



KP 2000

Pavel Gerätebau GmbH

FILM COMPACTOR KP2000

Overview and areas of application

The **Pavel KP2000** film compactor is specially designed for companies that want to compact medium to large film volumes efficiently. Whether punching waste or edge trim - thanks to high performance reserves and modular connection options, you save valuable resources in storage and disposal.

Safety first and foremost

The KP2000 offers maximum operational safety thanks to integrated safety features such as a tower light, fire alarm and locked housing parts that can only be accessed with special keys. All potentially dangerous machine parts are located on the inside so that your employees are optimally protected at all times.



Control system and software

The touch-based control system with Siemens SIMATIC enables intuitive operation. You benefit from recipe management, adjustable parameters and a clear status display. The system is designed to ensure smooth processes and quick adjustments during operation.

Connection and flexibility

The KP2000 can be operated independently or seamlessly integrated into existing production systems. Whether directly on cutting, extrusion or printing lines - the compact and modular design enables easy customisation to individual requirements.

Equipment features

- ✓ **Siemens control system**
- ✓ **Recipe management** for different film types
- ✓ **Maintenance counters** for predictive maintenance
- ✓ **Standard and lowering mode** for flexible production phases
- ✓ **Password-free access** thanks to key switch
- ✓ **Optional external control** for integration into existing systems

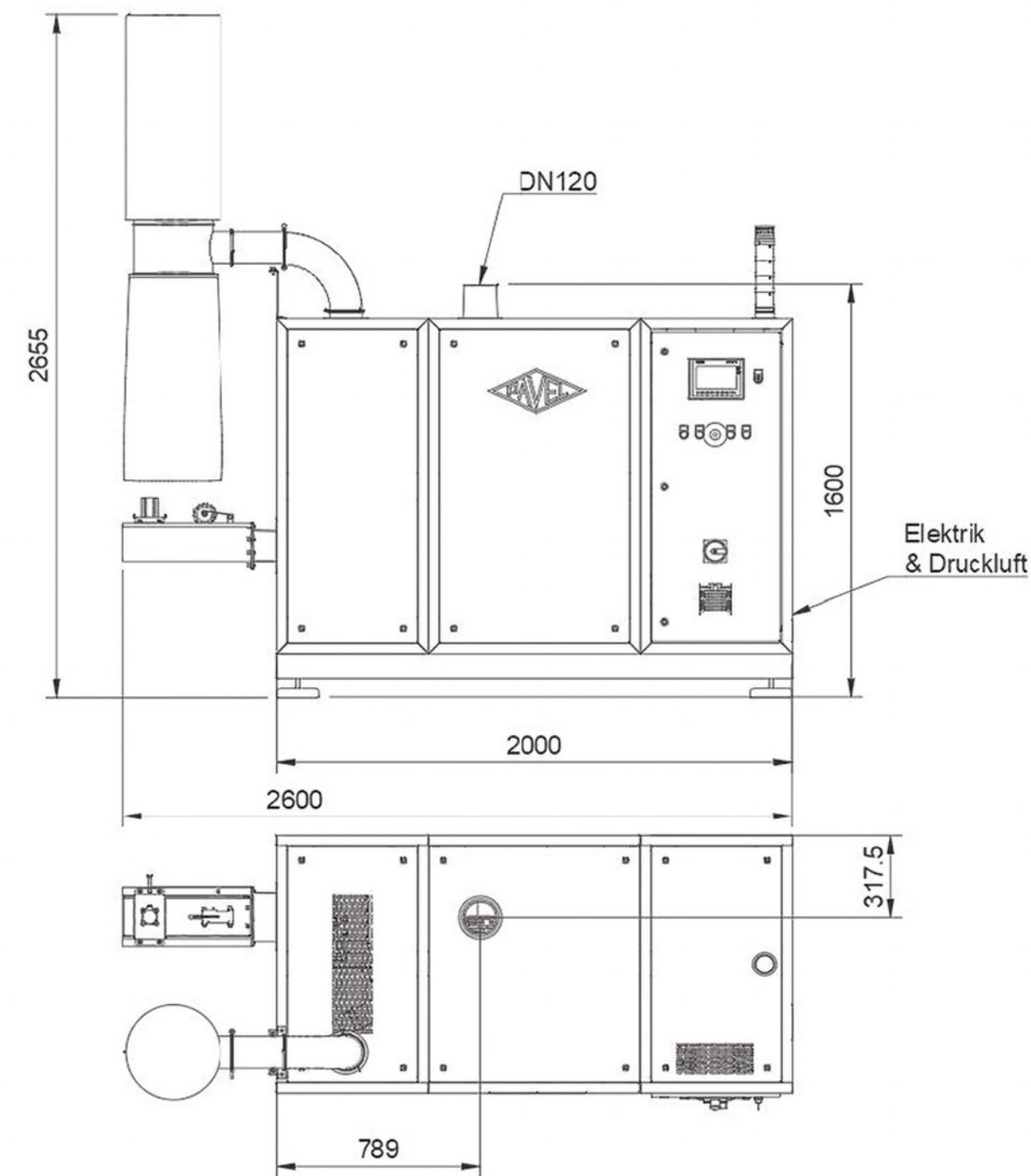


Conclusion

The **KP2000** offers a reliable combination of **high compaction** 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 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 950 kg (basic machine)
approx 1150 kg
with base frame

Standard scope of delivery KP2000

- 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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