG tube cutting machine is designed to label, to mark and to cut-to-length PA-tubes within 1 cycle. Depending on the received production data, the machine produces specified tubes in batch or in sequence. Different diameters and customized lengths can be handled. The tubes can be completed with a color label containing production information. Inkjet marking on the tubes is an option.

- Tube cutting, labeling and marking machine
- Feeding PA pipes of different diameters 4/6/8/10/12 and 16mm
- Labeling at one or both ends
- Cutting in various lengths from 100mm up to customized lengths (in random order)
- Inkjet printer marks data on both tube sides
- Inkjet printer adds operation info on the tubes
- Cutting speed up to 14 tubes/min (average length 3m)
- Full track & trace
- Marks are touch dry



## COUPLING ASSEMBLY MACHINE

The BPG coupling assembly machine is designed to assemble couplings automatically on PA-tubes. After presentation the tubes to a barcode reader and in combination with a pick to light system, the operator knows which coupling, connector block or nut ring needs to be fitted on the tubes. A control panel guides the operator through the assembly process. The machine can handle 6 different tube diameters and 24 coupling types, which are automatically selected by a servo slide. The coupling assembly machine can be operated as a stand-alone system or is controlled by an external master system. Depending on the received production data, the machine assembles in batch or in sequence at a capacity of 3 tubes with 2 couplings/min.



- Coupling assembly machine
- Assembles 24 coupling types on different PA-tube diameters 4/6/8/10/12/16mm
- Capacity: 3 tubes with 2 couplings/minute
- Servo controlled operation
- No change over time between various variants of couplings
- Tubes and couplings are centered by the machine, no interference by the operator
- Full track & trace



### TUBE CUTTING MACHINE

Cutting speed	Up to 14 tubes/min
Cuttings length	100 mm to customized length
Feeding Pipes	Diameters from 4mm to 16 mm
Labeling	One or both ends

### COUPLING ASSEMBLY MACHINE

Assembling	24 coupling types
PA tubes	Diameters from 4mm to 16 mm
Capacity	3 tubes with 2 couplings/min
Changeover time	None
Insert depth	Variable position



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