

ZBP

30, 50, 60 and 70



Briquetting presses for the reduction volume and energy generation

ZBP series briquetting presses are designed for briquetting wood, saw dust and a lot of other materials. Through this operation not only storage and transport costs will be reduced, the final product, the briquettes are a compact valuable fuel. Depending on the throughput and material, the briquetting presses can be individually adapted to various tasks.



ZBP

BRIQUETTING PRESSES

Our universal
briquetting presses

ZBP briquetting presses



ZBP 50 / ZBP 50 S*:

The entry-level model! For applications in small businesses with a low volume of material. The Briquette-Ø is 50 mm.

*** S-versions in the ZBP series:**

Higher power with increased hydraulic pressure ends up in enhanced briquette quality as they are therefore compacted more firmly in the press unit. As a result, the finished briquettes are more solid and compact.

Wood chips, sawdust, etc. occur in all workshops and industrial enterprises in the wood processing industry.

Every day, enormous storage and transport costs occur as a result. These briquetting presses offer an ideal solution for saving space and briquettes are easy to store and transport. In addition, the risk of spontaneous combustion is greatly reduced. The briquetting presses require a minimum of space, are solidly built and are equipped with low-maintenance technology. Whether wood, paper, biomass, foam or polystyrene, ZBP machines briquette any suitable material. With a throughput of up to 35-130 kg/h, they are suitable for small and medium-sized companies. A wide variety of installations, such as left-hand and right-hand models, are available.

So start briquetting!

Complete from a single source

The right solution for



ZBP 60 / ZBP 60 S*:

For applications in businesses that have a medium volume of material to be compacted. The Briquette-Ø is 60 mm.



ZBP 70 / ZBP 70 S*:

For applications in businesses which do have constant availability of grinded material or dust to briquette. The Briquette Ø is 70 mm.



Permanently rotating agitator
with discharge screw for transporting material into press unit.



Hydraulic unit
is arranged separately for easy accessibility during maintenance



Option briquette length monitoring
for trouble-free, constant production of equal lengths briquettes



Programmable logic controller (PLC)
for fully automatic operation and user-friendly settings



Option oil cooling for hydraulic system
necessary in multi-shift operation



Dustproof filling chute
with sensors for trouble-free operation

any application in a woodworking shop or wood processing business

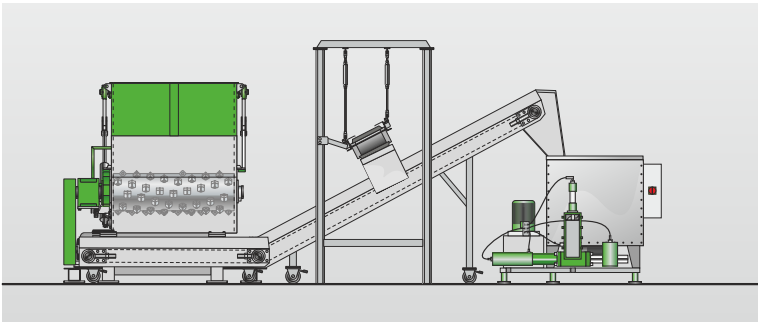


30 mm

ZBP 30:

For the production of compact
briquettes with 30 mm diameter

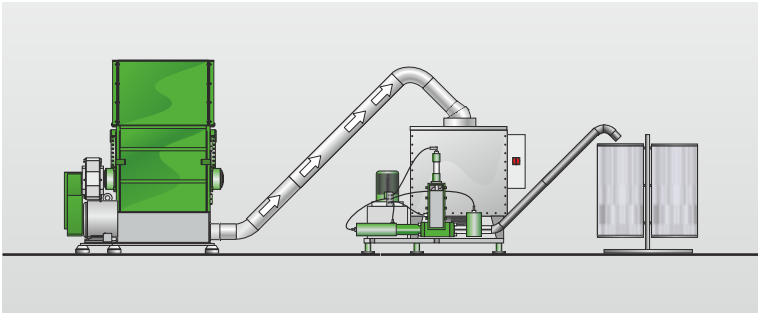
The AMIS briquetting press type ZBP 30 produced 30 mm briquettes.
The briquettes are ideal for combustion in wood gasifiers and smaller
chips boilers / heating systems. Any material of a woodworking
company (chips, dust, etc.) can be briquetted.



Material input of waste
and scrap wood

Removal of contaminants
e.g. metal

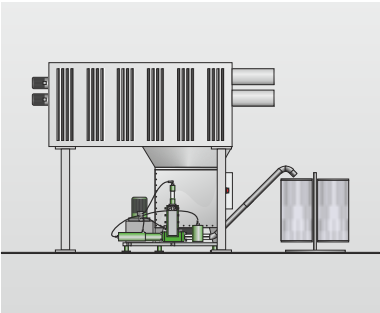
Briquetting



Material feed of wood
waste into shredder
for size reduction

Screw conveyor transports
shredding materials into
the briquetting press

Finished briquettes are
collected in a bagging
unit



Use under an extraction or filter system
to compress the dust

ZBP

BRIQUETTING PRESSES

Only at AMIS:
the full range
of briquette sizes!



Ø = 70 mm



Ø = 60 mm



Ø = 50 mm



Ø = 40 mm



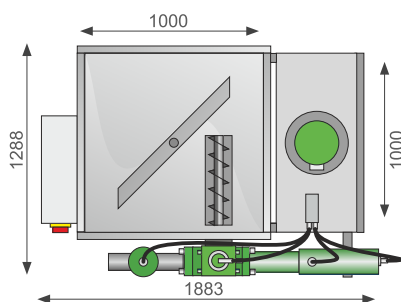
Ø = 30 mm



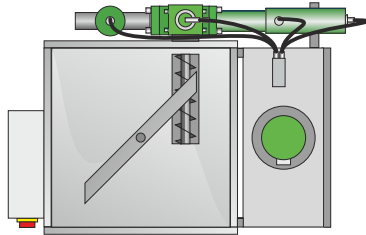
ZBP Briquetting presses

Technical Data

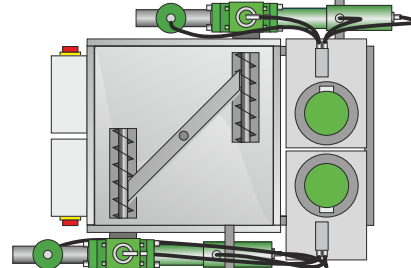
Right-hand version



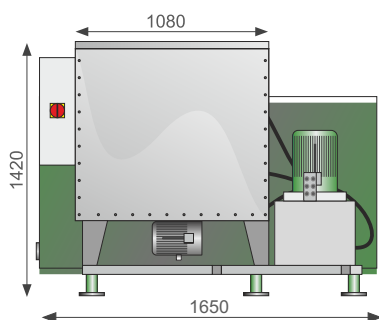
Left-hand version



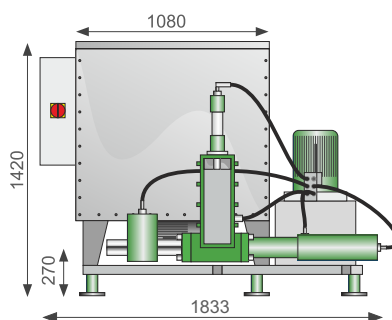
Duo version (for high throughput)



Dimensions ZBP 30



Dimensions ZBP 50



Features:

- Fill level indicator
- Oil cooler
- Oil heater
- Standard containers can be changed on request
- „DUO“-Versions

Type ZBP		30	50	50 s	60	60 s	70	70 s
Briquette diameter (mm)		2 x 30	50	50	60	60	70	70
Standard hopper size (mm)		1040 x 1040	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000
Voltage (V)		380 – 420	380 – 420	380 – 420	380 – 420	380 – 420	380 – 420	380 – 420
Motor power (kW)		4 / 5,5	5,5	7,5	5,5	7,5	7,5	11
Screw conveyor diameter (mm)			150 x 150	150 x 150	150 x 150	150 x 150	180 x 180	180 x 180
Throughput (approx. kg)*		up to 50	35 – 70	35 – 70	40 – 80	40 – 80	70 – 130	70 – 130
Weight (approx. kg)**		800	750	750	750	750	900	950

* Throughput is depending on the material and residual moisture content, which should not increase 18%

** Depending on equipment

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