



Ringextruder RE 1 XPV

The Ringextruder RE® with 12 screw shafts is a co-rotating multi-screw extruder which was developed for challenging mixing and degassing applications.



The Ringextruder RE 1 XPV is currently being introduced into several markets. We manufacture the Ringextruder RE according to customer's desire and process requirements. The process engineering is really one of the most important values of this multiscrew extruder.

Our RingExtruder RE is created to develop a whole new business in the extrusion market for processes like:

1. Continuous compounding of rubber

Particularly we refer to the

continuous mixing of rubber compounds for High Performance Tire and Green Tire applications. The excellent mixing and degassing capabilities of our RingExtruder RE provide product and process advantages like:

- a. Outstanding tire performance in terms of grip, rolling resistance and durability
- b. Reduces number of mixing steps for tire tread mix preparation
- c. Lowers operating costs of mixing operations

Currently we have more than 10 lines world-wide installed for continuous compounding of rubber and it has proven its precious value to our customers.

2. PET-Recycling of bottle flakes

The global rising demand for PET recycling capacities leads to new recycling approaches. Especially projects which implement a R-PET Flakes processing, melting and decontamination RingExtruder which feeds the R-PET melt into a virgin melt stream are very popular. This perfectly satisfies brand-owners expectations on economy of scales and outstanding product quality of the final virgin/recycle mix.

The RingExtruder RE® is the ideal solution if you are searching for shear-sensitive continuous compounding of rubber, degassing of post-consumer PET-bottles in PET bottle to bottle recycling and the challenging mixing of adhesives.

We will focus further on the growth of the plastics industry worldwide and will be launching new series at our next events. For further information check out our website www.cpmextrusiongroup.com.