



KP 2000 MAX

Pavel Gerätebau GmbH

FILM COMPACTOR KP2000 MAX

Overview and areas of application

The **KP2000 MAX film compactor** is the top model in Pavel's KP series and is designed for maximum performance. Thanks to its extra-wide inlet opening and high throughput capacity, it is perfectly suited for production environments with a high throughput capacity.

Safety first and foremost

As with all Pavel film compactors, safety is a top priority:

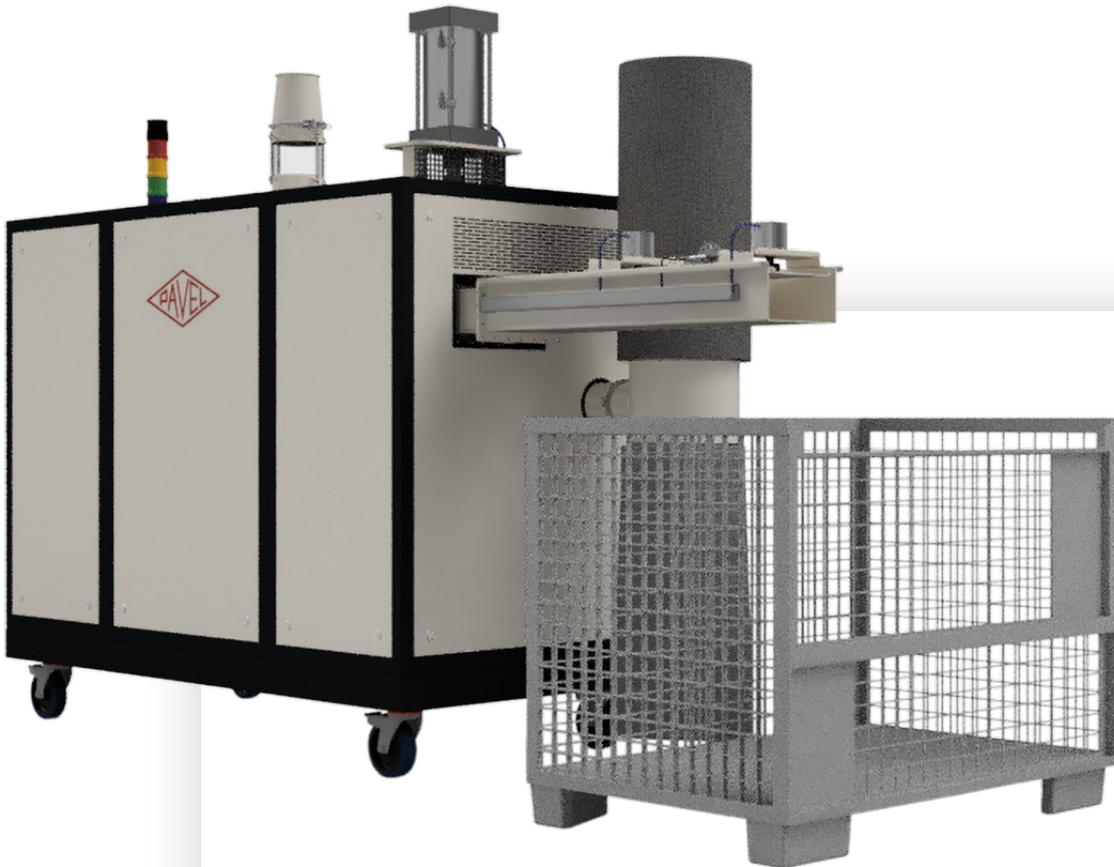
Cladding key system:

For controlled access to the inside of the machine

The KP2000 MAX is ideal for applications in which large film volumes or bulky materials are processed. With the KP2000 MAX, you benefit from highly efficient and sustainably reduce your disposal and transport costs.

Smoke detector and **overtemperature cut-out** ensure a safe environment **Heating cut-out and protective grille** on the Cutting blades prevent injuries

Tower light with siren alerts you immediately in the event of a fault



Control system and software

Pavel has consistently developed the controls for the KP2000 MAX to offer you maximum control and ease of use:

Extended lowering mode:

Fine adjustment of heating and blower parameters for different film materials

Quick recipe changes:

Load and save customised recipes for different production batches directly via the touch panel

Access via key switch:

Secure and uncomplicated - no passwords required

Connection and flexibility

Extra-wide inlet:

Ideal for large-format films or voluminous edge strips

Modular concept:

The KP2000 MAX can be operated both independently and in combination with existing systems, pipe systems or external hoppers

High integration capability:

From extrusion to printing lines - the KP2000 MAX adapts to your workflow

Equipment features

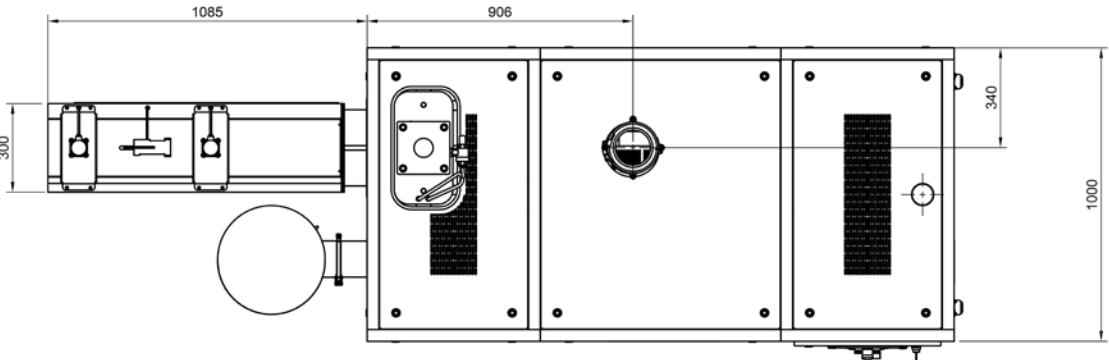
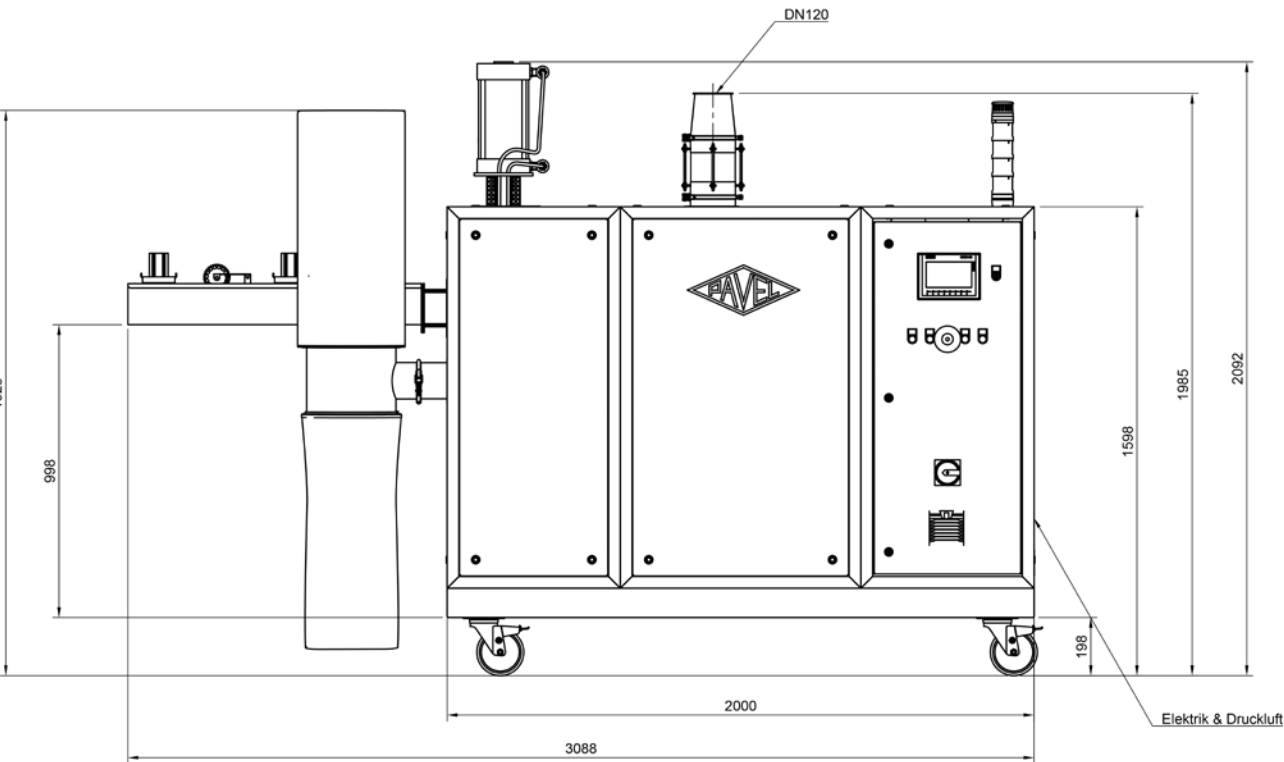
- ✓ **Powerful extraction system** for maximum throughput
- ✓ **Robust design** for continuous use in demanding production environments
- ✓ **Siemens control system** with integrated recipe management
- ✓ **Optional interfaces** for seamless connection to external systems
- ✓ **Optional external control** for integration into existing systems

Conclusion

The **KP2000** offers a reliable combination of **high compaction performance** and reliability. Thanks to the powerful vacuum process, the robust Siemens control system and the extensive safety and maintenance functions, the compactor can be flexibly adapted to your production requirements. Reduce your disposal and storage costs in the long term and benefit from a future proof, high-performance compactor system.

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Specifications



Suction

The KP2000 MAX has 2 vacuum compressors with the following specifications:

Device type	kW	Hz	m³/h	hPa [mbar]	V	A	dB (A)
1x side channel blower with frequency conversion	7,5	50	700	-305/330	200-240 V / 345-415 Y	28,0 D / 16,2 Y	70
	8,6	60	840	-330/290	200-275 V / 380-480 Y	28,0 D / 16,2 Y	74
	11	87	1200	-105/80	345 D	28,0 D	82

Device type	kW	Hz	m³/h	hPa [mbar]	V	A	dB (A)
1x side channel blower without frequency conversion	5,5	50	700	-200/190	350-450 D / 610-725 Y	11,1 D / 6,4 Y	70
	6,3	60	840	-160/140	400-500 D / 690-725 Y	11,0 D / 6,4 Y	74

Airborne noise emissions

A-weighted emission sound pressure level	Tolerance ±3 dB(A)
At 50 Hz	73 dB (A)
At 60 Hz	77 dB (A)

Connection data

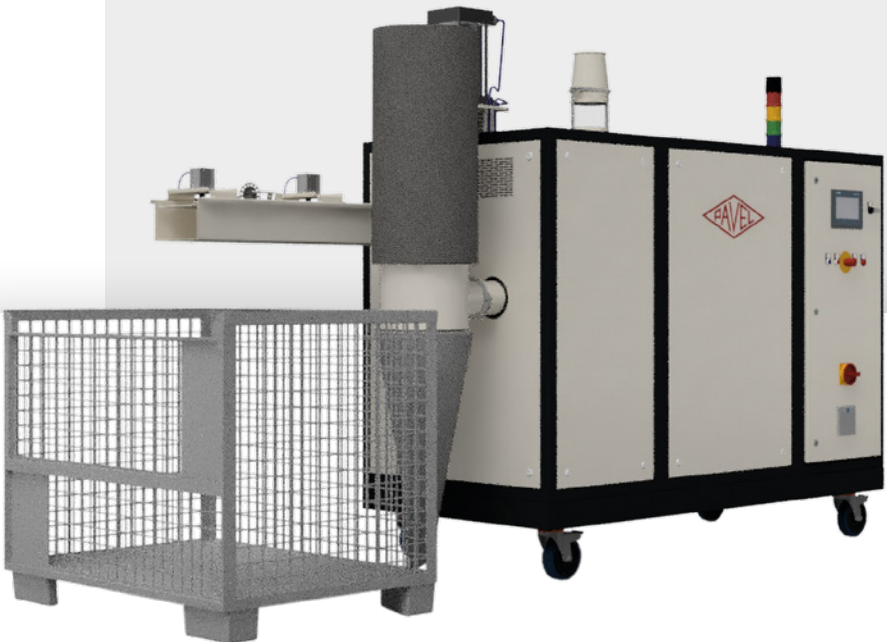
Mains connection: 400V, 3~, N, PE, 50 Hz
Back-up fuse: approx. 63 A
Compressed air: up to 6 bar
Control unit: Siemens S7-1214C
Total weight: approx 1035 kg (basic machine)

Standard scope of delivery KP2000 MAX

- 1 Switch cabinet key
- 2 Panelling key
- 3 Operator key
- Technical documentation
- CE Declaration of Conformity (print)
- Operating instructions (print)
- Circuit diagram (print)
- Digital version on USB stick

Optional

- Individual colouring of the machine
- Individual hopper according to customer requirements





www.pavel-gmbh.de

Pavel Gerätebau GmbH

Discover the perfect
combination of tradition
and innovation - your reliable
partner for durable machines.

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