

## New MVCC 3/1200 electric vibrator

*Power and reliability to operate under extreme conditions: 1,130 kg of centrifuge power with direct current, for use on dump trucks or train wagons.*

### MVCC 3/1200: pure power

Under certain weather conditions characterized by cold and rain, inert material such as earth or sand often freezes or compacts inside dump trucks or wagons, making unloading operations difficult. Normal direct current electric vibrators do not have enough centrifuge power to solve this problem. To make things easier, Italvibras has designed the new MVCC 3/1200 high-power electric vibrator, specially created to guarantee easy unloading of dump trucks or wagons.

### MVCC 3/1200 in detail

The MVCC 3/1200 electric vibrator, operating with direct current, 12/24 V and permanent magnet poles, reaches a centrifuge power equaling 1,130 kg (11.10 kN), at 3600 rpm. With its IP66 mechanic protection, it is produced with a new body, linear and compact, so that dust and residues do not accumulate on its surface. The propeller nuts are made of AISI 316L stainless steel. The power cable is supplied already connected to the equipment and is attached to the terminal through a bi-component silicon to guarantee excellent mechanic and electric insulation.



### High performance, high safety

MVCC electric vibrators are characterized by their high performance and absolute compliance with the directives about electromagnetic compatibility. The IP66 mechanic protection and the superficial coating of electrostatic paint guarantee this electric vibrator's optimal performance even under the most critical conditions such as presence of liquids or corrosive substances, or washing with high pressured water. Finally, its low tension is particularly important for the safety of operators of railway dump wagons.

### Italvibras direct current electric vibrators

The new MVCC 3/1200 model completes the series of direct current electric vibrators for hoppers, silos and control grids on self-propelling vehicles (cement mixer trucks, concrete pumps, plasterers, salt trucks, gravel trucks, fertilizing trucks, transported silos, road sweepers, etc).

The terminal box of the other MVCC models, with 1.19 and 2.07 kN centrifuge power, is located beneath the electric vibrator to use up less space and provide a more compact design and better protection of electric contacts.