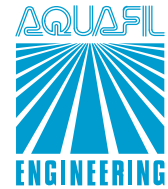


press information



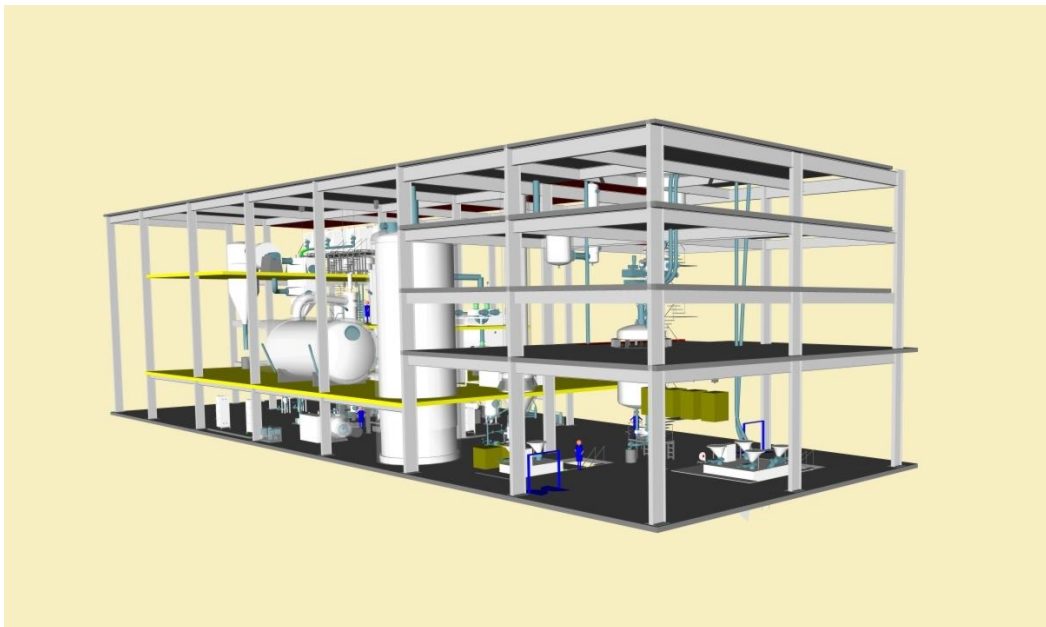
AQUAFIL Engineering “LBT” Plants - New Milestone in Polycondensation

AQUAFIL Engineering GmbH (Berlin, Germany) is continuously creating new innovations to put their customers in the position to produce highest polymer quality at lowest conversion cost.

The latest innovation of AQUAFIL Engineering and a new milestone in the polyester area is the “Low Building Technology” (LBT) plant. The LBT plant fits into a normal hall and only requires some platforms (marked yellow on left side of picture). Only a small part needs a normal building structure for DCS, MCC, control room and laboratory (right side of picture).

The building height of an AQUAFIL LBT bottle plant is 50% less compared to other modern PET bottle plants (conventional CP+SSP or Melt Phase CP). By that way the building and erection cost and time are reduced dramatically. The AQUAFIL LBT bottle plant can produce viscosities up to 0.85 IV without conventional SSP.

In general the LBT plant technology achieves the lowest electrical consumption worldwide compared to other mentioned plants. The first line of LBT plant is under erection in the USA.



Picture shows PET bottle plant with capacity 600 tons/day (building roof below 20m)

AQUAFIL Engineering has long experiences in building and designing continuous and batch polycondensation plants for PET polymers for textile, film and bottle grades. The LBT design is available for continuous and batch plants of all capacities.

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