

Metal chip briquetter

The metal chip briquetter processes short, loose chips from machining of non-ferrous or ferrous metals and cast iron into cylindrical briquettes.



Press metal chips into solid briquettes to achieve financial benefits through improved smelting and simpler waste management.

The metal chip briquetter processes short, loose chips from machining of non-ferrous or ferrous metals and cast iron into cylindrical briquettes. The briquetter with closed dies are designed for ferrous metals and cast iron. It produces cylindrical briquettes, of a diameter from 60-80 mm (2.4-3.15 in) and length up to 110 mm (4.3 in). With an inlet hopper, conveyor, sorting machine and material level sensor the briquetting press operation can be fully automated.

Technical description of metal chip briquetter

Short metal chips are screw fed or pressed in to a chamber where the compressing takes place in a cylindrical die. There are two cylinders in the press the first are filling the chamber, and the second is compressing the chips into dense briquettes.

The pressing method ensures high, uniform material and uniform material compaction. The briquetting press is equipped with 200 dm³ (7 f³) hopper, with a vibrator and oil cooler.

The metal chip briquetter is perfect for briquetting of short swarf of light metals of type aluminium. The briquetter is equipped with a bunker of 1-3 m³ (35 - 106 f³) depending on requested specification. The bunker is fed by a truck, skip hoist or a conveyor. The bunker has two arms with cutters which are rotating in the bunker and feeds the swarf into an inlet channel with screw which forwards the swarf to the press chamber. The briquetter is pressing with a pressure of 83 MPa (1200 psi) and produces briquettes with a diameter of 60 mm (2.36").

NOTE! Not sold in the US.

- Savings in factory floor-space
- Savings in internal and external transportation costs
- Savings in internal and external transportation costs
- Increase the waste purchase price

| | |
|--------------|-----------------------|
| Product name | Metal chip briquetter |
|--------------|-----------------------|



Metal chip briquetter

| Image | Description | Weight (kg) | Model |
|--|---|-------------|------------|
|  | Briquetter BP100, capacity 100 kg/h | 900 | BP100* |
| | Briquetter BP200, capacity 200 kg/h | 3000 | BP200* |
| | Briquetter BP350, capacity 350 kg/h | 4000 | BP350* |
| | Briquetter BP500, capacity 500 kg/h | 4200 | BP500* |
| | Briquetter BP800, capacity 800 kg/h | 5400 | BP800* |
|  | Briquetter BCM 50, 70 Hopper 1 m ³ | | BCM50-1** |
| | Briquetter BCM 100, 150 Hopper 1 m ³ | | BCM100-1** |
| | Briquetter BCM 50, 70 Hopper 3 m ³ | | BCM50-3** |
| | Briquetter BCM 100, 150 Hopper 3 m ³ | | BCM100-3** |

***Function BP type press**

Short chips are screw fed or pressed in to a chamber where the compressing takes place in a cylindrical die.

There are two cylinders in the press the first are filling the chamber, and the second is compressing the chips into dense briquettes. The pressing method ensures high, uniform

material and uniform material compaction.

The press is equipped with 200 dm³ hopper, with a vibrator and oil cooler.

****Function BCM type press**

The BCM Type press is perfect for briquetting of short swarf of light metals of type aluminium. The briquetter is equipped with a bunker of 1-3 m³ depending on requested specification.

The bunker is fed by a truck, skip hoist or a conveyor. The bunker has two arms with cutters which are rotating in the bunker and feeds the swarf into an inlet channel with screw which forwards the swarf to the press chamber.

The briquetter is pressing with a pressure of 83 MPa and produces briquettes with a diameter of 60mm.

Metal chip briquetter

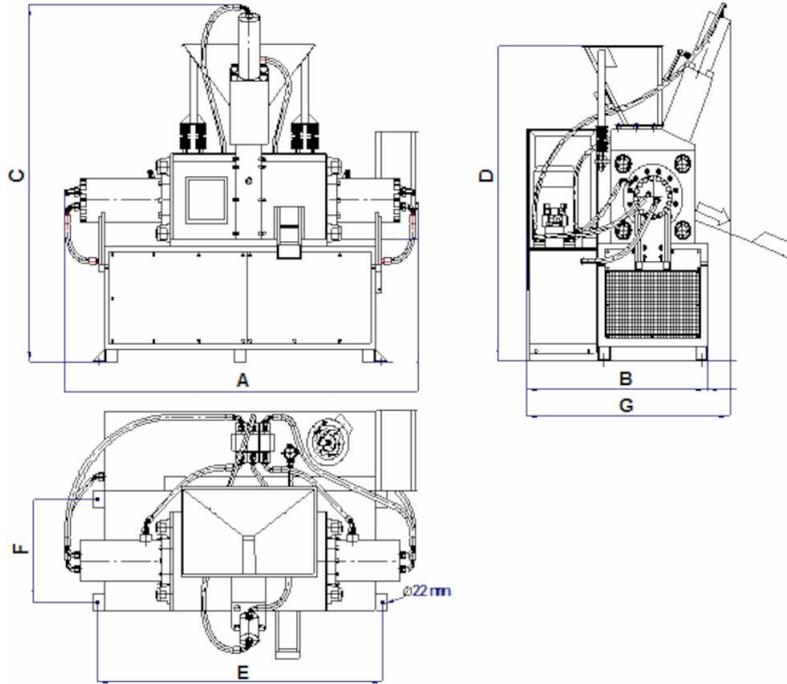
| Type | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | Capacity kg/h | Power kW |
|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|------------------|-------------|
| BCM 50, 70 Hopper 1 m ³ | 1680 | 1430 | 1274 | 30 | 1200 | 1506 | 1560 | 1300 | 30-60 | 4 |
| BCM 100, 150 Hopper 1 m ³ | 1680 | 1430 | 1274 | 30 | 1200 | 1506 | 1560 | 1300 | 50-80 | 5.5 |
| BCM 50, 70 Hopper 3 m ³ | 2140 | 1728 | 1740 | 290 | 1660 | 1964 | 2020 | 1140 | 70-120 | 7.5 |
| BCM 100,150 Hopper 3 m ³ | 2400 | 1990 | 2004 | 350 | 1920 | 2224 | 2290 | 1010 | 110-170 | 11 |

Technical data
Briquetter BMC

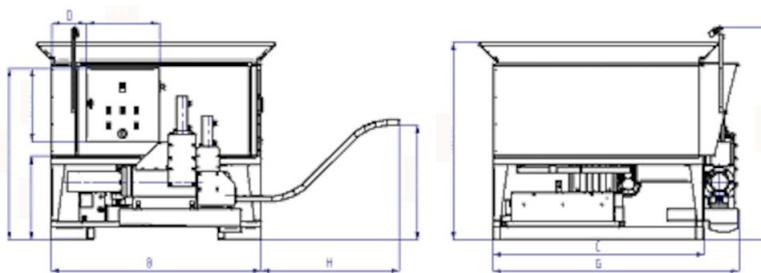
| Briquetters Type | A mm | B mm | C mm | D mm | E mm | F mm | G mm | Weight kg | Capacity/h | Kw |
|---------------------|---------|---------|---------|---------|---------|---------|---------|--------------|------------|----|
| BP100 | 1860 | 900 | 1750 | 1320 | 1480 | 900 | 1070 | 900 | 100 | 10 |
| BP200 | 2500 | 1200 | 2350 | 2160 | 2120 | 610 | 1470 | 3000 | 200 | 13 |
| BP350 | 3000 | 1520 | 2800 | 2400 | 2400 | 780 | 1800 | 4000 | 350 | 24 |
| BP500 | 3000 | 1520 | 2800 | 2400 | 2400 | 780 | 1800 | 4200 | 500 | 29 |
| BP800 | 3600 | 1820 | 3300 | 2730 | 2880 | 940 | 2050 | 5400 | 800 | 40 |

Technical data
Briquetter BP

Metal chip briquetter



Dimensions Briquetter BP



Dimensions BMC