

CASE HISTORY

COMPLETE PLANT FOR THE PRODUCTION OF
SMALL TUBES FOR THE MEDICAL SECTOR



Friul Filiere S.p.A. has carried out a complete line for small tubes for the production of: **flocked swabs, dip tubing for hand sanitizers**, cotton swabs, **small tubes for different medical applications**.

This technology is able to produce at the highest speed with the most accurate diameter control.

In particular the line for flocked swabs consists of :

- the **material dosing and feeding system**
- Single screw extruder with process control 4.0
- Vacuum cooling Vat Table "BA 5.5" with **patented calibrating system**
- High speed haul-off unit
- Cutting unit with rotating blade at variable speed
- Chiller and heat exchanger
- Laser system for product control
- Tube **collection system and automatic packaging** in customized boxes
- Extrusion die equipped with the **patented TUBEASY system** for centering the flow.

The maximum guaranteed production capacity ranges from 1300 to 2600 pieces per minute, depending on the length required.

The plant was designed for those who need a very precise system that can guarantee high quality products in line with the standard of the medical sector.

NAME

COMPLETE PLANT TO EXTRUDE OF SMALL TUBES FOR THE MEDICAL SECTOR

SECTOR

MEDICAL & PHARMACEUTICAL

TYOLOGY

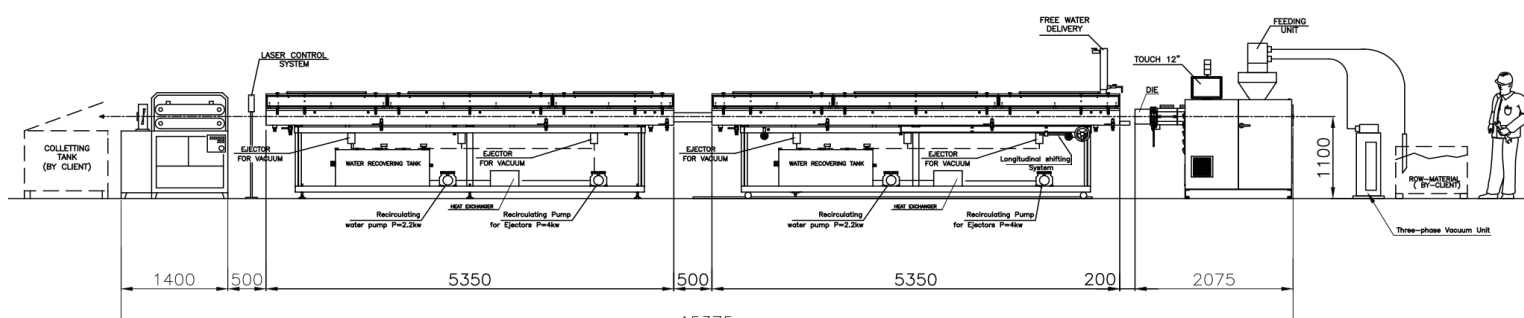
SMALL TUBING

MATERIAL

PE / PP / PS /PVC/TPU and other thermoplastic materials

PECULIAR FEATURES

maximum production speed of tubes with the most accurate dimensional stability.



✓ **PRODUCTION UP TO 1300 PCs/MIN**

✓ **TOOLING EQUIPPED WITH PATENTED SMART SYSTEM TUBEASY™**