



Excellent symbiosis of feeding system and application unit

The working station is a circulation system through which application media such as coating color, surface size, and other coating agents are pumped from the storage tanks via filters into the working tanks and then on to the application units.

Excess media is returned to the working tank via return lines after passing through the coating unit.

With suitable systems for filtration, deaeration, and separation of impurities, the best results are achieved for every application.

Depending on the design of the application units, the working stations are tailored to the specific needs of the system and adapted with quality control instruments.

Like a bobsleigh run

A major advantage of GAW working stations is the unique pipe layout, which minimizes the air intake of the coating compound from the atmosphere outside and prevents the formation of agglomerates.

The media moves through the pipes like a bobsleigh in a track – completely without obstacles, corners, edges, or dead ends.

Control & effectiveness

With Pick Up Control, operators also have the ability to precisely measure what is actually being applied to the paper web. This is made possible by linking sensor data and results in highly accurate error analysis and rapid response times.

GAW has decades of experience with all established coating systems on the market – hundreds of masterful references worldwide speaking for the outstanding quality and excellence in manufacturing.

Advantages

- > Short ROI
- > Best filtration on the market
- > Minimal product losses
- > Pulsation dampening
- > Temperature control capability
- > Exceptional good piping
- > Minimized impurity and microbial contamination
- > Minimized air content
- > Further venting as add-on
- > Separation of impurities
- > Pick-up control



Brownfield upgrades and savings potential



SIGNIFICANT SAVINGS ARE POSSIBLE EVEN WITH EXISTING WORKING STATIONS AFTER AN UPGRADE. CASE STUDY - OPTIMIZATION AT A CUSTOMER IN AMERICA:

STARCH AND ENERGY SAVINGS: 90.000 €



MINIMIZATION OF LOSSES AT THE WORKSTATION:

STARCH AND ENERGY SAVINGS: 59.000 €



WASTE/FRESH WATER REDUCTION:

WATER REDUCTION: 1.193 m³



TOTAL: AROUND 150.000 € / YEAR

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