

Thermal-mechanical compactors

reduction up to 80%
of the **trimmings** and **scraps**
volumes of any plastic film,
even laminated



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Ulmex is Pavel commercial partner which, for over 50 years, has been a leading company in the field of compacting trimmings and scraps of any plastic film.

The thermo-compactor is a solid and robust solution capable of aspirating continuous and discontinuous trimmings, transforming them into stackable and palletizable highly compacted bars of variable length and very low weight due to the combined thermal and mechanical action provided. Through an integrated suction pump, the thermo-compactor is versatile and

can also work as a stand-alone solution system or it can be directly connected to the slitting or production lines. Thanks to the positive impact on the manpower and transport costs reduction, the return on investments is guaranteed in the short term.

The Pavel range of compactors

KP 200



Process Capability:
from 75 Kg/h to 150 Kg/h (depending on the material)



Dimensions:
190 cm (L) x 100 cm (W) x 84 cm (H)
Height with filter: 200 cm, Outlet channel: 110 x 100 cm



Size of the jugs:
base: 110 x 100 mm, L: variable according to need



Suction:
partially allowed, based on the type of trim



Consumption:
16 kW



Automatic ON/OFF/Standby mode:
available



Heating capacity:
2.2 kW continuously up to 250 °C



Connecting rod system:
double

KP 2000



Process Capability:
from 150 Kg/h to 250 Kg/h (depending on the material)



Dimensions:
200 cm (L) x 100 cm (W) x 84 cm (H)
Height with filter: 265 cm, Outlet channel: 150 x 100 cm



Size of the jugs:
base: 150 x 100 mm, L: variable according to need



Suction:
allowed, based on the type of trim



Consumption:
24 kW



Automatic ON/OFF/Standby mode:
available



Heating capacity:
3 kW continuously up to 250 °C



Connecting rod system:
double

Thermal-mechanical compactors

The advantages

- ▶ Enhancement and circularity of production waste
- ▶ Reduction of manpower, waste and energy costs
- ▶ Optimization of spaces dedicated to waste
- ▶ Reduction of environmental impact
- ▶ No separate aspirator
- ▶ No hydraulic press or winder
- ▶ No trim winder
- ▶ No shredder



Components

- 1 Crankshaft with compression piston
- 2 Suction and compression channel
- 3 Heating channel with controlled temperature
- 4 Cooling channel complete with bar cutting blade
- 5 Discharge channel with pneumatic adjustment
- 6 Touch screen panel control
- 7 Dust filter with collection bag

