

# Sustainability that pays off.



## Protection against exhaust emissions: The battery rammers AS30e and AS50e



Working emission-free with the battery rammer AS50e.

With the AS30e and AS50e battery-powered rammers, Wacker Neuson succeeded in developing high-performance equipment for soil compaction that does not emit any exhaust emissions during operation and thus protect the operator and the environment. The innovative drive technology with a battery and an electric motor enormously expands the range of application of vibratory rammers in the construction industry.

The battery-powered rammers are available in two versions: the smaller AS30e model is a special rammer for compacting pipe spandrels and the AS50e battery rammer is used for all traditional rammer work. With the introduction of the new battery generation in March 2017, the running time of the two battery rammers AS30e and AS50e was increased to 45 minutes and 30 minutes respectively, which has already proved itself in practice very well.

The batteries of both machines can be removed without tools so that the operator can replace the discharged battery with a charged battery in a few simple steps. Customers who already

own a battery-powered rammer can easily switch to the new battery, as the design, connections and operation remain unchanged; the battery chargers can also still be used.

The battery specifically designed and developed by Wacker Neuson for application in vibrating machines is characterized by its robustness and safety, in addition to the improved running time. The lithium-ion battery designed for harsh job site work offers a consistent power output throughout the entire discharge phase, which leads to a constant compaction performance from the first to the last minute of work. Aging effects can be minimized by an active cooling during operation

BLUECOMPETENCE

Alliance Member



New battery generation for a longer running time.

**”Innovations in the field of compacting technology are a tradition at Wacker Neuson: A groundbreaking invention was created with the first rammer in 1930—and many innovations followed. With the battery-powered rammers, Wacker Neuson is taking another step towards the future.**

of the rammer and when loading, and extreme temperatures from -10 to +50°C will not damage the sturdy battery. The compaction performance of the battery-powered rammers corresponds to the time-tested and proven Wacker Neuson two-cycle rammers of the same class.

Due to the zero-emissions — thanks to the electric motor and battery — both models easily meet stringent requirements, e.g. for urban construction areas or work in trenches.

Another advantage of the battery-powered rammer is its low operating costs, as the electric motor is completely maintenance-free. Costs and effort that are typically incurred for rammers with combustion engines, due to typical maintenance work on air filters, spark plugs and the carburetor, can also be spared.

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The energy costs are also priced significantly lower: around 55 percent in energy costs can be saved by operating with electricity.

**Facts:**

- Maintenance-free electric motor
- Start at the push of a button
- 100% emission-free: protecting operator and environment
- Low energy costs: savings of 55%