



Mixing and Kneading Technologies

BUSS is a global leader in compounding systems for demanding applications. As the original manufacturer of the reciprocating Kneader technology, BUSS offers unique compounding solutions that continue to set the standard for heat or shear critical applications in the plastics, aluminum, chemical and food industries.

BUSS' core competence is customer and application-specific solutions of advanced compounding tasks. Always in line to the high demands on process technology and product quality as well as the constantly increasing technological market needs. The performance strength and investment security in our

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„Incredibly different.“ This is the promise of our new COMPEO compounder system for the polymer and plastics industry. COMPEO is the new, ultra-modern compounding machinery with twin screw extruder from BUSS, which offers more variety in application, more flexibility in process engineering and a higher added value in compound production.

Latest News



Mr. Rongbao Gao Joins BUSS Compounding Solutions (Shanghai)

In order to optimally meet the specific needs for compounding solutions from high-end customers in the Chinese market, as well as providing enhanced services to customers in China and even the rest of Asia, Buss AG has invested in establishing a legal entity, BUSS Compounding Solutions (Shanghai) Co., Ltd. in Shanghai. Mr. Rongbao Gao has assumed the responsibility of the

Events & Trade Shows



All events and trade fairs

general manager since
June 1st, 2018.

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Our Industries

Plastics & Elastomers

- ▶ PVC Pelletizing
- ▶ Calendering
- ▶ Cable Compounds
- ▶ Masterbatch
- ▶ Performance Compounds
- ▶ Thermoplastic Elastomers
- ▶ Engineering Plastics
- ▶ Thermosets
- ▶ Bioplastics
- ▶ Rubber Compounds

Paint & Coatings

- ▶ Powder Coatings

Aluminium

- ▶ Anode Paste for Aluminium Electrolysis

Specialities

- ▶ PIB as gumbase for chewing gum
- ▶ Hot melt or fusible adhesives
- ▶ PIB for technical applications

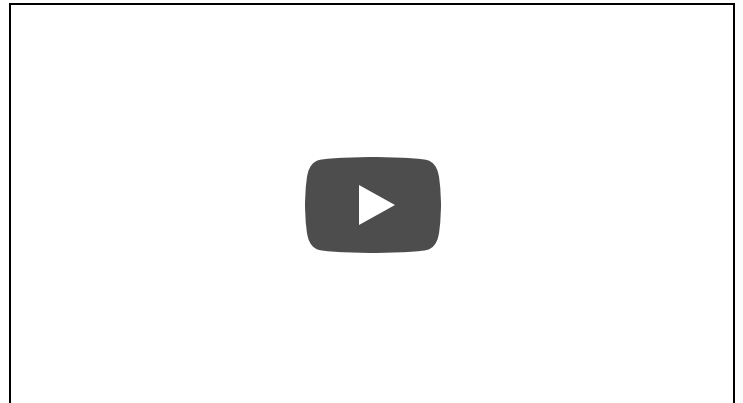
BUSS Operating Principle

Oscillating screw shaft, optimal mixing, extremely short processing length, superior temperature control.

The excellent mixing capabilities of BUSS Kneaders can be attributed to the unique operating principle which features simultaneous rotation and axial oscillation of the mixing and kneading screw shaft.

The oscillating screw shaft ensures intensive material exchange in an axial direction by multiple splitting, folding and reorientation of the product.

This results in an excellent distributive mixing effect and optimal distribution of the raw materials. BUSS Kneader Technology is particularly effective when liquid components have to be incorporated or high degree of fillers need to be added.



→ [Learn More](#)

Process Technology

The BUSS Kneader is a highly versatile compounding system that sets the standard for the most demanding mixing applications.



Testing



Training

Service Solutions

Buss' service solutions are set up to optimize every phase of the system's lifecycle, reducing downtime and increasing production.



Process
Support



Service
Packages

BUSS' fully-equipped test center is design for research and development, process optimization and customer sampling.

BUSS' experienced technicians can provide support and training for all aspects of maintenance, repair, and safety of the BUSS compounding systems.

Our compounding expertise is available to customers for process improvement, product development and optimal plant efficiency.

With Buss' Full Service Package, you can keep your plant and machinery running at peak performance over its entire life cycle.

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