



VOTECS-Briquetting Presses

Serie AP

VOTECS Briquetting Presses

Briquettes for volume reduction and heat energy production.

Craft enterprises and industrial operations produce wood chips shavings and saw dust on a daily basis that take up considerable space to store and transport. By contrast, briquettes save space and are easier to transport, and unlike loose materials, present a far lower risk of spontaneous combustion. Briquetting presses from VOTECS process these wood chips, shavings etc. into compact briquettes that can be used to produce energy for heating. The briquetting presses are installed as a standalone machine or in conjunction with evacuation systems. The advantages of the briquettes produced by these machines are a huge reduction in volume for the same heating value and controlled combustion.





VOTECS AP-Briquetting Presses



For briquetting of

Wood shavings
Milling shavings
Sawdust
Wood dust
Chips
Paper
Styrofoam

The characteristics of VOTECS briquetting presses are:

- ✓ Huge reduction in volume resulting in considerable potential savings in the cost of storage, transport and disposal
- ✓ Burn briquettes for cost-effective energy production

Sophisticated technology in detail



The hydraulic tank is arranged separately. In this way, the emerging oil heat is optimally discharged. Easy access makes the regular maintenance service pleasant and efficient.



The continually turning tube extractor mixes the material and sends it to the discharge screw conveyor, which feeds it cyclically to the pressing mechanism.



Briquetting Press AP 775



Briquetting Press AP 575

Thought-out construction

- ✓ Extremely low overall height
- ✓ Left or right hand design
- ✓ Variable container walls
- ✓ Hydraulic system with a separate oil tank
- ✓ Dust sealed pre-compressor
- ✓ End of stroke cushioned cylinder with screw cover
- ✓ Hardened insert casing
- ✓ Solid central main cylinder
- ✓ SPS control
- ✓ Stable ground frame with rubber feet



The intelligent SPS control regulates the switching procedures and has user friendly settings.



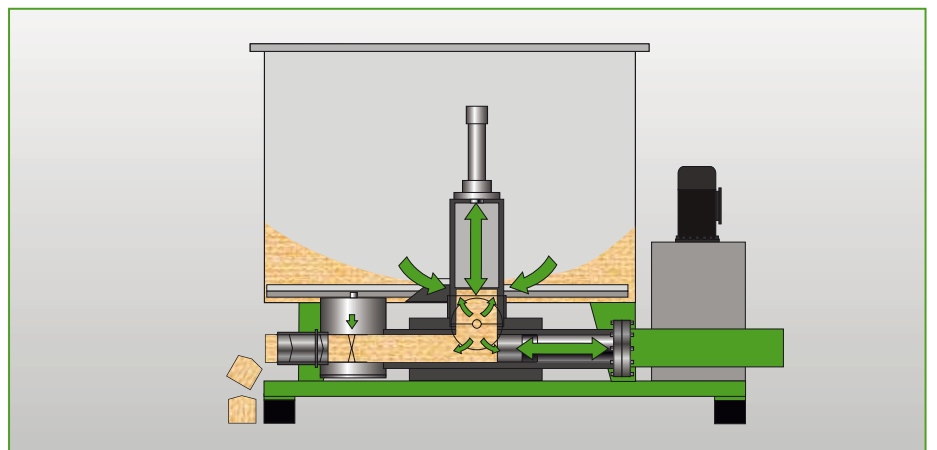
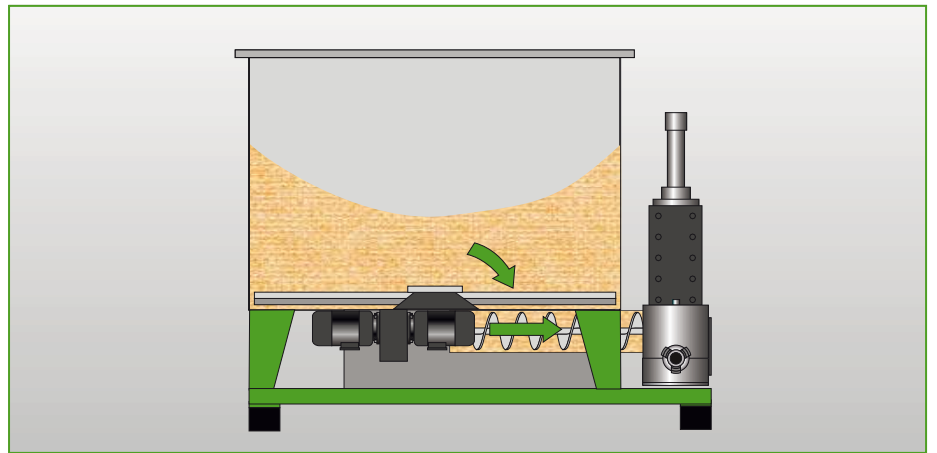
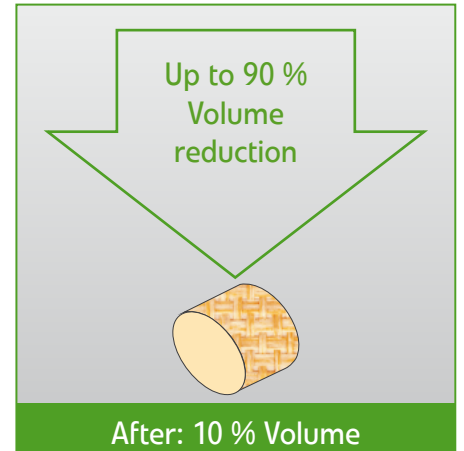
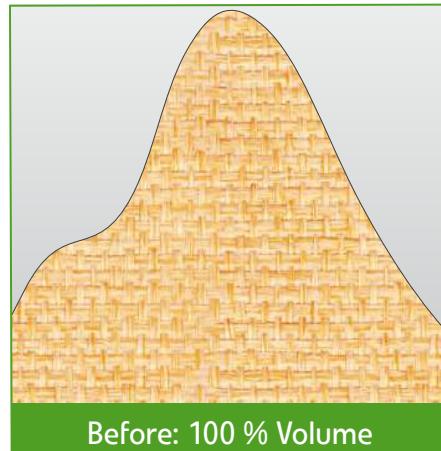
With the automatic briquette length feature the length of the briquettes can be constantly maintained even with a variety of materials.

By installing the press on a ground frame it can easily be transported and also allows for greater mobility.

Briquetting

Briquetting – Large volumes made small

The material to be compressed is mixed by a continually turning tube extractor in the container and then fed to the pressing mechanism by a discharge screw conveyor. The loose material is then subsequently pre compressed. Then pressed by the press cylinder, the pre formed briquette is transformed into its final, highly compacted form. When the defining pressure value is reached, the tongs open and the briquette is pushed out.



Practical examples



Left: Briquetting Press AP 555 installed under filter system.



Right: Briquetting Press AP 675.



Depending on the material, the briquetting press „AP 775“ enables hourly capacities of 120 to 160 kg.





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