

StyroPress

Briquetting of EPS (airpop®),
XPS and PU

Reduction of volume
up to 98%



The advantages at a glance

- Full truck & container load with 24t
- Minimum of operation staff required
- Low space requirement
- Density up to 700 kg/m³
- Continuous operation 24/7 possible



Fully automatic compaction system with volume reduction up to 98%

The materials airpop®, XPS or PU are filled into a **large feeding opening** of 1200 x 500mm. The integrated shredder with about 100kg of hourly throughput shred the material and carries it into the extendable **buffer**. Afterwards the material is compacted by a **pressing force** up to **25t** into **high density briquettes**. Finally there are **pushed out** through the channel without any further energy input. The result is a **maximum payload** of 24t in trucks and 40ft seecontainers.

High briquette density without material heating

The material is compacted in briquettes by a **surface pressure** of more than **3200t per m²** and a throughput of max. 30kg/h. The StyroPress works **without material heating** and can be used in **continuous 24/7** operation.

High ease of use

The StyroPress requires a little space of approx. 7m² and allows plug and play installation. Because of the **SPS-control** by **Siemens** operation of the press is easy and intuitive. The StyroPress can be placed directly at material source because of our low noise concept with max. **78dB(A)**.

Technical data

Pressing force in t	25
Surface pressure in t/m ²	3200
Machine weight in kg	2500
Briquette density kg/m ³	up to 700
Length dimensions	84 x 92mm (length variable)
Power supply	400V, 50Hz, 12,5kW 480V, 60Hz (USA)

Options / Accessoires

- Buffer extendable up to a silo
- Presorting table
- Conveyor belts for continuous filling
- Feeding by suction systems
- Materialpredrying
- Wing-Resolver for the integration in external processes
- Shredder unit (depending on the raw material)
- Discharging funnel system



Integrated shredder



StyroPress with shredder



Discharging tunnel (optional)



StyroPress without shredder



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