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Electric Impactor Series ePKL



- For loosening stubborn adhesions in silos, containers and pipes
- Energy-efficient, mobile operation possible thanks to battery pack
- Optional automatic control (ST) and integrated monitoring (number and intensity of impacts)
- Silenced EE version with elastomer impact plate
- Supply voltage 24 V/DC, activation via potential-free contact or internal control
- Power adapter available for direct supply with 230 V/AC



Automatic control ST with power supply (optional)



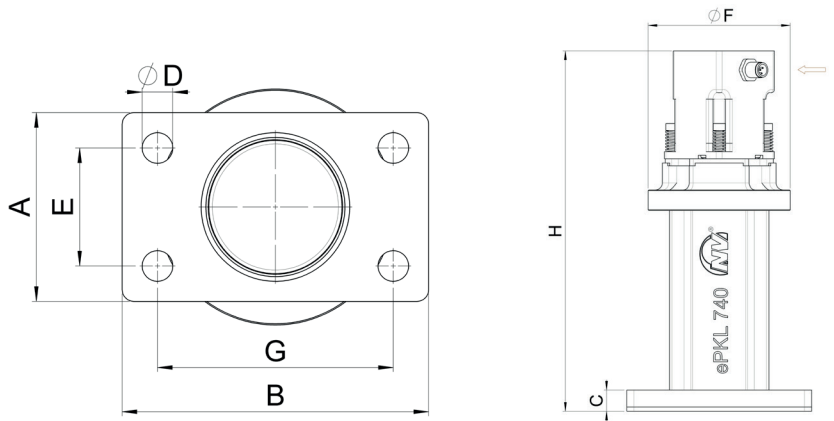
eVAC with external battery (optional)



Electric Impactor Series ePKL

Type	Piston weight [kg]	Total weight [kg]	Force of impact* [kg]	Suitable for wall thickness [mm]	Nominal voltage [V/DC]	Nominal current [A]	Nominal power [W]	Control system	Operating modes
ePKL 740	0.74	3.57	2.10	2-4	24	2.5	60	RS-485	Single impact Continuous impact

* The impact force corresponds to the effect of the specified weight, which falls from a height of one metre.



Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]
ePKL 740	80	130	15	Ø 13	50	Ø 100	100	254	M12x1

Application areas

Electric interval impactors series ePKL are particularly suitable for knocking adhesions, which are difficult to remove, off the walls of pipes and containers. ePKL are also used when, for example, bridges or rathole formations are to be loosened, or silos or containers emptied completely.

Design and function

PKL impactors allow effective and gentle cleaning at the same time. Movements re-sembling a hammer blow remove strongly adhering materials from the wall. In the ePKL the piston is raised by a stepping motor. When the upper stop is reached, the piston is released and accelerated with the help of springs. This causes the piston to hit the impact plate abruptly. The intentionally initiated impulse protects the construction (like tank wall or pipe).

Operating modes and controls

ePKL impactors can be used in the two operating modes 'single impact' or

'continuous impact'. The 'single impact' operating mode is preset on delivery. The ST kit is required for the 'continuous impact' operating mode. The preset pause time is 60 seconds. This can be adjusted when ordering. As an option, parameterisation and control can be carried out via the RS-485 interface. The ePKL also has an internal impact monitoring function.

Permissible operating conditions

Supply voltage:

24 V/DC or
via adaptor (optional) 230 V/AC

Ambient temperature:

-20°C to 40°C

NetterVibration offers the right accessories required for the mounting, installation and control of vibrators and interval impactors.

Netter provides solutions.

Consult our experienced application technicians.

Netter GmbH

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