



innovation • performance • productivity

XTS Fines Compactor

A Recycling System from Xtrutech



The XTS Fines Compactor provides a discreet and effective solution to fines waste. Offering measurable cost savings, increased efficiency, and improved sustainability.

[Find out more: +44 \(0\)1782 621122 sales@xtrutech.com www.xtrutech.com](mailto:sales@xtrutech.com)

XTS Fines Compactor

The XTS Fines Compactor has been designed to improve product efficiency within our customer's Powder Coating plants. The compactor closes the loop of operation by taking fines from the baghouse, and sending them back into the mill as compacted chips.

Compactor Cost Savings

Typically, between 2% and 10% of fines are produced during the milling process either in the bag house or secondary cyclone. This means during a 5000kg batch which produces 3% fines, approximately 150kgs of material is lost. If we estimate the cost of materials at £3.50 per kg this equals a £525 deficit in every batch.

Xtrutech's Compactor aims to tackle waste by recycling these fines, offering a product yield of up to 99.5%. How does this work? The first 1,000 kgs through the mill produce 30kgs of fines which are used to clean the bag house or cyclone, they will be contaminated but can be compacted and used in other products.

As a result, approximately *£420 can be saved on every 5000kg batch.

*150kg-30kg= 120kg X £3.50,= £420.

**Potential annual savings based on
two batches per day x 5 days x 46 weeks = £193,200!**



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Compactor Process

The XTS Fines Compactor is invisible to the plant, it sits in line with the Mill and only compacts when it is given material. It is also possible to have an offline version, which can be fed by a bulk bag.

The compactor receives fines via the diverter valve, which are then fed through into the compacting rolls, reaching the kibbler as a compacted sheet which is ready to be broken into chips. The compacted chips are then reintroduced to the mill.

The compactor also features a diverter valve to the scrap bag, so the Mill is not affected if the compactor isn't running.

Xtrutech's compactor can now be manufactured and certified, to be used in a dust **UKCA/ATEX zone 22** environment.

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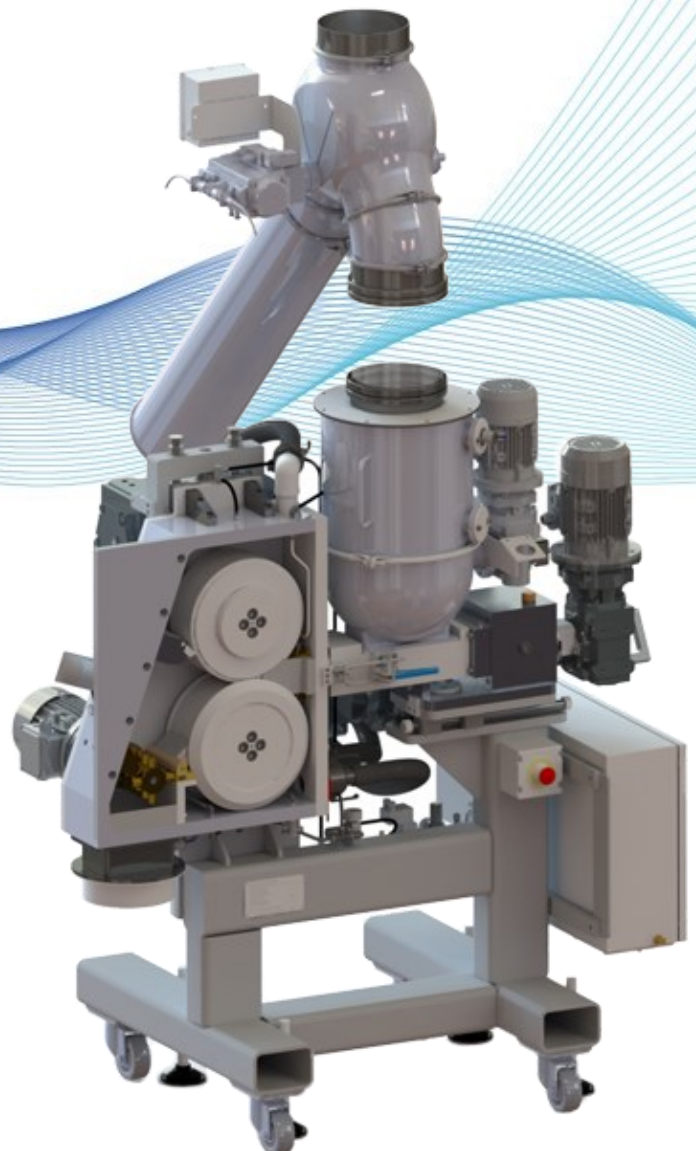
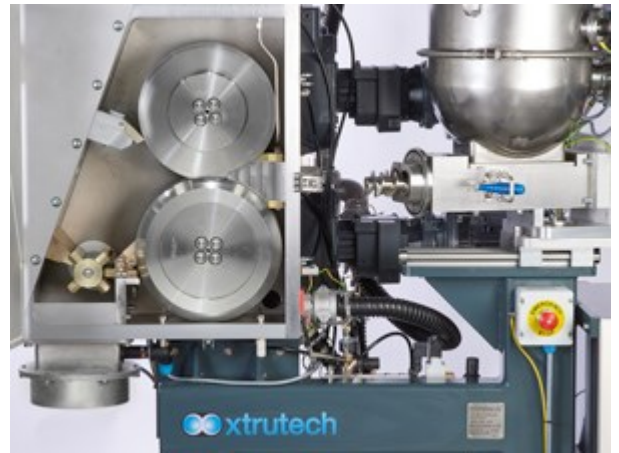
To learn more or to see if our Compactor is right for you, contact our sales team on +44 (0)1782 621122 or via sales@xtrutech.com.

Standard height = 2,365mm

Discharge height = 560mm

Width = 1,375mm

Depth = 1.390mm





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The XTS range of Twin-Screw Extruders and Bespoke Ancillary Equipment have been developed by Xtrutech, based on our knowledge and experience of designing, building & running extruders for 20 years.

Xtrutech's equipment is ideal for the development of new formulations and innovative processes, prioritising efficiency, maintenance & economy.



Contact us

Xtrutech Ltd

Unit 5 Crown Road
Festival Trade Park 2
Stoke-on-Trent
ST1 5NJ

United Kingdom

T: +44 (0)1782 621122

E: sales@xtrutech.com

www.xtrutech.com

Xtrutech Inc

1635 Market Street
Suite 1600
Philadelphia
PA 19103

United States

T: +1 267-567-7592

E: sales@xtrutech.com

www.xtrutech.com



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45001 : 2018

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[Find out more: +44 \(0\)1782 621122](tel:+441782621122) sales@xtrutech.com www.xtrutech.com

XTS-F052 A V2
14/2/23