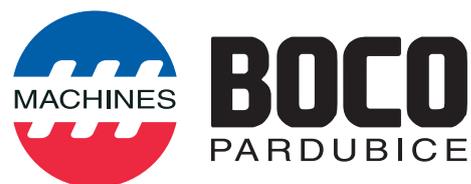


# EXTRUSION LINE FOR PRODUCTION OF FILAMENTS



We introduce our universal **extrusion line for production of filaments for 3D printers, welding wires, strings for garden equipment**, etc.

The line is designed for extrusion of materials ABS, PLA, PET-G, MARLEX, DOWLEX and for production of filaments of various diameters from 1.75 up to 5 mm.

It is equipped with a compensator with a capacity of up to 140 meters, that allows the spool of 0.5 – 5 kg to be replaced without interruption of operation.

The 6-meter long cooling tank is divided into three sections. The first section allows water to be cooled or heated up to 80 °C, the second allows water to be cooled or heated up to the temperature of 50 °C and the third part is only cooled.

The line is controlled by a PLC panel with automatic operation and is equipped with a triaxial measurement of a string profile, which automatically regulates the string diameter within the required tolerances.



## EXTRUSION LINE CONSISTS OF:

1. SINGLE-SCREW EXTRUDER BOCOMATIC
2. COOLING STAINLESS TANK, DRYING THE STRINGS
3. HAUL-OFF DEVICE
4. TRIAXIAL MEASUREMENT
5. COMPENSATOR
6. WINDING DEVICE EQUIPPED WITH A SPEED CLAMP OF SPOOLS

## TECHNICAL PARAMETERS:

Line speed up to	100 m/min
Compensator capacity	140 m
Extruder output	5–20 kg/hr
Extruder screw and barrel diameter	45 mm
Working length of screw	30 L/D
Main drive power output	9.2 kW



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The company BOCO PARDUBICE machines, s.r.o. has more than 25 years of tradition with a focus on the production of machinery and equipment for the plastics and rubber industry.

Its technological background and range of offered professional services make from this firm one of the leading manufacturing companies in the plastics and rubber industry in the Czech Republic and the EU.

Contact details are available on our website

**[www.boco-extruders.eu/contact](http://www.boco-extruders.eu/contact)**

### **We also produce:**



Recycling lines



Regranulation lines



Compounding lines



Screws and barrels



Single-screw extruders



Twin-screw extruders



Laboratoy extruders



Thermal insulation covers



Wheel clamps for cars and trucks



Design and production of tools for extrusion (heads, nozzles, etc.)