

FABINY GmbH lean technologies is specialized in the field of nozzles

FABINY GmbH lean technologies is a manufacturer of high-pressure nozzles, trim squirt nozzles, edge trimming units and pump systems for the pulp and paper industry. Years of experience and continuous development are the cornerstones of FABINY's high-precision operations and the qua-

lity of the products. It is substantial for a machine with complex functions to be equipped with high-grade components, in order to achieve excellent performance results. Upon intelligent lean production processes, FABINY manufactures

premium quality products and sets a new benchmark in the global marketplace. The company identifies trends in technology early on and creates premium product solutions. This is the only way to achieve a successful future together with their customers.

HP Nozzles

FABINY high pressure ruby nozzles are used for conditioning and cleaning of press felts and forming fabrics in the paper machine. They are equipped with rubies, which guarantee the highest jet quality and stand for service life which is far above average.

We supply:

- High pressure ruby one piece nozzles, thread type M30x1.5 and M32x1.5 with flat ring gasket made of PTFE white or FKM black
- High pressure ruby disc nozzles with flat ring gasket PTFE white or FKM black
- High pressure ruby hexagon socket nozzles, different thread types available, e.g. 1/4" BSPT DIN ISO 228 or 916-24 UNEF

Option: Cover plate for one piece nozzles - prevents the internal hex socket from getting dirty.



Trim Squirt and Tail Cutter Nozzles

FABINY trim squirt and tail cutter nozzles are equipped with high-precision rubies and offer the highest jet quality. We supply you with single jet, double jet and triple jet nozzles in different versions.

Ruby nozzles are standard equipment today on most paper machines. With our nozzles, we ensure the best cut quality on your paper machine, thereby preventing sheet breaks of the paper web.

LF trim squirt nozzles will fit to all standard trim squirt systems and trim squirt nozzle adaptors featuring M10 threads. The nozzles are made of stainless steel AISI 316L and are also available with a specially developed PTFE based on anti-stick coating (yellow) and with ring for remote nozzle setting devices.

Special feature: For easy identification of the jet diameter, our trim nozzles are equipped with a color-coded ring. Each color refers to an individual jet diameter. For your reference, please observe the color code chart. Patent pending.



Edge Trimming Systems

LF Edge trimming systems are designed for the precise, simple and safe adjustment of trim nozzles on modern, fast running paper machines.

The systems have been designed to meet all the needs of this application and enable the operator to adjust the nozzles optimally and safely.

The assembly and disassembly on the base plate is simple and safe. The complete unit can be placed on the base plate, adjusted or removed in seconds with just a few moves.

Edge trimming systems are made of AISI 316L stainless steel, solid and long lasting with pressure control unit and rapid exchange filter units.

The edge trimming systems can optionally be made of carbon fiber. Advantages: Easy to clean, shock absorbing and easy to handle due to weight reduction.

The LF. ETU-NO1 system can also be equipped with a Remote Nozzle Setting Device for safe and precise aligning of the nozzle jets.

The required water pressure on the nozzles will be adjusted precisely by the valve installed to the adjusting unit.

A police filter unit is installed on the pressure-adjusting unit for fast and efficient exchange, it is equipped with quick connectors.



Types:

- LF.ETU-NO1 AISI Stainless steel
- LF.ETU-NO1 CF Carbon fiber



FABINY High Pressure Pump Systems

The pump system is designed to meet the water supply requirements of modern paper and pulp machines at sufficient pressure and flow volume. For safety reasons, it is equipped with a redundant pump unit, a 170L water storage stainless steel tank and a double filter unit. It will be individually configured according to the customers' requirements.

High Pressure-Pump Double Unit, Model 311 and 1051

Pump system 311 is specially designed for the water supply of trim squirt systems and tail cutters on modern and fast running paper machines at a sufficient pressure and flow volume.

Pump system 1051 has an increased flow volume at sufficient pressure and will match the requirements of modern pulp machines regarding the water supply of trim squirt systems and tail cutters.

