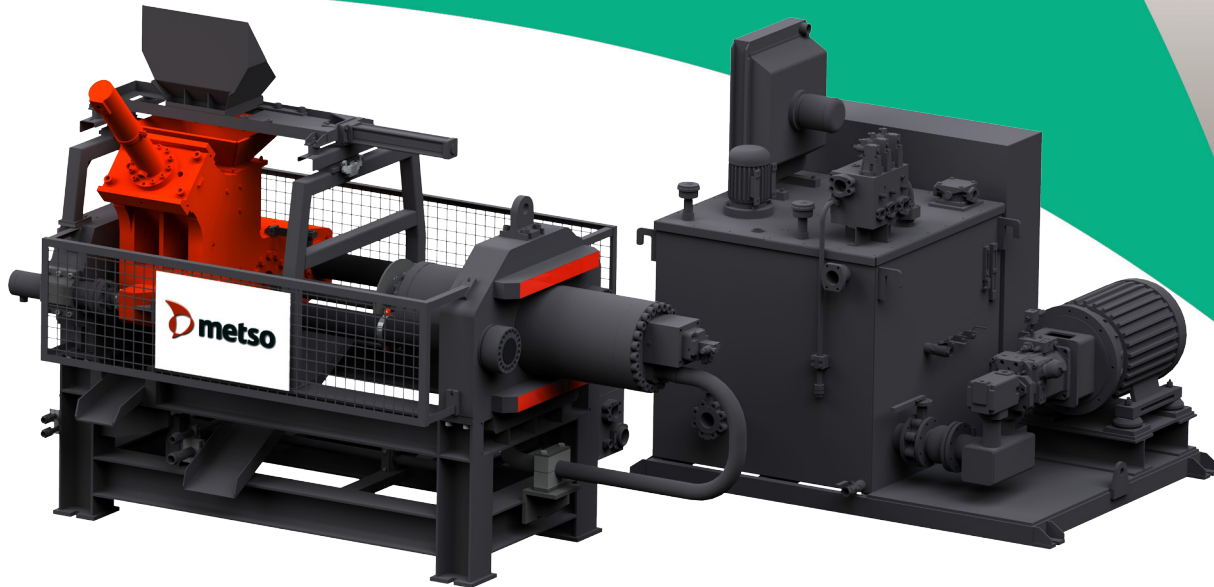


N Series NSP Briquetting Presses

Compact, Reliable and Efficient



The NSP briquetting presses are compact, reliable, low-maintenance and efficient single ram presses, suitable for operation in scrapyards and metal-processing industry. They can process a wide range of swarf, chips and turnings from machining of steel, aluminum, cast iron, brass and other metals. The high specific pressures applied during the process enable pressing of stable and solid briquettes and simultaneous fluid extraction.

All presses are equipped with a constant feeding system, state of the art PLC, operator friendly HMI and a remote diagnosis system for easy and quick support from the Metso service team.

The advantages of high-density briquettes produced with the NSP briquetting presses are:

- Enhanced processing: easier handling and better metering when remelting
- Higher efficiency: less burn-off loss during melting, hence higher metal yield
- Better logistics: reduced volume resulting in lower storage and transportation costs combined with high impact and wear resistance

Not every raw material can be briquetted directly. Effective preparation with upstream components maximizes utilization of the briquetting press: for instance, turning crushers convert long, curly, bushy, and voluminous turnings into free flowing material that does not tangle up. The fluid content in the chips can be reduced, thereby increasing the briquette quality. The screening out of coarse parts protects the press from damage and, thus, from downtime. Continuous operation, due to storage bunkers, increases the efficiency of the plant: a briquetting press that can run around the clock earns more money.

The NSP single ram briquetting presses can easily be integrated into a chips processing plant. With experience gained from numerous plants worldwide, Metso offer total solutions to satisfy customer needs. We place great value on offering value-adding processes by means of customer oriented advice and support.

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N Series NSP Briquetting Presses

Compact, Reliable and Efficient



The compact NSP 150C – 70 briquetter for industrial applications.

N Series NSP Briquetting presses - Basic Technical Data

Type	Briquette Ø (mm)	Dimensions Length (mm)	Power kw	Compression force t	Production capacity* (t/h)				
					Steel	Aluminium	Cast iron	Brass	Copper
NSP 150C - 70	70	40 - 90	22	150	≤ 0.4	≤ 0.15	≤ 0.45	≤ 0.5	≤ 0.6
NSP 150 - 70	70	45 - 95	15	150	≤ 0.35	≤ 0.15	≤ 0.35	≤ 0.4	≤ 0.45
NSP 200 - 80	80	50 - 140	37	202	≤ 0.6	≤ 0.2	≤ 0.65	≤ 0.7	≤ 1.2
NSP 300 - 90	90	50 - 150	75	294	≤ 1.3	≤ 0.5	≤ 1.35	≤ 1.4	≤ 1.75
NSP 300 - 105	105	50 - 150	75	294	≤ 1.65	≤ 0.7	≤ 1.75	≤ 1.8	≤ 2.3
NSP 300 - 120	120	50 - 150	75	294	≤ 2.05	≤ 0.75	≤ 2.25	≤ 2.45	≤ 2.8
NSP 530 - 140	140	60 - 150	2 x 75	531	≤ 2.75	≤ 0.9	≤ 2.95	≤ 3	≤ 4.05
Briquette density (kg/dm ³)					4.6-5.9	1.8-2.6	4.7-6.1	5.5-6.8	7.1-8.0

This information is only a general description and represents approximate values. It is not guaranteed and contains no warranties or assurances of any kind.

* Depending on feeding density, shape of feed material and mechanical material characteristics.

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