



Zero-emission, electrically driven small milling machine

# Cold Milling Machine W 350 E



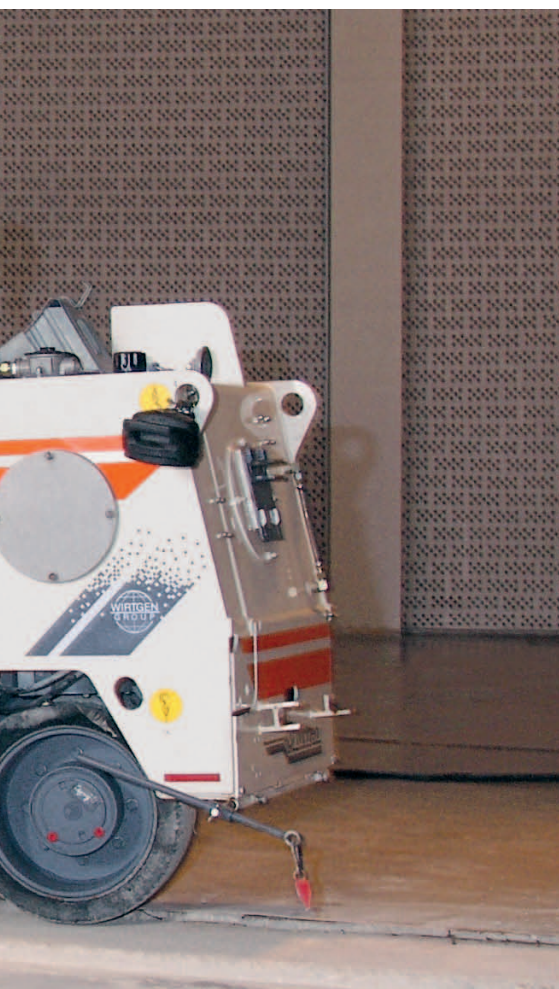
# Milling with almost zero emissions



## Clean air guaranteed by zero-emission electric drive

**//** In many buildings of the food and chemical industries, it is not permitted to use cold milling machines driven by diesel engines. What to do? The Wirtgen W 350 E cold milling machine has just the right answer: featuring an electric drive system, it operates without producing any harmful CO<sub>2</sub> emissions. The zero-emission small milling machine is

the ideal candidate not only for milling in restricted space conditions inside buildings but also for rehabilitating larger surfaces. It is capable of creating various surface textures in accordance with specified requirements. In addition, a separate suction port for connecting a suction system enables the dust-free removal of contaminated substances.



◀ The W 350 E electrical cold milling machine removes indoor pavements at zero-emission level

▼ The footboard at the rear of the machine can be equipped with a comfortable driver's seat

Manoeuvrable small milling machine for indoor operations



- The W 350 E is the ideal candidate for the efficient removal of indoor floor pavements in accordance with exceptionally strict emission standards.
- The machine's compact dimensions allow milling in extremely restricted space conditions and in all types of buildings – in particular of the food-processing industry.
- The compact, zero-emission small milling machine is driven by two powerful three-phase motors with a total performance of 29.5 kW.
- Removable supplementary weights enable the W 350 E to be operated on building floors of limited load-bearing capacity.

# The W 350 E gets there – even when things are tight

A few simple steps only  
are necessary to fold in  
the rear wheel ...

... in order to “slip” through  
narrow entrance doors with a  
machine width of only 1.0 m ...



... or to mill as close  
along walls as possible

Simply removing individual  
weight slabs relieves the small  
milling machine of up to 1,350 kg

Large locking angles of the front  
wheel permit small milling radii

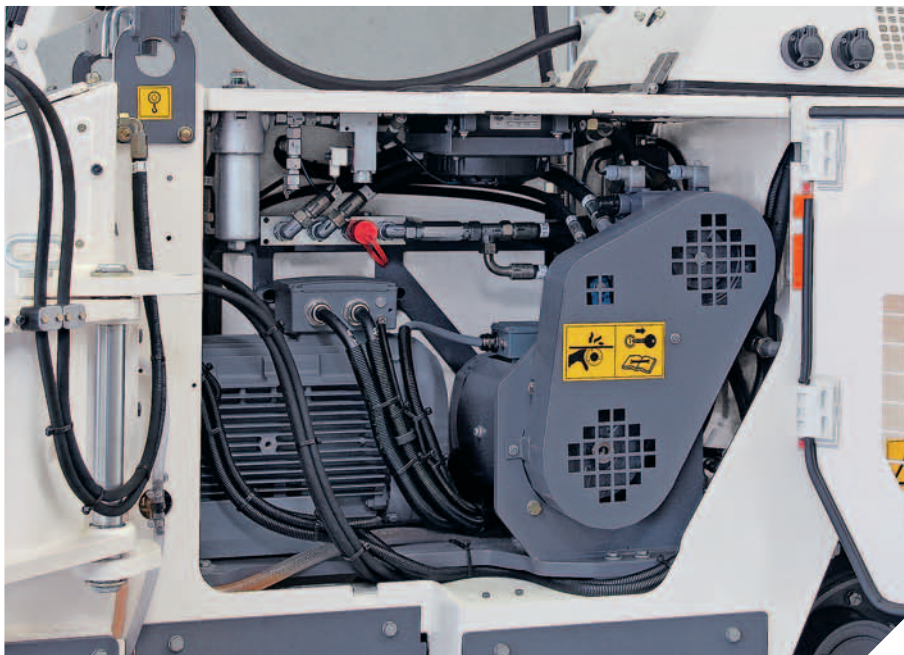


## Compact, manoeuvrable, lightweight

**//** Narrow entrance doors to buildings can pose an insurmountable barrier to many cold milling machines. Thanks to its compact width of only 1.0 m, however, the three-wheeled W 350 E cold milling machine will go through every building door. To pass through, the right-hand rear wheel is simply folded inward – a wheel arrangement which also allows precise milling along walls or in corners.

Manoeuvrability is yet another asset of the W 350 E. Large locking angles of the front wheel permit extremely small milling radii of only 350 mm. And when a lower machine weight is required, as is often the case in buildings with limited load-bearing capacity, the small machine goes on a “crash diet”: separately removable supplementary weights reduce the machine’s empty weight to as low as 2,800 kg.

# Keeping the air pure and clean



Zero-emission electric drive complies with strict emission standards

Disconnecting the power generator is a matter of mere minutes ▼

▲ The two quiet three-phase motors offer easy access for maintenance procedures

Electric power is supplied via a three-phase socket ►



▮ The zero-emission W 350 E electrical cold milling machine is used where specific indoor air quality requirements prohibit the use of equipment driven by diesel engines.

▮ Typical operating sites include “sensitive” areas of both the food-processing and chemical industries.

▮ The milling drum is driven by a three-phase motor, while a second electric motor drives the hydraulic pumps and the front wheel.

▮ A removable power generator ensures wireless transfer from the transport vehicle to the operating site.

# Impressive milling performance – whatever the job



▲ A separate suction port has been provided at the rear of the machine

W 350 E rehabilitating the concrete floor in a production building of the food industry ▼

▲ When equipped with a fine milling drum, the small machine is capable of creating finely textured milled surfaces

The W 350 E shown here is removing a contaminated floor pavement at a chemical factory ►



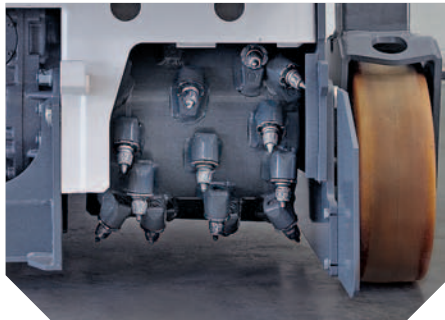
## Suitable for use on larger surfaces

/// The electrical cold milling machine is used wherever diesel engines are not permitted to run for extended periods of time. Thanks to its powerful electric drive, however, the W 350 E also masters the economically efficient rehabilitation of large surfaces. In addition, the wide range of milling drums with different tool spacings on offer enables the small milling machine to create surfaces of

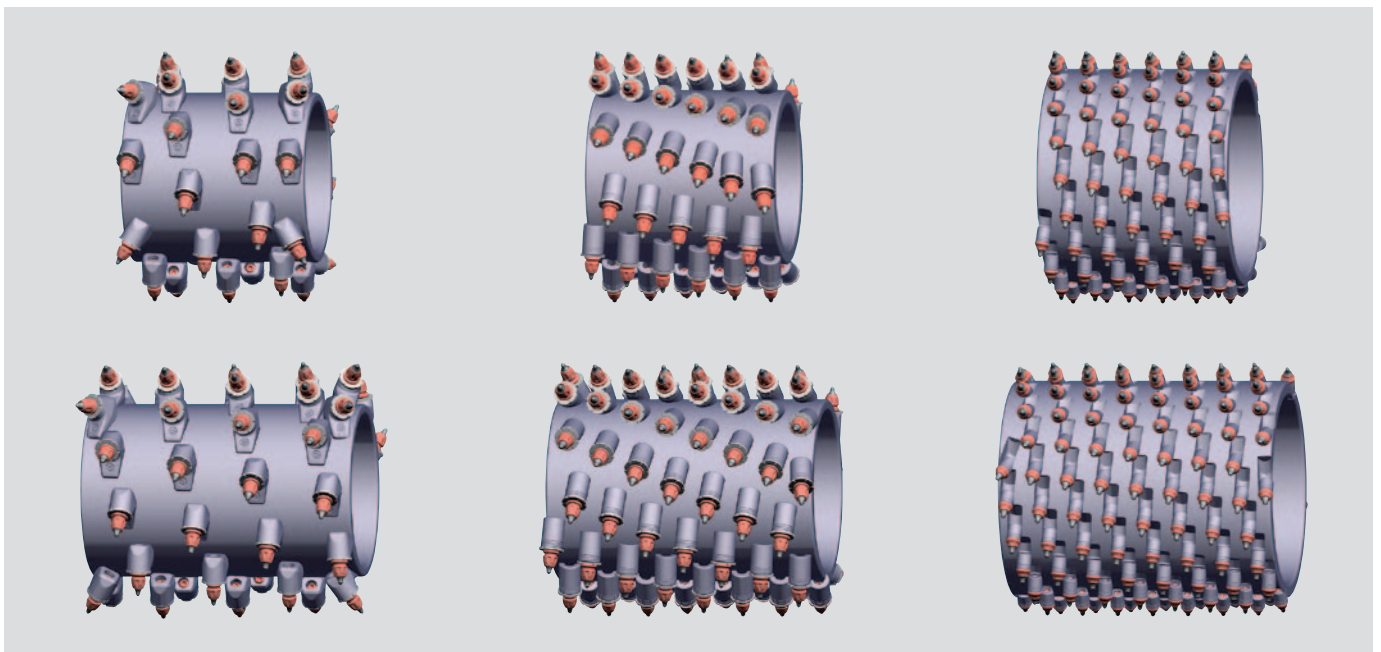
most diverse textures. And what's more, the W 350 E is fully prepared to tackle a very special type of application: preventing dust from whirling up is a must when milling off contaminated building floors. The spreading of dust is safely avoided, however, by means of the suction port for connecting a suction system.

The milling drum provides easy access for tool replacement ►

Wide range of milling drums for the production of different types of surfaces ▼



Milling drums for a variety of jobs



- The W 350 E can be equipped with standard milling drums of 350 mm or 500 mm width to mill off large surfaces at a working depth of up to 100 mm.
- To mill off thin pavements or roughen existing surfaces, the standard milling drum can be exchanged for a fine milling drum of identical width.
- Fine milling drums create finely textured surfaces that are ideally suited as a base for the application of thin pavement layers of high quality.
- The W 350 E offers easy access to the milling drum for the quick and easy replacement of cutting tools.



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