

bulkhoppers

Firstgrade recognise that the key to efficient waste processing, is to have a uniform feedrate. To achieve this with minimal labour, Firstgrade have designed a range of large feed hoppers, with a number of options to give a uniform, controlled flowrate. Firstgrade's feed hoppers use a positive drive system, with chain and slats below the belt. This gives a powerful, non-slip drive to the belt, which can be run at very low speeds, and requires no belt tracking or tensioning.



features

- Volumes from 3 to 20m³
- Flowrates form 2 to 200m³/hr
- High torque, non-slip drive
- Variable speed drive
- No belt tracking required
- Robust build

options

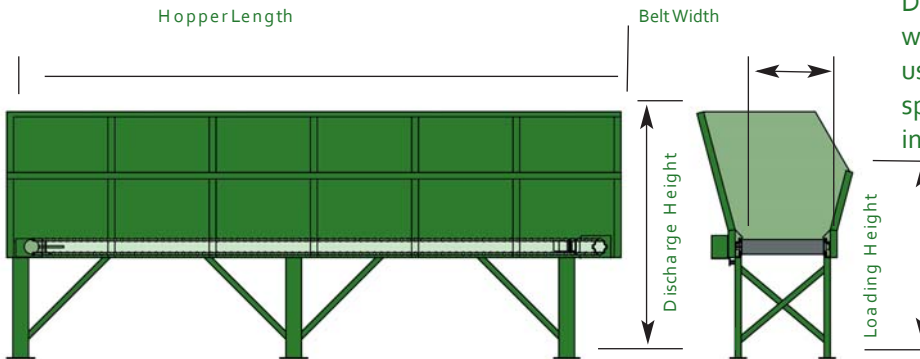
- Inverter control
- Powered rake
- Automatic flow control

applications

- Mixed waste
- Compost
- Aggregates
- Wood

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.



standard specifications

Model	Belt Width (mm)	Hopper Length	Capacity (m ³)	Loading Height	Discharge Height	Extension Height	Typical Feedrate (m ³ /hr)
180-60	1800	8000	25	1800	1800		50 to 200
120-90	1200	9000	16	2750	1500	850	30 to 160
120-60	1200	6000	10	2750	1500	850	30 to 160
90-60	900	6000	8.5	2250	1000	600	15 to 70
90-40	900	4000	5.5	2250	1000	600	15 to 75
50-60	500	6000	4.5	1950	760		10 to 50
50-33	500	3300	2.5	1950	760		10 to 50

Other products

- Trommel screens
- Vibrating screens
- Picking stations
- Air separators
- Bagging lines

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