

VH-500 railcar vibrator

The standard VH-500: up to 550 J straight to the railcar frame, two units per railcar, one operator. A typical railcar takes up to 5 minutes including clean-up.



up to 550 J

Impact energy

7 bar

Working pressure

2.8 m³/min

Air consumption (per unit)

TECHNICAL DATA

Impact energy	up to 550 J
Working pressure	7 bar
Air consumption (per unit)	2.8 m³/min
Impact rate	6 impacts per second
Impact head reach	700 mm
Impact point	Railcar frame / wall
Installation	Concrete foundation or steel base
Installation category	Outdoors
Units per railcar	Two
Mass	650 kg
Dimensions (L×W×H)	1620 × 420 × 1560 mm
Working temperature	Standard -30...+40 °C; low-temperature version down to -40 °C (special oil, dried air)
Warranty	12 months
Commercial status	Series production

WHERE IT IS USED

Hopper railcars with a frame the vibrator can brace against: mineral fertilisers, coal, cement, ore concentrates and other bulk cargo that cakes or freezes slightly in transit.

HONEST LIMITATIONS

If cargo is frozen solid all the way through, vibration will not discharge it — thawing is needed first. At 2–3 railcars a day professional equipment usually doesn't pay off.