

# Belt Dryer

## Calibrate Beltdry

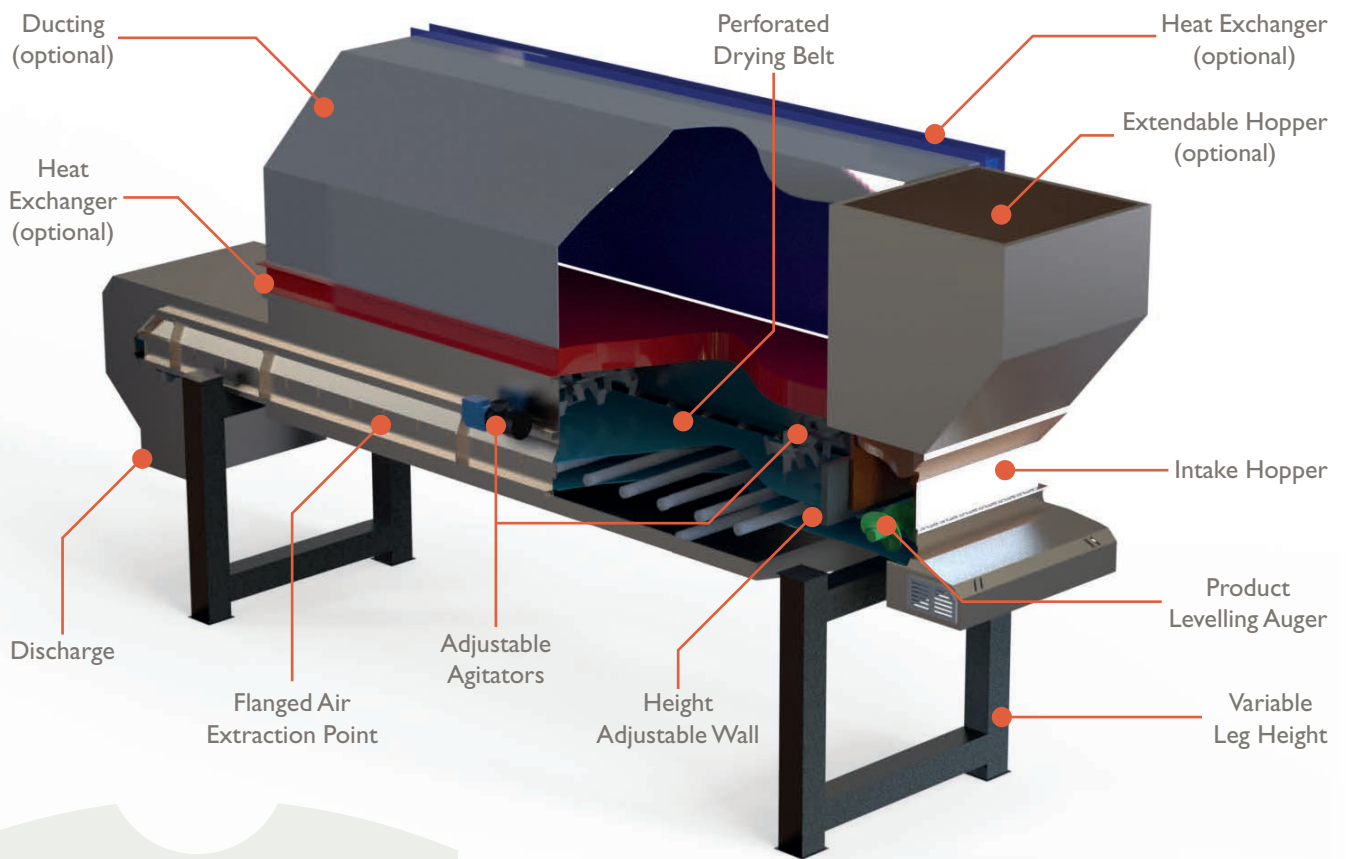


### About Calibrate

Calibrate Energy Engineering supply intelligent, hands off, commercial heating, chilling and electricity generating solutions to high energy-use industries.

### About Beltdry

The Calibrate Beltdry is a self-contained variable speed-driven meshed belt dryer suitable for any product from food grade through to digestate. It is ideal for many industries including agriculture, wood processing, compost production, recycling and waste management, food and chemicals and ensures the highest product quality is maintained.



Estimated time to dry  
1 tonne at 1000kW

30°C	17min
40°C	13min
49°C	11min

Estimated time to dry  
1 tonne at 300kW

30°C	55min
40°C	45min
49°C	38min



# Calibrate

Energy Engineering

Design | Install | Maintain

## Products

Waste | Digestate | Compost | Manure | Wood Shavings | Hops | Shells and Husks | Fruit  
Vegetables | Pulses | Nuts | Eggshells | Cereals | Flowers | Pet Food | Paper



## What are the benefits of the Calibrate Beltdry

- Self-contained - no need for a building to house it
- Modularised - can easily add on
- Easy to install - compact and plug in
- Airflow - all round for maximum efficiency
- Low dust generation - thanks to air being forced through the belt and material
- High temperature resistant belt
- 12 month warranty, or simply add it to the extended warranty based upon hours run
- Economical and efficient solution for all your drying needs



## Technical Specification

### General Specification

Product Loading Capacity (m <sup>3</sup> )	1.5 standard hopper
Dimensions (mm)	From 4626, adjustable up to 6126 Length 12206, Width 1952
Drying Bed Surface Area (m <sup>2</sup> / m <sup>3</sup> )	19 / 3.6
Product Level Augers	1
Product Agitator Augers	2
Product Moisture Sensor	Yes
Temperature Sensors	8
Thermal Input (kW)	250 – 1000

### Electrics

Conveyor kW	5.5 / VSD Drive
Agitators kW (2)	5.5 / VSD Drive
Levelling Auger kW	5.5 / VSD Drive

### Warranty

Extended warranty available

**For more information contact:**

[info@calibrateLtd.co.uk](mailto:info@calibrateLtd.co.uk) / 01668 215 544



Calibrate  
Energy Ltd



Calibrate Energy  
Engineering



@energycalibrate



@calibrateLtd



**Calibrate**  
Energy Engineering

All formulas and calculations are derived from industry suppliers and MCS guidelines, it is advisable to have the calculations and formulas checked by a certified mechanical engineer, and as such, Calibrate Inc. Ltd (Company # 08277206) will not be held liable for any incorrect formulas or calculations or any accidental misrepresentation.

[www.calibrateenergy.co.uk](http://www.calibrateenergy.co.uk)