



## AP BRIQUETTING PRESSES

Compact briquetting presses for volume reduction and heat energy production

Craft and industrial operations generate wood chips, shavings, and sawdust daily, consuming significant storage and transport space. Briquettes, however, save space, are easier to transport, and reduce the risk of spontaneous combustion. Airtight's briquetting presses compact these materials into briquettes, usable for heating. They can be installed as standalone machines or integrated with evacuation systems.

Briquettes from Airtight presses offer significant volume reduction while maintaining high heating value and controllable combustion.

Key features include:

- ✓ Major volume reduction, leading to savings in storage, transport, and disposal costs.
- ✓ Briquettes can be burned for cost-effective energy production.

**Standard equipment:** Pressing mechanism with press, expletive and tong cylinders, press chamber wear bushings (except model AP11110), chrome plated tongs, container with base plate, tube extruder, motor, conveyer channel, discharge screw conveyor, ground frame with oscillating unit, hydraulic tank with pump motor and valve control, switching box including SPS control.

✓ Type	Motor	Briquette-Ø	Throughput*	Weight**	Sizing in mm					
					L	W	H	W	Y	S
AP 440	4 kW	40 mm	40 kg/h	850 kg	1900	1315	1410	1000	1000	200
AP 555	5.5 kW	50 mm	50 kg/h	870 kg	1900	1315	1410	1000	1000	200
AP 755	7.5 kW	70 mm	70 kg/h	900 kg	1900	1315	1410	1000	1000	200
AP 675	7.5 kW	60 mm	120 kg/h	1100 kg	2210	1965	1435	1400	1400	200
AP 775	7.5 kW	70 mm	120 - 160 kg/h	1200 kg	2210	1965	1435	1400	1400	200
AP 811	11 kW	80 mm	150 - 200 kg/h	1800 kg	2210	1965	1435	1400	1400	200

\*material dependent \*\*equipment dependent

### KEY BENEFITS

- ✓ 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



Before: 100% Volume



After: 10% Volume

Up to 90% volume reduction



### TYPICAL APPLICATIONS:

Chemical  
Mineral / Cement  
Metal Dust

Welding Fumes  
Mining  
Power Coating

Abrasive Blasting  
Pharmaceutical  
Food & Grain

Food & Beverage  
Packaging

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