

## **RB BLENDERS**

SOLUTIONS FOR THE PLASTICS INDUSTRY



## The ideal solution for plastics recycling

Plastics recycling, today, is more and more widespread as an application within the chemicals industry. Before undergoing extrusion, the small fragments of waste plastic are sieved and classified, and then mixed (frequently with the addition of special oils).

RBC ribbon blenders are the ideal solution to blend to a good degree of homogeneity all plastic fragments before the extrusion stage. Robust, made of mild steel or stainless steel (304), these blenders are generally medium-to-small units in a simple, straight-forward configuration.

With four counter-rotating ribbon flights inside a mixing trough, an open discharge (round or square), these simple but efficient blenders mix the materials by transferring them backwards and forwards from the sides to the middle of the mixing trough, and vice versa. The fragments (manually or automatically loaded, depending on the installation and desired throughput) are properly homogenized by the four ribbon flights.

With a very reasonable price and a great return on investment, thanks to its extremely low running costs, RBC blenders are the perfect solution for mixing and blending all types of plastic recycled scraps.

### RBC mixers: the ultimate mixing solution!

#### Standard units

Model	Max. volume	Max. weight*	Power (kW)
RBC 150	235 l.	140 kg	1.1
RBC 250	370 l.	225 kg	1.5
RBC 400	555 l.	335 kg	2.2
RBC 600	790 l.	475 kg	4.0
RBC 800	1,080 l.	650 kg	5.5

\* considering an average bulk density of 0.6 kg/dm<sup>3</sup>



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