

# Three Roll Mills

Precise and defined dispersion

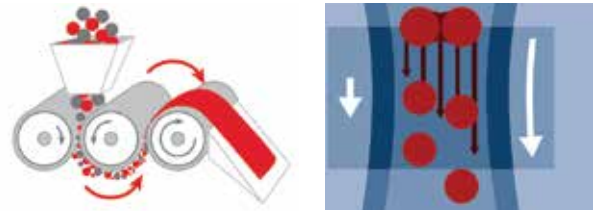


EXAKT 120EH-450

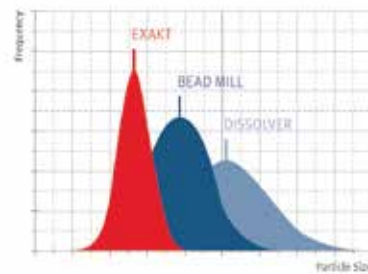
### Application

For homogenous dispersions of:-

- ◆ Silver paste
- ◆ PV applications
- ◆ Luminescent material
- ◆ Pigments
- ◆ Coatings
- ◆ Cosmetics
- ◆ Electronics
- ◆ Graphene
- ◆ Nanomaterials
- ◆ Technical ceramics
- ◆ Confectionary
- ◆ Etc



- ◆ The most versatile dispersing system used to achieve precise, defined and specific dispersion results
- ◆ Premixed suspensions are processed between rollers rotating at different speeds
- ◆ The key process factor is the shear rate between the rollers
- ◆ Precise process adjustment of roller spacing and circumferential speed controls the shear rate
- ◆ Agglomerations are sheared apart and dispersed homogenously



- ◆ EXAKT Three Roll Mills guarantee every result is consistent and reproducible
- ◆ A narrow particle size distribution is consistently achieved due to uniform and defined gap setting between rollers
- ◆ Sensitive particles such as micro capsules or graphene remain undamaged

### EXAKT TRM Model Series



#### G-Line

- ◆ Precise, compact and easy to handle
- ◆ Versatility in the laboratory and pharmacy



#### S-Line

- ◆ Maximum fineness and high performance
- ◆ Tailor made for higher throughput



#### E-Line

- ◆ Benchmark for fineness, quality and reproducibility
- ◆ Digital and high performance
- ◆ Scale-up capability from lab to production