Wirtgen │ The Ideal Compact Milling Machine for Urban Construction Projects

Two projects on one day: A W 120 Fi in Berlin demonstrates its versatility, outstanding performance, and the high level of comfort its fully-enclosed cabin offers its operator.

The work schedule of the milling crew called for the deployment of the contractor’s W 120 Fi compact milling machine on two construction sites in the same day – in the center and on the outskirts of Berlin. Milling services provider Enrico Feind deploys this model primarily for projects in sensitive urban locations. The machine unites maximum performance, versatility, maneuverability, and low-vibration working with outstanding operator comfort, and it completed both jobs in the shortest possible time.

Comfort Cabin for Ideal Working Conditions

The W 120 Fi is a big favorite of the milling crews – with good reason – because the Comfort Cabin reduces fatigue and makes the operator’s work much more comfortable. The fully-enclosed cabin provides a workplace in line with the latest ergonomic standards, provides protection against weather and noise emissions, and keeps dust and dirt out of the operator’s workspace. The state-of-the-art operator’s platform on the compact milling machine could also demonstrate the full breadth of its advantages on the two project sites in Berlin.

Particularly Suitable for Milling in Urban Settings

The outstanding maneuverability and compact dimensions of the cold milling machine make it the ideal choice for milling at inner-city sites. On the first job of the day in particular, near Berlin’s Potsdamer Platz, where the milling crew had to work in an extremely tight space: the street is narrow and runs between office blocks and over an underground parking garage. Due to this tricky situation, removing two layers by milling required a particularly delicate touch. Thanks to its combination of a high-powered engine and low weight, the W 120 Fi is exactly the right machine for a job like this. Its environmentally-friendly engine technology and smart assistance systems allowed the milling project to be completed in a precise, cost-efficient, and sustainable manner. In automatic mode, the innovative MILL ASSIST machine control system optimizes the milling process by consistently selecting the most favorable balance between performance and cost. The result? Improved machine performance, high efficiency, lower fuel consumption per ton of milled material, and a significant reduction in CO₂ emissions.

High Operational Flexibility

Immediately after its inner-city job in the central borough Berlin-Mitte, the machine was loaded up for the 30 km trip to the next job – this time in Marienfelde, on the outskirts of the city. Here, the milling machine processed an area of around 200 square meters between fields and meadows. Two such different construction sites on the same day are no problem at all for the W 120 Fi. The highly-maneuverable machine is extremely productive, easy to transport from site to site, and can be quickly reconfigured for a wide range of milling tasks. The second construction project was also completed within the space of around one and a half hours.

Facts and Figures – Project Details

Project in Berlin-Mitte

Completion time: 3 hours

Area: 65.5 m x 5.80 m

Asphalt pavement removal: Two layers, 350 m²

First layer: 10 cm

Second layer: 5–8 cm

Constructional features: Gutters on both sides

Road bed: Crushed stone

Project in Berlin-Marienfelde

Completion time: 1.5 hours

Overall asphalt surface area: 200 m2

Individual areas/removal: 40 m²/4 cm  
 126 m²/12 cm

Road surface area: 50 m x 5.40 m

Constructional features: 4 gate valves

**Photos:**



**w\_pic\_js\_w120fi\_berlin\_2024\_0027**

*The W 120 Fi unites maximum performance, versatility, maneuverability, and low-vibration working with outstanding operating comfort.*

 

w\_pic\_js\_w120fi\_berlin\_2024\_0035 w\_pic\_js\_w120fi\_berlin\_2024\_0019

The laterally-shiftable operator’s cabin in the Wirtgen milling machine guarantees ideal visibility.



**w\_pic\_js\_w120fi\_berlin\_2024\_0038**  
The Wirtgen milling machine is loaded up and ready to go to the next job in no time at all.



w\_pic\_js\_w120fi\_berlin\_2024\_0040

*Soon after completion of the city center project, the W 120 Fi demonstrated its impressive performance again on the outskirts of Berlin.*

Note: The photographs shown here are only previews. If you wish to publish them in other media, please download the higher resolution (300 dpi) versions from the link provided here.

For further information, please contact us at:

WIRTGEN GROUP

Public Relations

Reinhard-Wirtgen-Straße 2

53578 Windhagen

Germany

Phone: +49 (0)2645 131 1966

Fax: +49 (0)2645 131 499

Email: PR@wirtgen-group.com

www.wirtgen-group.com