

News and Innovations 01/2025

We have further developed the shear roller for you

Our innovations at a glance

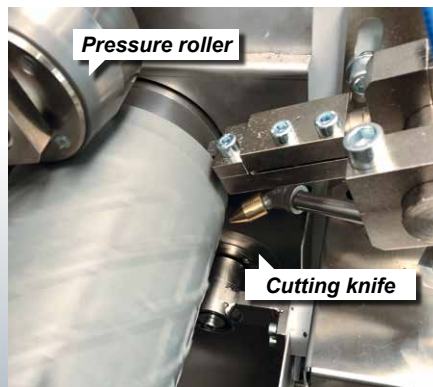


The shear roller is one of the most powerful continuously operating open processing machines for solid mixtures. Our shear rollers have proven themselves in numerous industries around the world – from plastics production to the food industry.

Our innovative modular extensions guarantee maximum efficiency in the processing of your solid mixtures.



Vibrating screen for the screening of granulates



Electrical monitoring of the pressure roller and cutting knife



Electrically movable material block



Your benefits:

- + Vibrating screen:**
separates disturbing dust and small particles from the granulate
- + Electrical monitoring of the pressure roller and cutting knife:**
less contamination, longer service life
- + Electrically movable material block:**
manual cleaning of the front roller is no longer necessary, optimum material utilization (the sheet continues to be used and granulated)



- Melting
- Homogenizing
- Dispersing
- Compressing
- Granulating

This is what the shear roller mixing systems from Bellaform stand for:

- ✓ **Homogenous mixing** substances of medium to high viscosity
- ✓ **Very tough substances can be processed, as can mixtures on a metal or ceramic basis**
(ideal for MIM and CIM uses)
- ✓ **High economic efficiency from very fine dispersion –**
up to 25% of the expensive color pigments can be saved
- ✓ **The open shear roller system makes ejection of liquids feasible,**
e.g. damp, gases and solvents, without de-gassing equipment being needed
- ✓ **Easy cleaning** when material is changed
- ✓ **Easy visual control** of all process stages

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