

Metal chip briquetters For briquetting of swarf



Design

The Nederman 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 to 80 mm and length up to 110 mm. With an inlet hopper, conveyor, sorting machine and material level sensor the press operation can be automated

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

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.

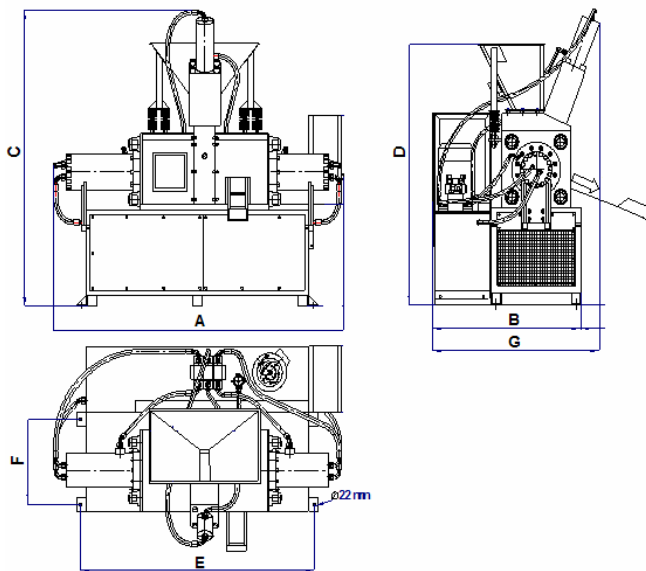
The briquetter is pressing with a pressure of 83 MPa and produces briquettes with a diameter of 60mm



Technical data

Briquetter BP

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



Briquetter BCM

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

