

Briquetting Systems



The Impact dust briquetter unit is designed to compress loose dust into high quality pellets or briquettes and is ideal for use in conjunction with the Impact range of dust filters.

Designed to substantially reduce the volume of nuisance dust collected via dust filtration, this extremely versatile unit can be easily integrated into the system design allowing volume reduction levels of 20:1.

No longer is it necessary to manually handle large sacks of waste dust collected by the filtration, instead the material is efficiently converted into manageable high density briquettes, reducing storage requirements.

Dust is received by the collection drum and when the unit is activated by a level probe, it is fed by a dosing paddle into the compression chamber. Hydraulic rams convert the loose material into the final shape before ejecting the finished product for storage.

The Impact dust briquetting system is the obvious choice for high dust volume applications helping to reduce labour and material handling. In addition, this waste material often has a very high calorific value and can be used as a fuel source in a number of waste to energy facilities.

Features:

- Automatic operation via internal level switch
- Ideal for use with the Impact range of reverse jet filters
- Tough durable steel construction
- Low maintenance requirements
- Excellent quality briquettes produced
- Wide range of material applications
- Lower energy hydraulic system
- Auto shutdown when material feed stops for low running costs
- Ideal for high dust volume applications
- Potential to use finished briquette as fuel source in waste to energy facilities



Model Ref	Junior	Standard	Oscar
Briquette Diameter in mm	50	65	70
Material throughput in KGs/hr	30-50	60-90	100-180
Motor HP	5.5	7.5	12.5
Depth in mm	1680	1925	2095
Height in mm	1500	1500	1700
Width in mm	1100	1100	1300
Weight in Kgs	680	800	1250
Drum diameter in mm	1000	1000	1200
Oil Capacity in Litres	80	100	180

