



News

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A Newcomer in Pelletizing Business in the fast lane

It is not a easy job for a newcomer starting in reprocessing of plastic materials especially in Germany. To be successful it is most important to have the right partners.

This is also valid in the business of recycling and compounding. Second hand equipment leads very often to disaster. Costs of repair, downtime and not to be able to fulfil the contracts reduces the flow capital very fast and financial difficulties are not very far. After careful market research a young business man in the area of Augsburg decided for a PLASTMACHINES extrusion line.

More than 30 years of experience in manufacturing pelletizing and compounding lines are a reliable basis for a competitive machinery concept.

The pelletizing line PME 80/35 had to be equipped with an accurate operating dosing system, an efficient vacuum unit together with a continuous operating cylindrical screenchanger and last not least the universal screw design who enables the reprocessing of nearly



Successful partners in pelletizing and compounding business

all technical thermo-plastic materials.

Due to the automatic process a recording of data, the reproduction of process parameters and the execution of a quality protocol are standard

procedures. The traditional strand process is a continuous guarantee for quality control and enables production of a wide material spectrum.

Recycling, colouring and compounding is the production range and the scope fits. The list of customers has been rapidly extended due to the reliable and high quality of production. Close co-operation and a reliable machinery concept are a strong basis for a successful partnership.

Automotive sub-supplier under price pressure PC - and PMMA reprocessing – a challenge



In the Czech Republic a well established company of automotive products has established with a PLASTMACHINES pelletizing line the highest productivity and costs savings.

Reprocessing of technical plastic materials in the Netherland



Pelletizing of coat hangers on a PME Extrusion line in the Netherland

Since many years a major customer in Holland repelletizes coat hangers on a PME Extrusion line with die-face cutting to first grade pellets.

In the beginning he started only with a grinder but he noticed very quickly that the quality was insufficient as the customers are requiring constant and guaranteed quality. These requirements can only be obtained with an extrusion process. Therefore the decision was made for a small line PME 60 with 35D and vacuum system. The pelletizing unit was selected with die-face cutting due to the higher production stability and highest grade of automation.

Feeding is executed by a dosing unit together with a metal detector. After

having established a market position and the capacity come to a limit a decision was made for the

next size of extrusion line: the PME 80 with 35 D in similar execution than the smaller system.

This was a big step with regards to the higher productivity and an investment into the future under the aspect of globalisation and changes of the market. An import demand to the machinery concept was the extended automatic execution of the process which was realized by the computerized execution of the machine control. This reduces also the labour costs consequently.

With the long experience of the customer and our technical competence we were able to fulfil the requirements.

Important was also the equipment of a continuous operating screenchanger to obtain a maximum filtration. Additional use of a very fine filterweave was necessary to satisfy the requirements of the customer.

This successful co-operation is based on a close partnership between customer and machine supplier.

Automotive sub-supplier under price pressure PC- and PMMA reprocessing – a challenge

The production of components for the automobiles changes to plastic materials and is related to the consequent reduction of costs. As these materials are mostly of high quality and on a high price level a sharp calculation is strongly essential.

As the production even under highest performance still creates a certain quantity of rejects, the processors are requiring a perfect recycling system. Only application of regrind does not lead to a suitable product. The regrind performs irregular and contains a certain amount of dust which will cause an inferior product quality.

Additionally any contamination causes a reduction of quality. This aspect is not acceptable for the end users.

Therefore it is absolute necessary to use an extrusion pelletizing line with efficient degazing and a continuous operating filter system with best

cleaning properties for 100% quality product. A difference to virgin material is not acceptable.

PLASTMACHINES with its PME Pelletizing line with a computerized control has succeeded to fulfil this requirement, to produce pellet quality without difference to virgin material. The „return of investment“ within a number of months was the key to the success of our customer.

Reliability of the extrusion line can be guaranteed by more than 30 years of experience. The equipments are well proven and have the approval of the automotive suppliers. The decision was made for two systems, one die-face cutting line and another with strand pelletizing. This gave the customer the guarantee to be prepared for all production circumstances.

Again a successful cooperation with a professional machinery concept.

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