

## AMUT LINE FOR BIG SIZE MULTILAYER PPR PIPES WITH GLASS FIBER

**Diameter up to 630 mm for the production of multilayer-pipes in PP with glass fiber:** this is the line sold by AMUT to a primary European pipe producer dedicated to hot and cold water ducting for civil and industrial applications.



The glass fiber improves the elastic module of the pipe reducing the thermal expansion. Pipe installation costs are lower than the ones for traditional pipe because pipe support is reduced during installation. **The quality of pipes is generally enhanced.**

The line is composed by 3 single screw extruders, EA75 AMUT model, L/D 35:1 and 1 co-extruder EA20 for the coloured strips. **The extruder for inner layer is equipped with anti-abrasion high quality treatment screw and barrel** to process properly the glass fiber.

The line is equipped with a **special head designed for processing big-size pipes and different configurations:** 3-layer with spiral-helical distribution system. The head is thermoregulated through a dedicated TCU keeping accurate temperature during the production process (TERAX system). **Any sagging effect is avoided and perfect uniformity of the thickness can be maintained.**

Every extrusion tool is designed to **reduce the time required for pipe dimensional changes.**

The pipe head is equipped with INRAF system for the internal cooling of the pipe. This energy saving concept allows the **reduction of the number of cooling tanks**, improving the dimensional quality of the pipe.

An integrated computerized system (SURVEYOR) controls all the parameters during each phase of the production process. **An innovative software manages the action of the vacuum pumps and save energy by reducing operating time.**

