

# Force 8

## Air Separation System



Designed and built in the UK, the **Force 8** has been developed to separate recycled materials according to their aerodynamic drag. Its main application is to clean up the middle grade of recycled aggregates. But it has many other applications such as cleaning up wood, glass, metals, plastic and compost.

The **Force 8** incorporates a Vibrating screen to remove fines and oversize from the product, before it is fed into the air separation chamber. The lighter product is lifted up by a controlled stream of air, and pneumatically conveyed away. The heavy product falls through the separation chamber onto an elevator for discharge.



### features

- 

### applications:

- Paper & Plastic from Stone
- Paper from Glass
- Stone from Wood
- Plastic from Compost
- Dust from metal

### design, build and install

All of firstgrade's recycling machinery is designed and built here in the UK, using the latest Computer Aided Design technology. This, together with our engineering expertise, gives us the flexibility to produce high specification systems to suit individual requirements.

### Specification:

**Power requirement:** 36 Amps, 3 phase  
**Overall Width:** 3,800 mm  
**Overall Length:** 6,400 mm  
**Height:** 4 m  
**Weight:** 3,300 kg

**Firstgrade Recycling Systems Ltd**  
 Unit 2, Crossways  
 Cockfield  
 Bury St Edmunds  
 Suffolk IP30 0LN  
 England

t 0844 800 9357  
 f 0844 800 7714  
 e sales@first-grade.co.uk  
 w www.first-grade.co.uk



