

Automated assembly machine

SERVICE LINE

Parts to be assembled:

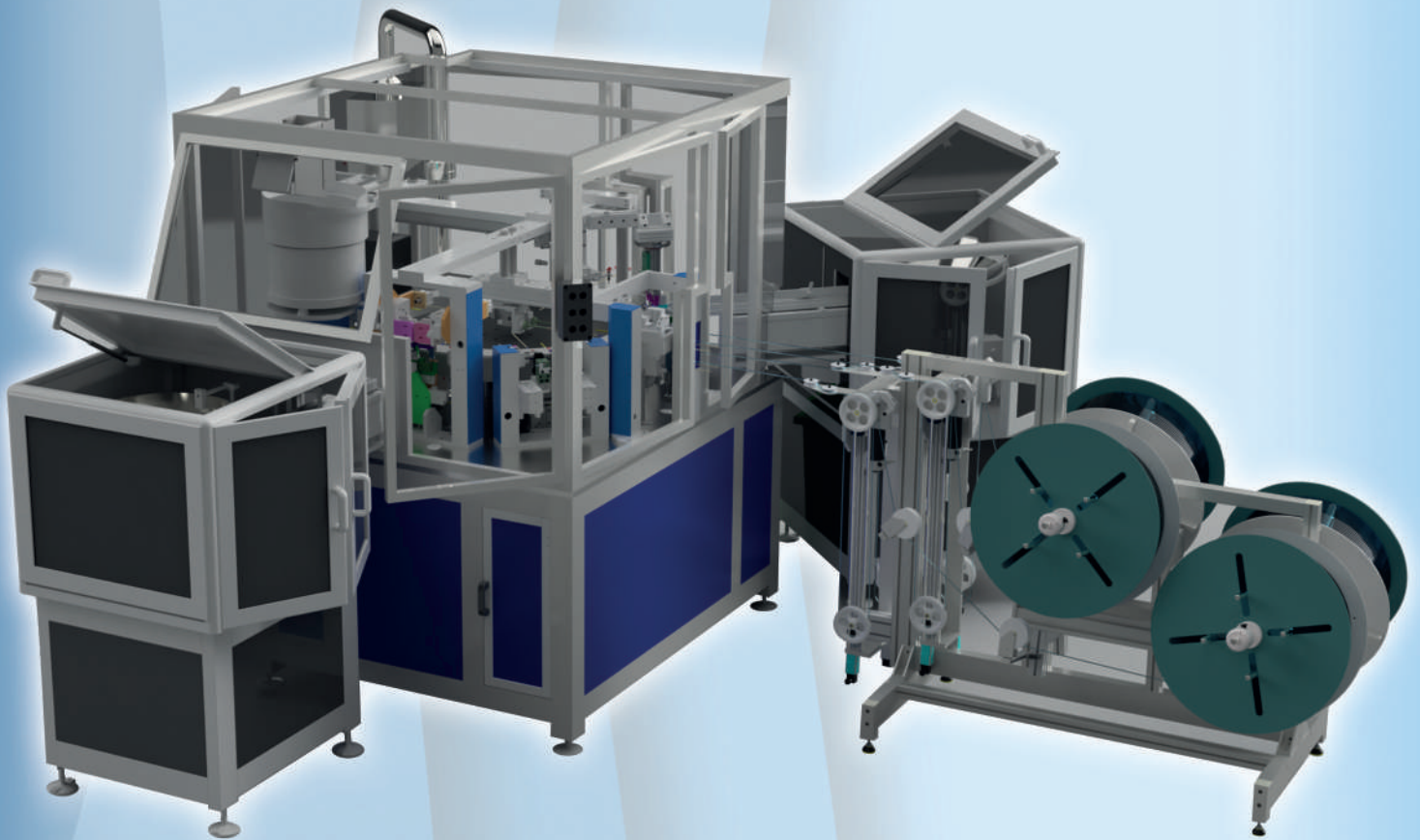
- PVC Tubing \varnothing 3,5x5,5 mm or \varnothing 2,5x4,1 mm; 80 to 360 mm length
- Clamp
- L.L.F. Connector

Nominal Productivity :

2.400 pcs/hour

Machine medium cycle time:

3 seconds working 2 pieces / cycle time



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- The machine is based on an indexed rotating table with 8 double working stations. Tubing length and set configurations can be programmed from the operator panel.
- Double feeding
- Uncoiling system
- 3 feeding systems
- Solvents : Cyclohexanone
- PLC: Latest generation
- Display: LCD Touch Screen
- Vision system checking the right position and insertion of the connector, with video camera interfaced with the PLC of the machine



The machine uses a video camera checking system for the visual inspection of the correct assembly of all the parts composing the set. The cap screwing is performed using a reliable servomotor that can apply a precise torque in accordance with a pre-set value. Wide range of tubing lengths available on the same machine.

Machine dimensions (including tubing uncoiler and feeding systems): 3000x3400mm

Service Line - Operation per hour	
Tubing Cut	2400
Clamp Assembly	2400
Dispensing	2400
FLL Insertion	2400
Plug	2400
Insertion Test	2400

