



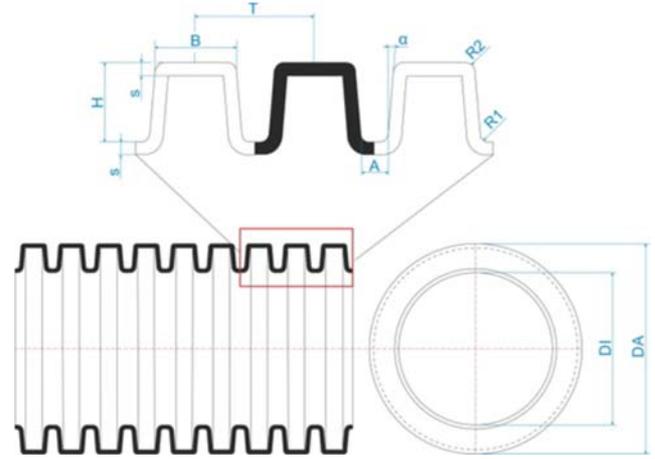
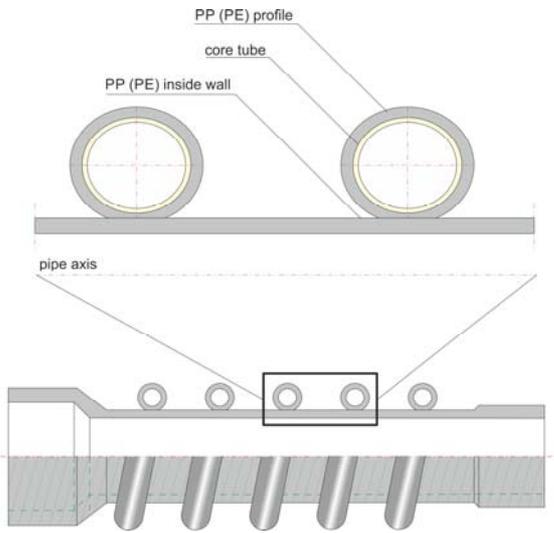
# profiline

c-series

Corrugator lines as addition to p-series lines



The corrugator **profilline c-series** has been designed to feed the extrusion line **profilline p-series** for large diameter pipes with a core tube of four different profile. The core tube is an important filler during the pipe extrusion and enables us to create the famous bauku omega profile.

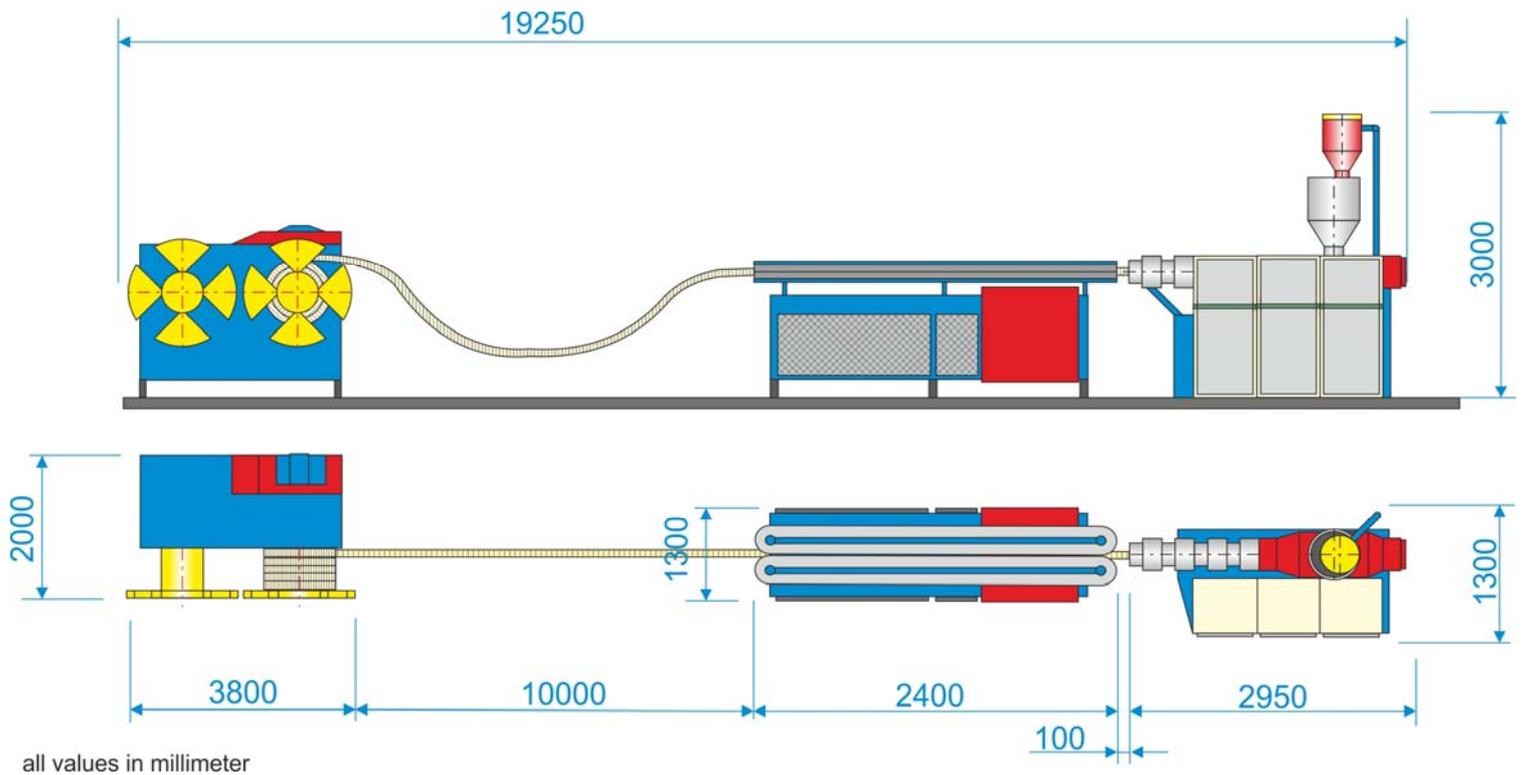


The core tube has to provide a high ring stiffness under extreme heat (up to 230° C) and at the same time it has to be flexible enough to be wound around the smallest pipe diameter produced with bauku machines, which is the DN 300. As the stiffness of the profiles produced with the inner core tube has to be different depending on the pipe diameter and the stiffness class, we at bauku have designed four core tube sizes to optimise our production.

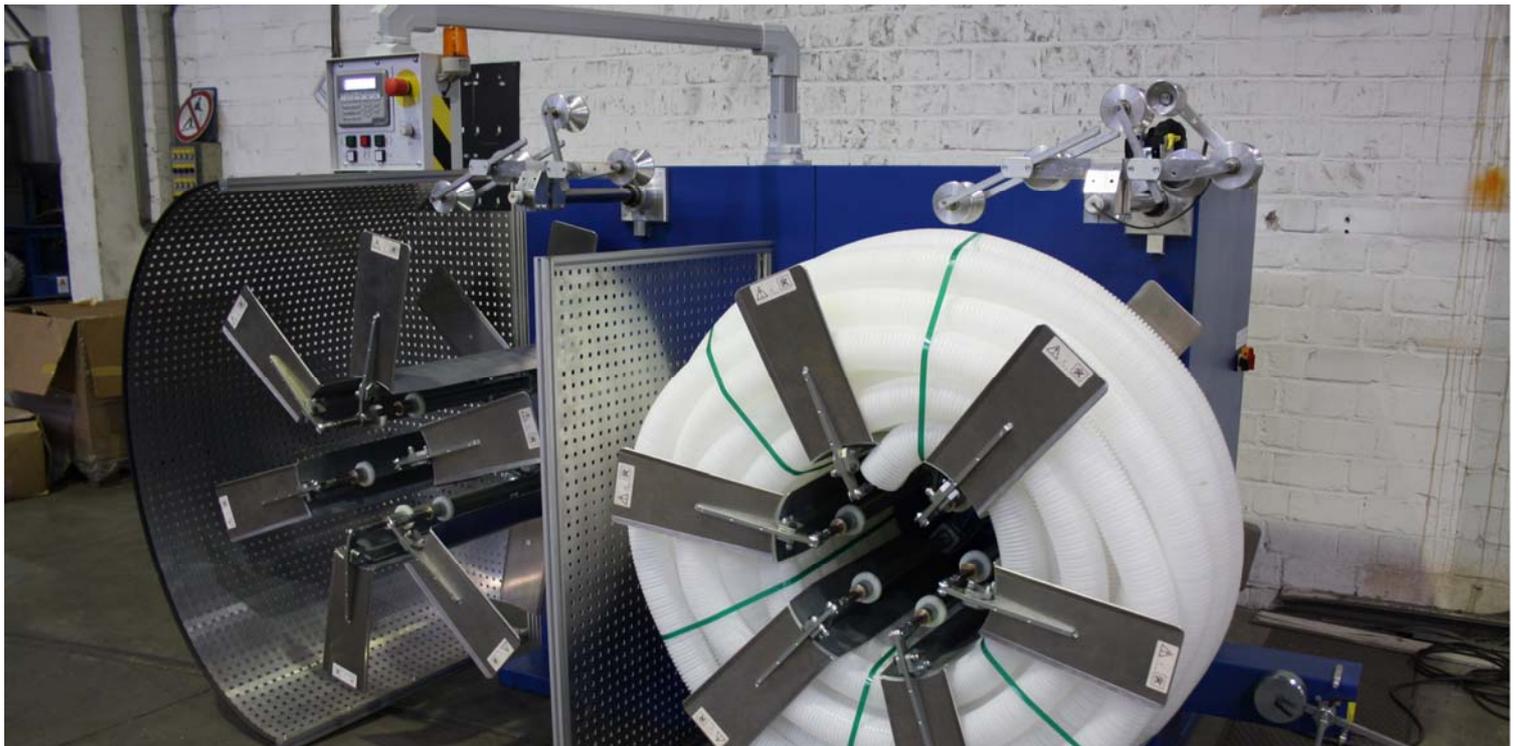
	type 30	type 50	type 80	type 110
<b>DA [mm]</b>	31,0	53,2	84,3	110,0
<b>DI [mm]</b>	24,3	45,2	69,9	94,0
<b>Weight [g/m]</b>	133,0	271,0	494,0	854,0
<b>Output [kg/h]</b>	66,0	84,0	113,0	162,0

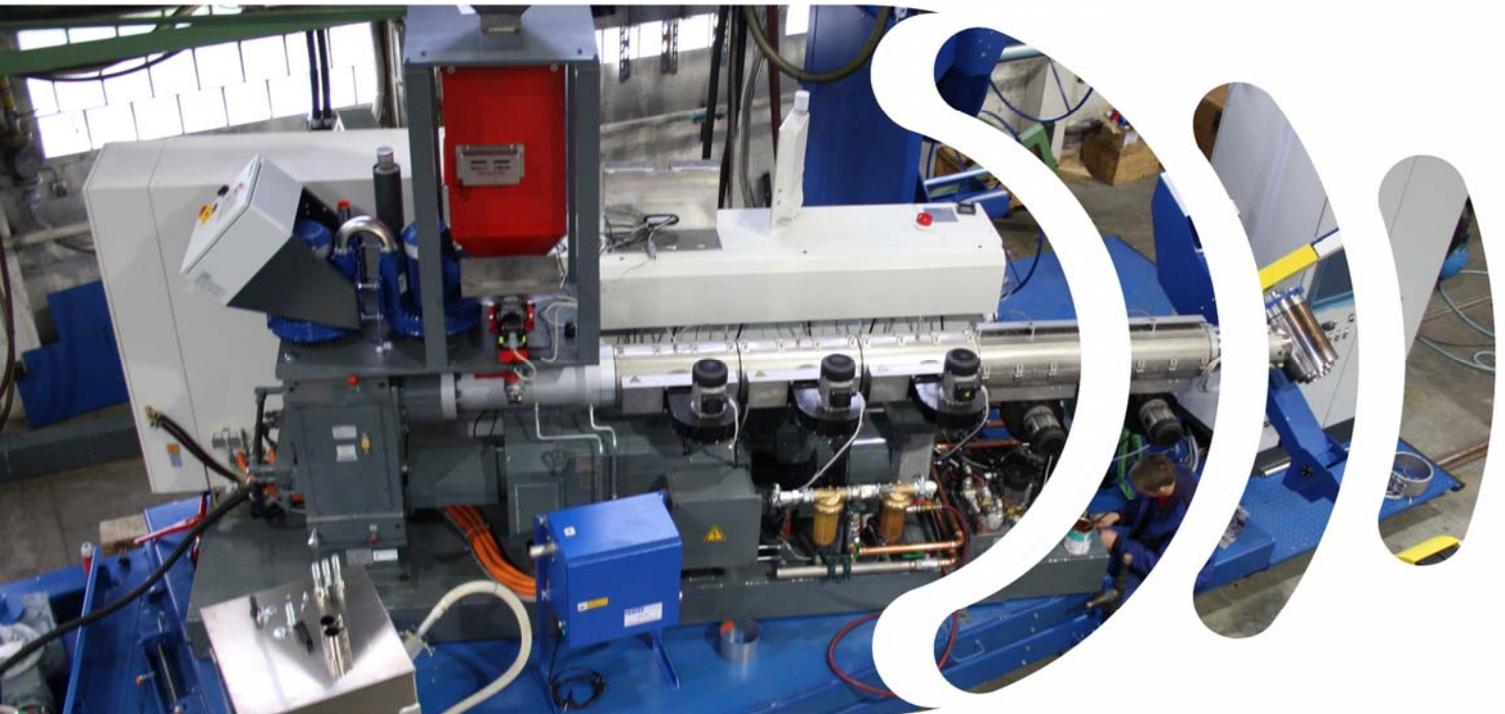
All values given here are non-binding and subject of technical changes.





The extruded core tube is guided to a single or double winder (optional) to produce a roller, which will have the right dimensions to put in the **profilline p-series** for the production of large diameter spiral pipes. The special design of the core tube is optimised for the use with our PP or PE profile pipes. As the heat resistance during extrusion is the most important feature for the core tube, we just recommend the use of special PP grades for the production of this tube. Extruder, corrugator and winder are integrated parts of the **profilline c-series** and are carefully adjusted to each other to optimise the production capacity and the quality at the same time.





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