

High-performance front loader for narrow major job sites.

# W 150 CF / W 150 CFi Cold Milling Machine



WIRTGEN

WIRTGEN

W 150 CFi

WIRTGEN



# High-Performance Front Loader

## for Narrow Major Job Sites



The most powerful cold milling machine in the compact class is particularly suitable for large-scale job sites where space is limited, such as in urban areas.

FCS enables the use of different milling drums up to a maximum working width of 1.8 m for greater flexibility and machine utilization.

The machine's low weight and centrally positioned milling drum unit ensure that its weight is ideally distributed.

The particularly wide swing angle and the speed of the front-loading conveyor can be flexibly adjusted for optimum loading of the milled material.

The state-of-the-art machine control system with the LEVEL PRO **PLUS** leveling system and the intuitive user interface make efficient one-person operation possible.

# Highlights of the Cold Milling Machine at a Glance

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## 1 | HIGH-PRECISION, INTUITIVE LEVELING WITH LEVEL PRO PLUS

- > Simple, intuitive operation
- > Fully integrated into the machine control system
- > Milling depth measurement via displacement sensors installed in the hydraulic side plate cylinders
- > Hydraulic scanning sensor in front of the milling drum

## 2 | EFFICIENT MULTIFUNCTIONAL ARMREST

- > Ergonomically designed multifunctional armrest with color control screen
- > Scraper position displayed on the control screen
- > Job data displayed on the control panel
- > User-programmable favorites buttons

## 3 | PERFECT VISIBILITY FOR HIGH-PRECISION WORK

- > Variably adjustable weather canopy
- > High-quality camera / monitor system with up to five cameras for viewing important working areas
- > Optimized headlight arrangement and optional LED headlights for maximum visibility at night

## 4 | COMFORTABLE OPERATOR'S CABIN

- > Ergonomically designed comfort operator's seat including seat heater
- > Easy access with "welcome and go home" lighting
- > Operator's cabin features wind and weather protection elements
- > Additional controls for the ground crew

## 5 | FAST MANEUVERING WITH HIGH TRACTION

- > ISC electronic track chain control for low track pad wear and optimum traction
- > Up to 7.5 km / h travel speed
- > Automatic parallel machine alignment through optimized PTS
- > "Stop-and-go" display for the truck driver

## 6 | LIGHT AND MANEUVERABLE MACHINE

- > Large steering angles for tight turning radii
- > High-precision steering via joystick in multifunctional armrest
- > Extremely light for this weight class with variable ballasting weight of up to 900 kg
- > Additional height adjustment in increments of 1 mm or 5 mm



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## MAXIMUM EFFICIENCY FOR TREMENDOUS PRODUCTIVITY

- > Impressive engine performance with high maximum torque
- > Three different milling drum speeds
- > Battery-powered hydraulic unit with additional functions
- > Automated water injection into the milling drum unit
- > Automatic WIDRIVE functions significantly reduce the need for operator intervention

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## LOW ENVIRONMENTAL EMISSIONS

- > Engine models for EU Stage 3a / US EPA Tier 3 or for stringent EU Stage 5 emissions standards
- > Alternative engine station with additional exhaust gas purification via diesel particulate filter
- > Minimized noise emissions through effective noise insulation and controlled fan speed

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## IMPRESSIVE MILLING PERFORMANCE IN A VARIETY OF APPLICATIONS

- > Milling drum rotation device and hydraulic pick ejector for fast pick changes
- > Hydraulically lifting side plates with proactive floating position to automatically lift on loose ground
- > Scraper raises automatically via overload sensor
- > Comes standard with extremely wear-resistant HT22 quick-change tool-holder system
- > FCS complete unit FB1500 with easily exchangeable milling drums FB600, FB900, FB1200, and FB1500
- > Alternative milling width of 1.8 m

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## HIGH LOADING VOLUME WITH MAXIMUM FLEXIBILITY

- > Wide conveyor swing angles of 60° to the right and left
- > Two conveyor swing speeds for high-precision loading of the milled material
- > VCS extraction system with optimized suction channel for minimum cleaning effort
- > Hydraulic folding conveyor for quick folding during operation on site
- > Quick-change coupling for easy mounting and removal of the discharge conveyor





WIRTGEN

Operating

Highlights

W 150 CFi

**IMPROVED ERGONOMICS - INCREASED PRODUCTIVITY**

An ergonomic, clear arrangement and easy operation. These guarantee success in the operator's cabin of the W 150 CF / W 150 CFi. Intelligent automatic functions further increase potential. This allows the operator to fully focus on what's most important - maximum performance. This is how you achieve the best results in every job.

# High-Precision, Intuitive LEVEL PRO *PLUS* Leveling System

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During milling operations, it's important to remove the layers of asphalt at the specified depth. WIRTGEN's intuitive **LEVEL PRO PLUS** leveling technology can be relied on to precisely maintain the specified milling depth.

## SIMPLE, INTUITIVE OPERATION

The **LEVEL PRO PLUS** leveling system developed especially for cold milling machines offers easy and intuitive one-hand operation using the rotary knob, and the menu can be configured as desired. **LEVEL PRO PLUS** stands out due to its extremely precise milling results.

## FULLY INTEGRATED

The **LEVEL PRO PLUS** leveling system is fully integrated into the machine control system, enabling a high degree of automation.

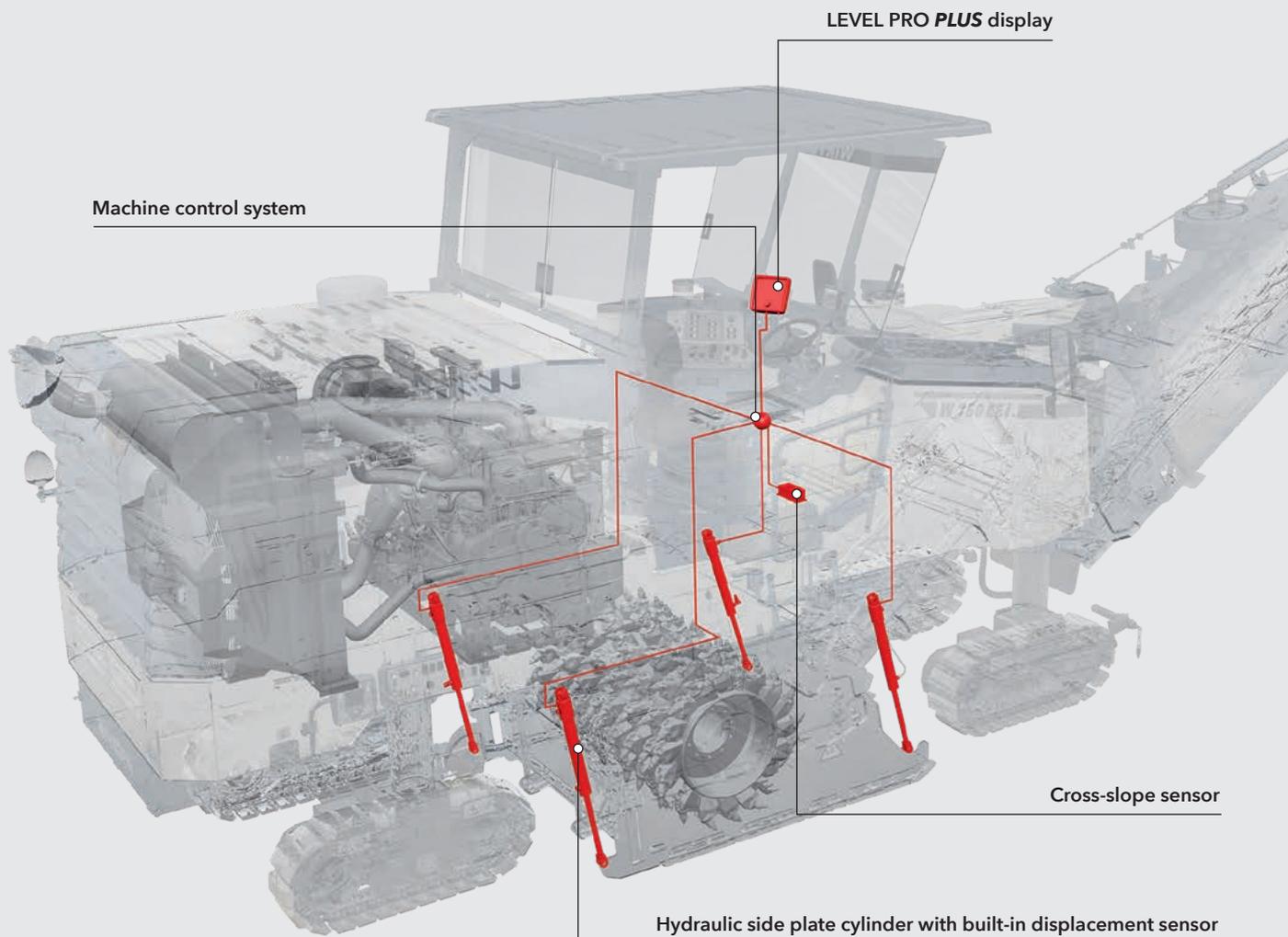
## DISPLACEMENT SENSORS

The reference line is scanned via heavy-duty displacement sensors built into the hydraulic side plate cylinders and displayed directly on the high-resolution **LEVEL PRO PLUS** control screen.

## HYDRAULIC SCANNING SENSOR

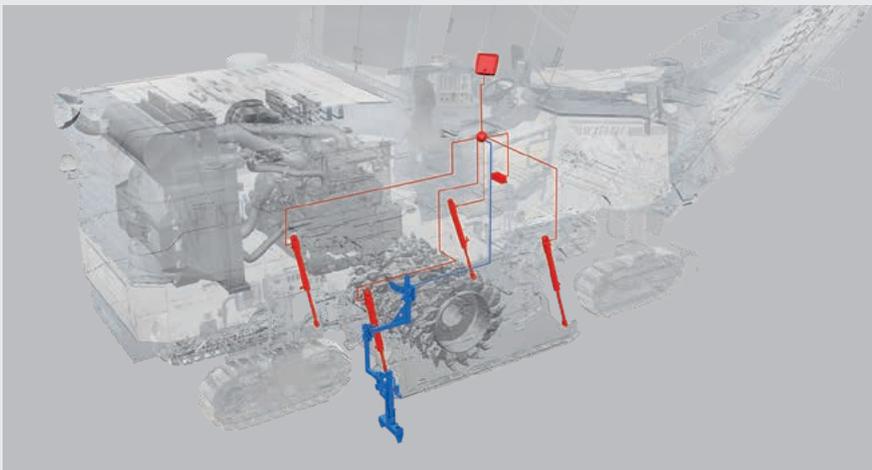
A hydraulic cylinder sensor scans the reference height in front of the milling drum.

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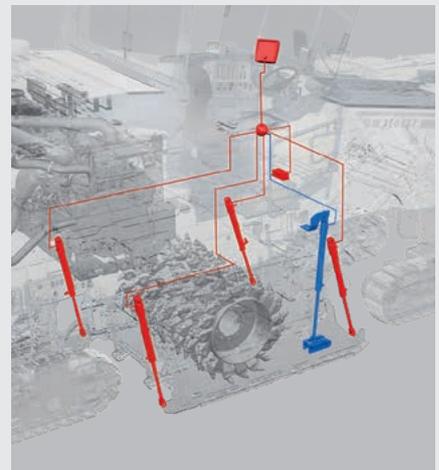


1 | The leveling system uses a variety of different sensors.

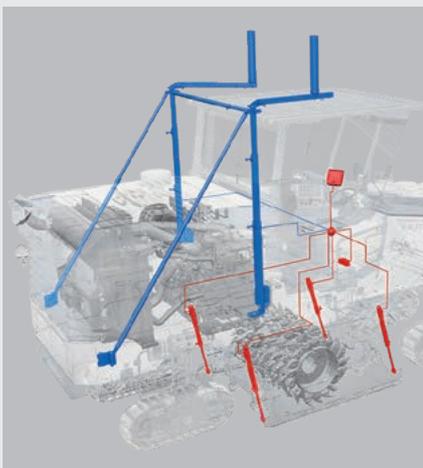
2 | LEVEL PRO PLUS is synonymous with perfect leveling quality at high operating speeds.



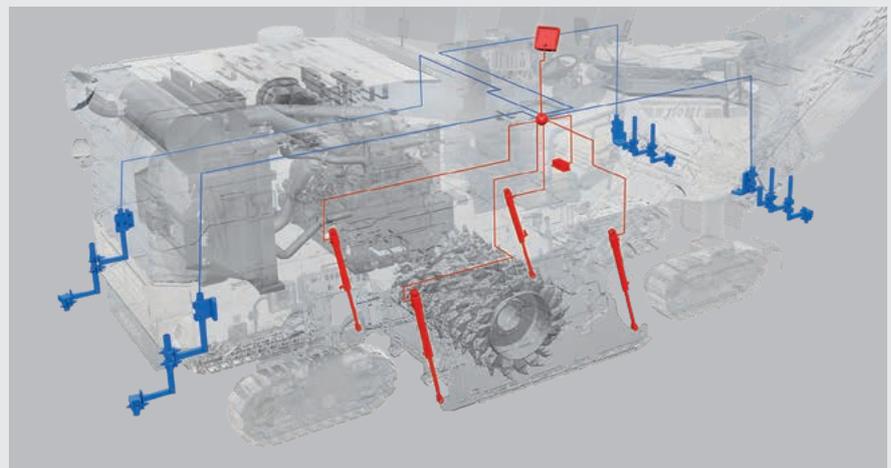
Sonic-Ski sensor



Scanning in front of the milling drum



3D leveling / laser leveling



Multiplex system with up to four ultrasonic sensors

# Efficient Multifunctional Armrest

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The compact milling machine's efficient multifunctional armrest not only speeds up processes and improves results, but also results in a more satisfied operator.

## ERGONOMICALLY DESIGNED MULTIFUNCTIONAL ARMREST

The multifunctional, individually adjustable armrest combines innovative design and ideal user-friendliness. Important information is displayed on the color control screen. The multifunctional armrest is also perfectly integrated into the WIRTGEN cold milling machine family's standardized user interface, guaranteeing productive operation right from the start.

## SCRAPER POSITION

The scraper position is detected by a displacement sensor and shown on the control panel.

## JOB DATA

Information like the weight and volume of the milled material, the size of milled areas, or the number of loaded trucks can be displayed automatically. This job data can be used to log daily performance.

## FAVORITES BUTTONS

Four buttons can be programmed with twenty different functions as required by the operator.

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1 | The operator has everything under control with just one hand.

2 | The ergonomically designed operator's platform with multifunctional armrest significantly increases the machine's productivity.



# Perfect Visibility for High-Precision Work

1 | *The camera's ability to see and display key working areas enhances performance and quality.*

2 | *Operations on job sites at night can be completed effortlessly thanks to optimum lighting.*

Clear visibility quickly proves its worth. The compact milling machine's intelligently designed visibility concept makes the operator's job much easier, resulting in improved milling results.

## ADJUSTABLE WEATHER CANOPY

The weather canopy with extension elements that can be pulled out to the side as well as sliding glass panes at the front and rear offer an ideal view of the surrounding area.

## HIGH-QUALITY CAMERA / MONITOR SYSTEM

The camera / monitor system consists of up to five cameras and a rugged monitor. The monitor displays, for example, the high-resolution image of the cameras at the end of the discharge conveyor showing the loading situation and, below the machine, the area in front of the milling drum housing.

## EFFECTIVE HEADLIGHTS

Numerous intelligently arranged headlights – available in LED versions upon customer request – provide optimum visibility during operations at night.



# Comfortable Operator's Cabin

A wide variety of different equipment features, individual adjustment options, and features that make operating the machine easier significantly enhance operator comfort. The result is maximum productivity on site.

## COMFORT OPERATOR'S SEAT

The ergonomically designed, swiveling comfort seat with seat heater allows the operator to work in a relaxed manner. It also helps provide the operator an excellent view to the side and rear of the machine.

## "WELCOME AND GO HOME" LIGHTING

The access ladder and operator's platform can be brightly illuminated when approaching and walking away from the machine.

## WEATHER PROTECTION

Additional wind and weather protection elements on the operator's platform protect the operator from exposure to rain and wind.

## ADDITIONAL CONTROLS FOR THE GROUND CREW

Practical operating functions can be used to rotate the milling drum for pick changes or to activate scanning in front of the milling drum.

1 | The machine's high standards of comfort enable fatigue-free, productive work.







# Driving and Steering

## Highlights

### AT HOME ON NARROW SECTIONS OF ROAD

Tight spaces, immovable obstacles, and permanent road installations - all a part of day-to-day life on the milling site. It's good to be prepared for situations like this. The W 150 CF / W 150 CFi offers intelligent features to help you achieve your objective without delay. More maneuverability, more control, more speed - for more productivity.

# Fast Maneuvering with High Traction

The W 150 CF / W 150 CFi quickly and effortlessly compensates for unevenness or difficult ground. It can also be quickly relocated from one site to another.

## ELECTRONIC TRACK CHAIN CONTROL

The ISC electronic track chain control system keeps track pad wear to a minimum and ensures the machine has optimum traction on any surface.

## 7.5 KM / H TRAVEL SPEED

The machine's maximum speed of 7.5 km / h ensures that jobs are completed particularly quickly.

1 | *The quadruple pendulum axle quickly and dynamically compensates for unevenness.*

## AUTOMATIC PARALLEL MACHINE ALIGNMENT

The further optimized PTS (parallel to surface) with quadruple pendulum system makes it possible to quickly and reliably adjust the machine's height parallel to the ground and ensure that it is perfectly level. PTS significantly reduces the operator's workload by eliminating the need for manual readjustment.

## "STOP-AND-GO" DISPLAY

The "stop-and-go" system, which can be folded out hydraulically, allows the operator to visually and silently communicate with the truck driver in front.



2 | The compact milling machine always aligns itself parallel to the road surface.



# Light and Maneuverable Machine

The W 150 CF / W 150 CFi is a champion in tight bends, traffic circles, or urban areas, making small turning radii and high-precision milling possible in any job site situation.

## LARGE STEERING ANGLES

The large steering angles to the left and right guarantee small turning circles and thus rapid maneuvering, even in tight spaces.

## PRECISION STEERING

The highly responsive hydraulic steering system allows the operator to steer the machine precisely and smoothly, including via the right-hand multifunctional armrest.

1 | *The large turning angles of all crawler units make tight turning radii possible.*

## LIGHT MACHINE WITH ADDITIONAL WEIGHT

The machine's low net weight and variable ballasting weight of up to 900 kg make a high operating weight, optimum traction, and simplified transport possible.

## INCREMENTAL HEIGHT ADJUSTMENT

The additional height adjustment feature on the left-hand control panel allows the operator to precisely adjust the milling depth in increments of 1 mm or 5 mm.



2 | The machine's maneuverability makes operations on narrow job sites easier.



# Milling and Loading

## Highlights

### **UNPARALLELED MILLING EXPERTISE**

Perfectly engineered WIRTGEN cutting technology. Packed in the milling drum unit of the W 150 CF / W 150 CFi compact milling machine. Perfectly compatible components for reliable and wear-resistant operation. For perfectly flat milled surfaces and maximum machine productivity.



# Impressive Milling Performance in a Variety of Applications

The milling drum unit features a variety of valuable, innovative features, and can achieve milling depths of up to 330 mm.

## RAPID PICK CHANGES

The hydraulically operated milling drum rotation device and pick ejector make it easier to change picks - even when the engine is switched off.

## HYDRAULICALLY LIFTING SIDE PLATES WITH PROACTIVE FLOATING POSITION

Overload sensors on the left and right side plates cause them to lift briefly to prevent them from sinking into soft ground. Screw-on wear protection segments also extend the side plates' service life.

## AUTOMATIC SCRAPER LIFTING

Overload sensors protect the milling drum unit from damage by triggering the scraper to lift briefly, such as to avoid obstacles or uneven ground.

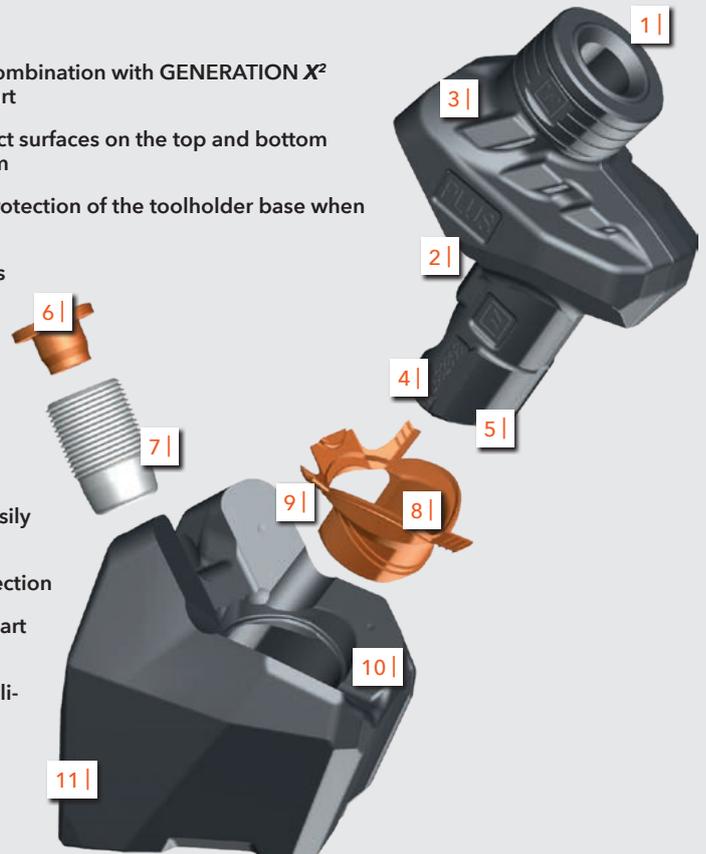
## HT22 TOOLHOLDER SYSTEM

The extremely wear-resistant **HT22** quick-change toolholder system (standard) minimizes downtimes and increases the service life of the entire milling drum.



### HT22 TOOLHOLDER SYSTEM IN DETAIL

- 1 | Innovative centering marks on the tool contact surface in combination with GENERATION X<sup>2</sup> picks for maximum toolholder service life right from the start
- 2 | Significantly larger, more durable, and self-centering contact surfaces on the top and bottom parts significantly extend the service life of the milling drum
- 3 | Increased wear volume in the shoulder section improves protection of the toolholder base when milling abrasive materials
- 4 | Reduced maintenance requirements due to longer intervals between torque inspections of the quick-change toolholder bolts (every 500 hours)
- 5 | Optimized shaft geometry with additional improved thermal processing to withstand extreme stress
- 6 | Protective plug prevents bolt head from getting dirty
- 7 | Heavy-duty retaining bolt
- 8 | Seal between top and bottom part allows top part to be easily removed / inserted
- 9 | Bottom part covers top part completely for maximum protection
- 10 | Extra-large contact surface between top part and bottom part for longer bottom part service life
- 11 | Optimized welded joint with increased strength and flexibility for optimum pick rotation



Dimensions in mm:



W 150 CF / W 150 CFi  
with 1.5 m drum unit



**Milling Drum**  
Milling width: 1,500 mm  
Milling depth: 0 - 330 mm  
Tool spacing: 15 mm



W 150 CF / W 150 CFi  
with 1.8 m drum unit



**Milling Drum**  
Milling width: 1,800 mm  
Milling depth: 0 - 330 mm  
Tool spacing: 18 mm

1 | The W 150 CFi  
with a 1.8 m wide  
milling drum  
achieves increased  
daily output rates.

## COMPLETE FCS PACKAGE FOR FB1500

FB600, FB900, FB1200, and FB1500 milling drums are available as complete FCS packages for the FB1500 milling drum unit. The milling drum can be changed quickly thanks to the easily-accessible right-hand side panel.

## ALTERNATIVE MILLING WIDTH OF 1.8 M

For increased productivity and greater surface coverage, the compact milling machine can be equipped with 1.8 m wide milling drums using a housing extension.



# High Loading Volume with Maximum Flexibility

Maximum performance and outstanding flexibility are also required when transporting the milled material in order to complete the milling process smoothly.

## WIDE CONVEYOR SWING ANGLES

Wide conveyor swing angles of 60° to both sides make it possible to load material even in difficult situations, e.g. in intersections or turning areas.

## TWO CONVEYOR SWING SPEEDS

The discharge conveyor can swing slowly to ensure precise loading of the milled material or quickly to optimize the entire milling process.

## VCS EXTRACTION SYSTEM

VCS improves air quality and visibility in the machine operator's and ground crew's working area. In addition, the optimized design of the VCS suction channel reduces the amount of cleaning required.

## HYDRAULIC FOLDING CONVEYOR

The hydraulic folding conveyor can be folded away quickly for easy transport and to adapt to site conditions.

## QUICK-CHANGE COUPLING

The innovative quick-change coupling ensures that the hydraulic connections can be easily connected when mounting / removing the discharge conveyor.

## INCREASED LOADING PERFORMANCE

A 15% increase in conveyor speed and 28% larger belt cleat profile compared to the previous model significantly improve loading performance.

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1 | High, variable conveyor speed and wide conveyor swing angles ensure that the milled material can be loaded with maximum flexibility.

2 | The wide conveyor swing angle of up to 60° on both sides simplifies milling in narrow spaces.

3 | The folding conveyor reduces the machine's transport length.



Performance and

Productivity Highlights





#### **AT THE TOP OF THE COMPACT CLASS**

The W 150 CF / W 150 CF i is synonymous with maximum productivity. Concentrated power thanks to its high-performance engine and unparalleled flexibility. Optimized by means of efficient automatic functions. And also has the environment in focus - low emission levels protect the operator and the surrounding areas. W 150 CF / W 150 CF i - maximum performance in the compact class.

# Maximum Efficiency for Tremendous Productivity

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The most powerful cold milling machine in the compact class stands out thanks to its impressive engine performance. Its productivity is enhanced further by features tailored to site requirements.

## **IMPRESSIVE ENGINE PERFORMANCE**

The state-of-the-art diesel engine offers tremendous engine power with high maximum torque. This guarantees rapid, productive operations, even at the maximum milling depth.

## **THREE DIFFERENT MILLING DRUM SPEEDS**

Three different milling drum speeds make it possible to achieve unparalleled milling performance in a wide range of applications.

## **HYDRAULIC UNIT**

The extended electrohydraulic unit powers features such as the milling drum rotation device, the pick ejector when the engine is switched off, and emergency functions, increasing the machine's flexibility on the job site.

## **AUTOMATIC WATER INJECTION**

The amount of water injected to cool the picks increases automatically relative to the increase in engine load. Water consumption can also be directly adjusted electrically from the operator's platform.

## **REDUCED OPERATOR INTERVENTION**

The WIDRIVE machine control system offers numerous automated features to make the operator's daily work easier. In addition, WIDRIVE pays for itself through lower diesel consumption and increased daily output rates.

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1 - 2 | The WIDRIVE machine control system and the compact milling machine's simple operating concept result in high daily output rates.



# Low Environmental Emissions

Low diesel consumption and low noise levels protect both the operator and the environment. Ultimately, the environmentally friendly machine technology used in the W 150 CF / W 150 CFi cuts costs and enhances operator performance.

## TWO ENGINE MODELS

The engine technology used in the W 150 CF meets EU Stage 3a / US EPA Tier 3 emissions standards. The W 150 CFi meets the stringent requirements of the EU Stage 5 emissions standard.

1 | *The engine used in the W 150 CFi is equipped with an oxidation catalytic converter and an SCR catalytic converter for effective exhaust gas purification.*

## OPTIONAL BUILT-IN DIESEL PARTICULATE FILTER

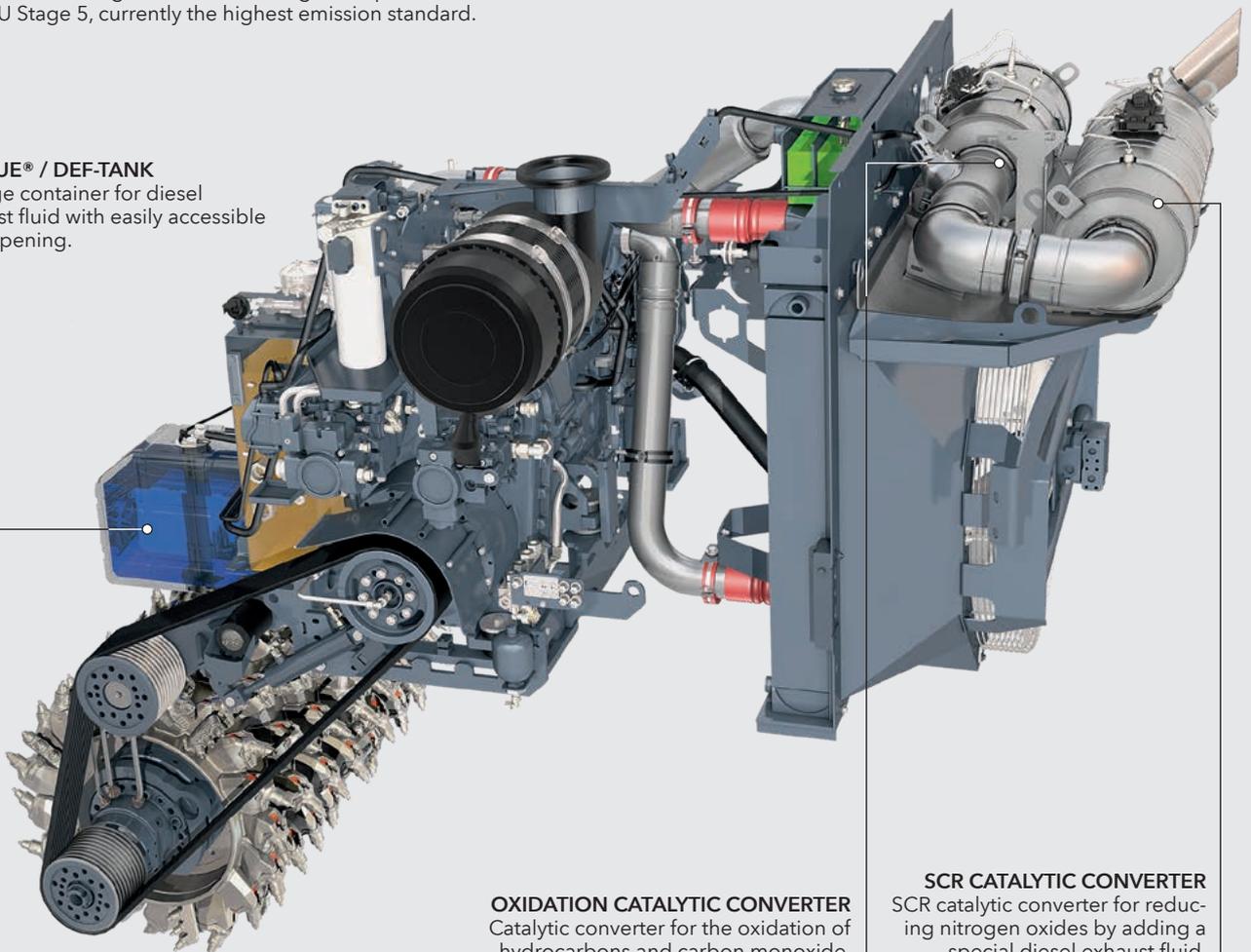
The optional diesel particulate filter that can be equipped during the initial configuration of the W 150 CFi fulfills even more stringent exhaust gas requirements, if required.

## MINIMAL NOISE LEVEL

Optimized machine settings and more effective noise insulation significantly reduce noise emissions. The cooling system with temperature-controlled fan speed also helps reduce noise emissions.

1 | **W 150 CFi EXHAUST AFTERTREATMENT**  
The diesel engine meets the stringent requirements of the EU Stage 5, currently the highest emission standard.

**ADBLUE® / DEF-TANK**  
Storage container for diesel exhaust fluid with easily accessible filler opening.



**OXIDATION CATALYTIC CONVERTER**  
Catalytic converter for the oxidation of hydrocarbons and carbon monoxide.

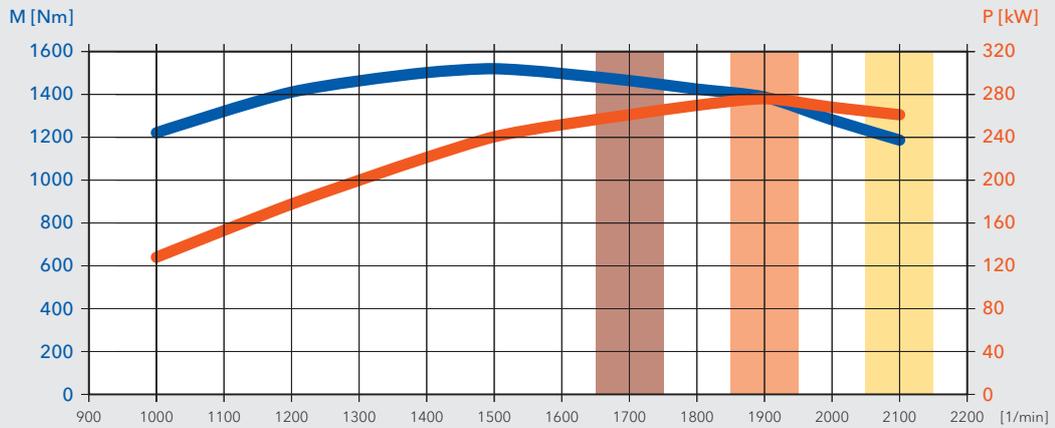
**SCR CATALYTIC CONVERTER**  
SCR catalytic converter for reducing nitrogen oxides by adding a special diesel exhaust fluid.

2 | Excellent access to components makes servicing the machine easy.

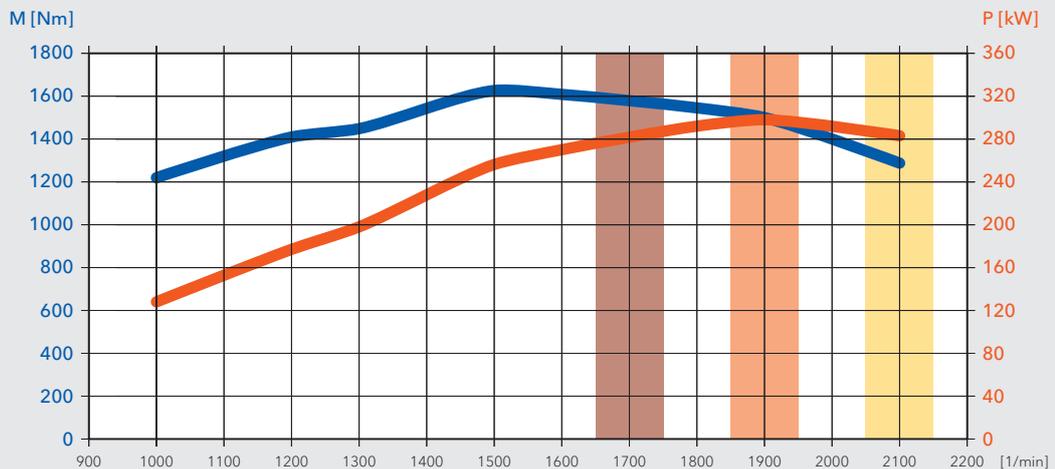
3 | The sharp increase in torque guarantees outstanding milling performance.



3 | W 150 CF (EU STAGE 3a / US EPA TIER 3) ENGINE CHARACTERISTICS



W 150 CF i (EU STAGE 5) ENGINE CHARACTERISTICS



— Engine power  
— Torque

■ Engine speed = 1,700 rpm   ■ Engine speed = 1,900 rpm   ■ Engine speed = 2,100 rpm

# Technical Specifications

## W 150 CF | W 150 CFi

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	W 150 CF	W 150 CFi
<b>Milling Drum</b>		
Standard milling width	1,500 mm	
Optional milling width	1,800 mm	
Milling depth* <sup>1</sup>	0 - 330 mm	
Cutting diameter	980 mm	
<b>Engine</b>		
Manufacturer	CUMMINS	CUMMINS
Type	QSL 9	QSL 9
Cooling	Water	Water
Number of cylinders	6	6
Rated power at 2,100 rpm	261 kW / 350 hp / 355 PS	283 kW / 380 hp / 385 PS
Maximum power at 1,900 rpm	276 kW / 370 hp / 375 PS	298 kW / 400 hp / 405 PS
Operating power at 1,600 rpm	250 kW / 335 hp / 340 PS	270 kW / 362 hp / 367 PS
Displacement	8.9 l	8.9 l
Fuel consumption at rated power   at mix of job site operations	72 l / h   29 l / h	75 l / h   30 l / h
Sound power level in accordance with EN 500-2, engine   operator's platform	≤ 105 dB(A)   ≥ 86 dB(A)	≤ 105 dB(A)   ≥ 83 dB(A)
Emissions standard	EU Stage 3a / US EPA Tier 3	EU Stage 5
<b>Electrical System</b>		
Power supply	24 V	
<b>Tank Capacities</b>		
Fuel tank	810 l	
AdBlue® / DEF* <sup>2</sup>	-	50 l
Hydraulic oil	120 l	
Water	2,250 l	
<b>Driving Performance</b>		
Max. milling speed	0 - 40 m / min (2.4 km / h)	0 - 40 m / min (2.4 km / h)
Max. travel speed	0 - 125 m / min (7.5 km / h)	0 - 125 m / min (7.5 km / h)
<b>Crawler Units</b>		
Track chains front / back (L x W x H)	1,330 x 260 x 550 mm	
<b>Loading of Milled Material</b>		
Belt width of primary conveyor	650 mm	
Belt width of discharge conveyor	600 mm	
Theoretical capacity of discharge conveyor	233 m <sup>3</sup> / h	

\*<sup>1</sup> = The maximum milling depth may deviate from the value indicated due to tolerances and wear.

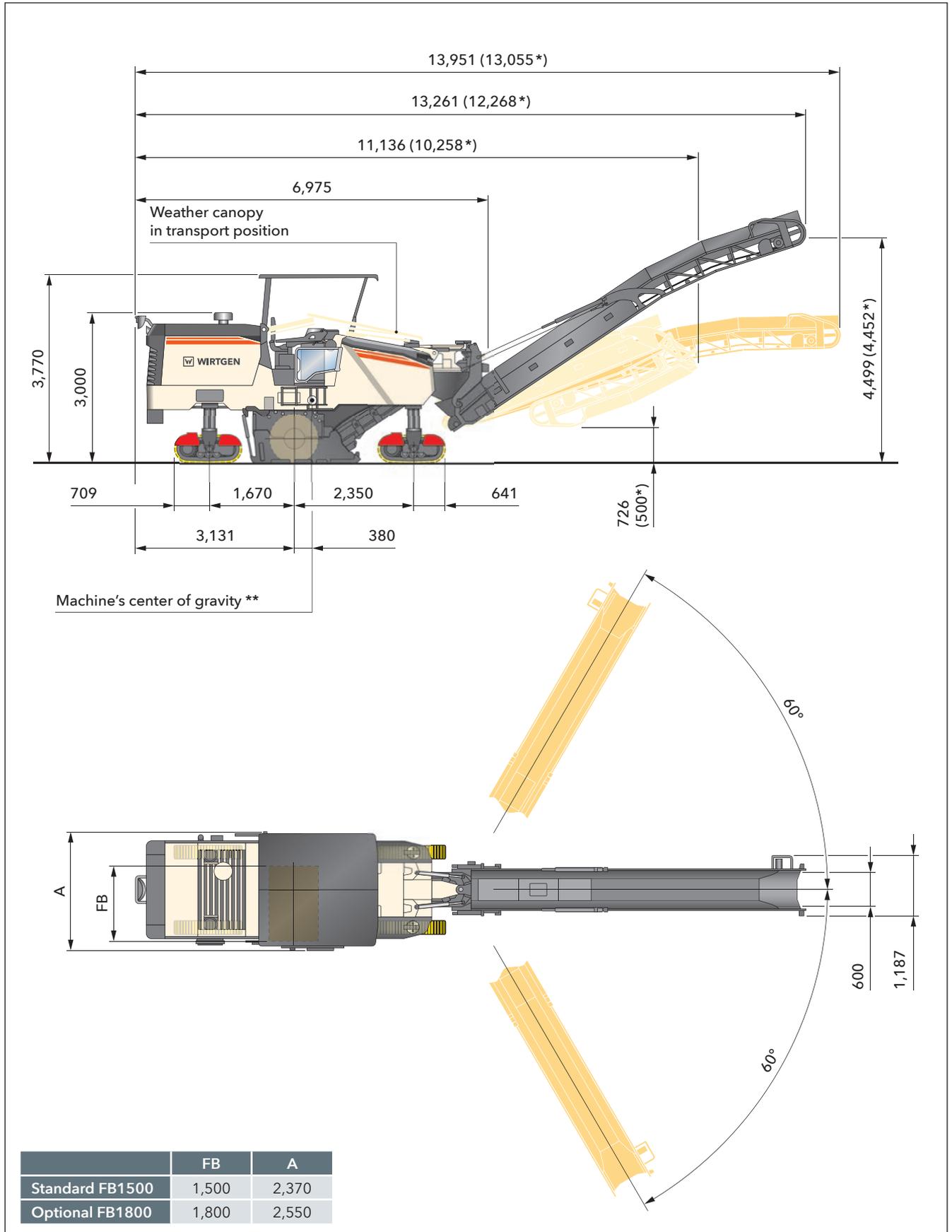
\*<sup>2</sup> = AdBlue® is a registered trademark of the German Association of the Automotive Industry (VDA).

	W 150 CF	W 150 CFi
<b>Weight of Basic Machine</b>		
Empty weight of machine without fluids	19,000 kg	19,300 kg
Operating weight, CE * <sup>3</sup>	20,550 kg	20,850 kg
Maximum operating weight (full tanks, full range of equipment)	24,850 kg	25,200 kg
<b>Weight of Tank Contents</b>		
Water	2,250 kg	2,250 kg
Fuel (0.83 kg / l)	670 kg	670 kg
AdBlue® / DEF * <sup>2</sup> (1.1 kg / l)	-	55 kg
<b>Additional Weight</b>		
<b>Operator and Tools</b>		
Machine operator		75 kg
5 pick containers		125 kg
Vehicle tool kit		30 kg
<b>Optional Milling Drum Units Instead of Standard</b>		
Milling drum housing FB1500 FCS-L		270 kg
Milling drum housing FB1500 FCS		380 kg
Milling drum housing FB1800 FCS-L		800 kg
<b>Optional Milling Drums Instead of Standard</b>		
FB1500 FCS milling drum, <b>HT22</b> LA15 with 136 picks		20 kg
FCS milling drum FB1500, <b>HT22</b> LA18 with 118 picks		-70 kg
FCS milling drum FB1500, <b>HT22</b> LA8 with 210 picks		380 kg
FCS milling drum FB1500, <b>HT5</b> LA6X2 with 512 picks		450 kg
FCS milling drum FB1500, <b>HT22</b> LA25 with 102 picks		-400 kg
FCS milling drum FB1800, <b>HT22</b> LA18 with 135 picks		190 kg
<b>Optional Additional Equipment</b>		
Weather canopy instead of standard		450 kg
Hydraulic short folding conveyor instead of standard		-45 kg
VCS extraction system		125 kg
Leveling boom		250 kg
Additional weight at the rear		900 kg

\*<sup>3</sup> = Machine weight, half-full tanks, vehicle tool kits, machine operator, excluding optional equipment

# Dimensions

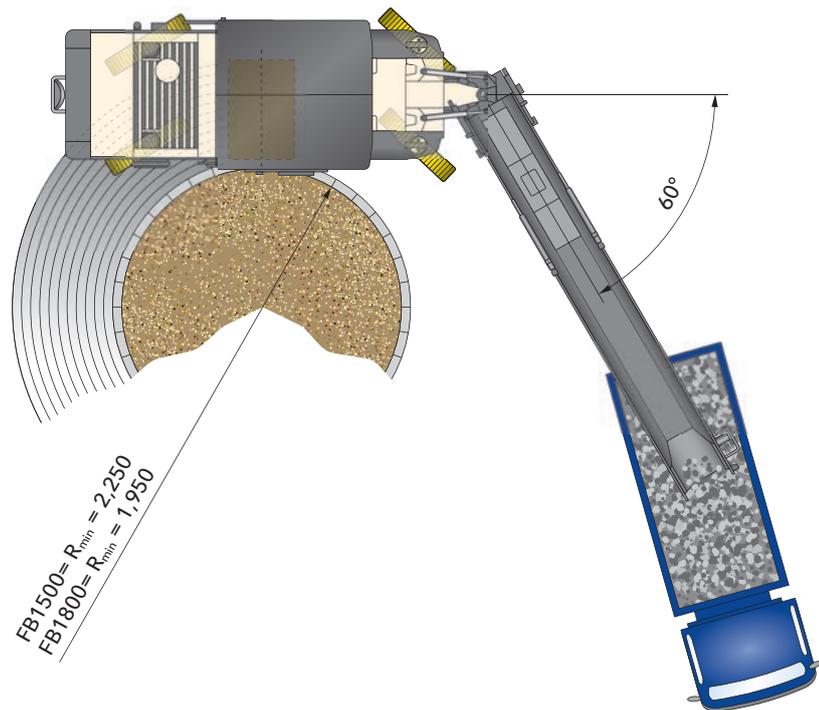
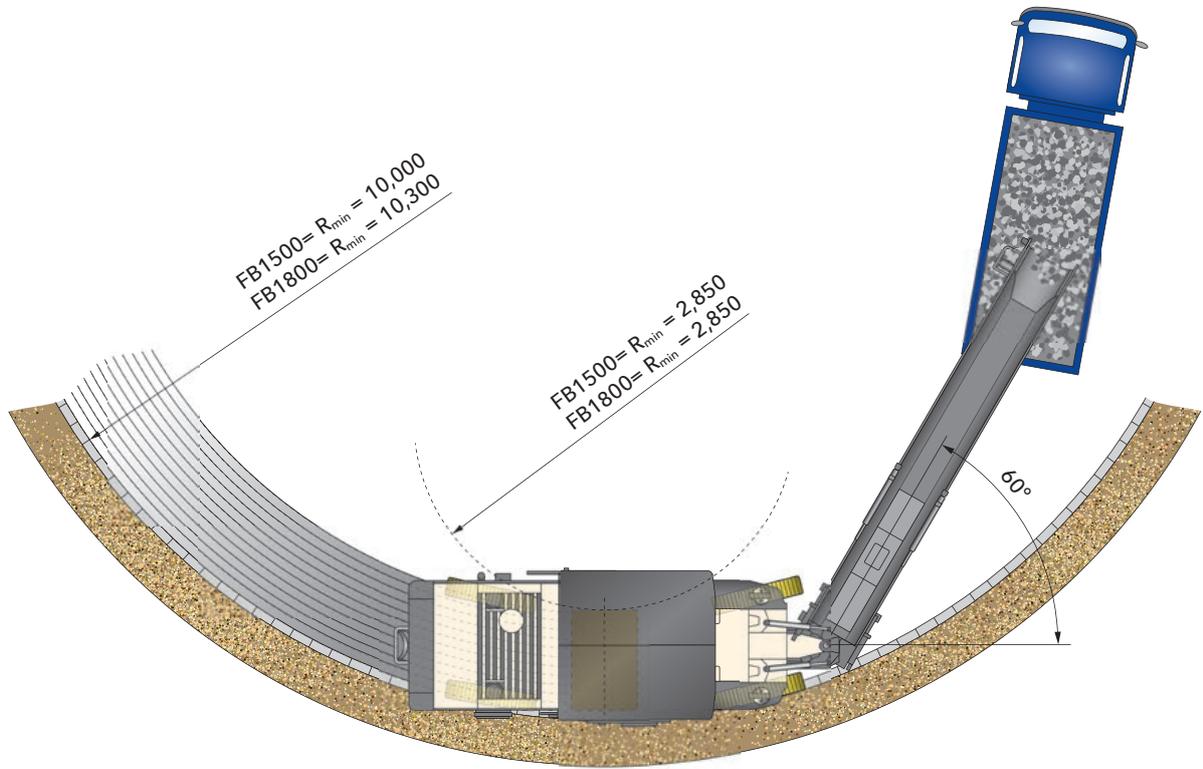
## W 150 CF | W 150 CFi



Dimensions in mm

\* = Short folding discharge conveyor

\*\* = Based on operating weight, CE with conveyor folded out



Milling radius, milling depth 150 mm, dimensions in mm

# Standard Equipment

## W 150 CF | W 150 CFi

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	W 150 CF	W 150 CFi
<b>Basic Machine</b>		
Base machine with engine	■	—
Base machine with engine including exhaust gas aftertreatment according to EU Stage 5 consisting out of a diesel oxidation catalyst (DOC) and a diesel particulate filter (DPF)	—	■
Machine chassis with wasp waist on the right side (zero edge)	■	■
Electrohydraulically opening engine cowling	■	■
Radiator with temperature-dependent fan speed	■	■
Additional control switch for scraper blade, bottom right	■	■
Elastically mounted engine station with low vibration and low noise	■	■
Three milling drum rotation speeds with electric on / off function 106 r.p.m. - 96 r.p.m. - 86 r.p.m.	■	■
Air compressor system	■	■
<b>Milling Drum Unit</b>		
The right-hand side of the milling drum housing can be easily opened for maintenance or drum change	■	■
Hydraulic material depressor with conveyor lifting function	■	■
Hydraulically opening scraper plate with convenience locking	■	■
Exchangeable wearing segments on the side plate	■	■
Milling drum housing FB1500	□	□
<b>Milling Drums</b>		
Milling drum FB1500 <b>HT22</b> LA15 with 136 picks	□	□
<b>Loading of the Milled Material</b>		
Discharge conveyor slewing angle left 60 degrees - right 60 degrees	■	■
Hydraulically foldable discharge conveyor with two swing speeds, including adjustable conveyor speed for precise loading	■	■
Machine with hydraulic standard coupling for the discharge conveyor	□	□
Discharge conveyor, 8,150 mm long, 600 mm wide, with hydraulic folding device	□	□
<b>Machine Control and Leveling System</b>		
<b>LEVEL PRO PLUS</b> leveling system right and left	■	■
RAPID SLOPE cross-slope sensor for <b>LEVEL PRO ACTIVE</b> leveling system	■	■
Load-dependent advance control	■	■
4-track drive with manually activated, electronic anti-slip control	■	■
4 selectable steering modes	■	■
Automatic engine speed control	■	■

- = Standard equipment
- = Standard equipment, can be replaced with optional equipment if desired
- = Optional equipment

	W 150 CF	W 150 CF i
<b>Operator's Platform</b>		
Convenient control panel with practical switches	■	■
Multifunctional armrest including color operating display for one-handed operation of most machine functions	■	■
Digital multi-function display for all important operating conditions	■	■
Scraper height indicator on control panel	■	■
Operating panel nighttime lighting	■	■
Robust anti-vandalism protection for the controls	■	■
Adjustable steering wheel position	■	■
Optimally positionable operator's seat	■	■
Footstep right and left with conveniently folding ladder	■	■
Two mirrors front, one mirror middle and one mirror in rear area of the machine	■	■
Standard operator's seat	□	□
<b>Track Unit and Height Adjustment</b>		
Jog mode for height adjustment	■	■
Fourfold full-floating axle for high machine stability	■	■
PTS - automatic alignment of the machine parallel to the pavement surface	■	■
ISC - intelligent track speed control including hydraulic four-track drive	■	■
Reversing with the milling drum rotating. Simple and fast maneuvering	■	■
Equipped with extremely wear-resistant 2-piece polyurethane track pads	■	■
<b>Miscellaneous</b>		
Automatic water management	■	■
Large tool package	■	■
Generously sized water and diesel tanks	■	■
Total of 3 EMERGENCY STOP switches at sensible positions on the machine	■	■
"Welcome" and "Go home" lights feature including LED lighting in the area of the operator's platform and access	■	■
Pre-fitting for installing the WITOS FleetView control unit	■	■
European type certification, EuroTest mark and CE conformity	■	■
Standard painting in RAL 9001 (cream)	□	□
WITOS FleetView - professional telematics solution for machine operation and service optimization	□	□
Halogen / LED lighting system including rotating beacon	□	□
Electrohydraulic unit	□	□

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# Optional Equipment

## W 150 CF | W 150 CFi

	W 150 CF	W 150 CFi
<b>Milling Drum Unit</b>		
Milling drum housing FB1500 FCS-L	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum housing FB1500 FCS	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum housing FB1800 FCS-L	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum housing FB1200 FCS	<input type="checkbox"/>	<input type="checkbox"/>
Overload sensor on the scraper	<input type="checkbox"/>	<input type="checkbox"/>
Active floating position for the side plates, left and right	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum rotation device	<input type="checkbox"/>	<input type="checkbox"/>
<b>Milling Drums</b>		
FCS milling drum FB1500 <b>HT22</b> LA15 with 136 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 <b>HT22</b> LA18 with 118 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1800 <b>HT22</b> LA18 with 135 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1200 <b>HT22</b> LA15 with 109 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1200 <b>HT22</b> LA8 with 174 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1200 <b>HT5</b> LA6X2 with 410 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1200 <b>HT22</b> LA25 with 87 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 <b>HT22</b> LA8 with 210 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 <b>HT5</b> LA6X2 with 512 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 <b>HT22</b> LA25 with 102 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1800 <b>HT22</b> LA8 with 248 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1800 <b>HT5</b> LA6X2 with 608 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1800 <b>HT22</b> LA25 with 114 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling unit FB600 <b>HT22</b> LA12 with 79 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling unit FB900 <b>HT22</b> LA15 with 102 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling unit FB1200 <b>HT22</b> LA15 with 109 picks	<input type="checkbox"/>	<input type="checkbox"/>
<b>Loading of the Milled Material</b>		
Machine with hydraulic quick-change coupling for the discharge conveyor	<input type="checkbox"/>	<input type="checkbox"/>
Shortened discharge conveyor, 7,250 mm long, 600 mm wide, with hydraulic folding device	<input type="checkbox"/>	<input type="checkbox"/>
VCS extraction system	<input type="checkbox"/>	<input type="checkbox"/>
Additional storage compartment on the discharge conveyor	<input type="checkbox"/>	<input type="checkbox"/>
<b>Machine Control and Leveling System</b>		
Additional control unit for operating the machine from the ground, left	<input type="checkbox"/>	<input type="checkbox"/>
SONIC SKI sensor for <b>LEVEL PRO PLUS</b> leveling system	<input type="checkbox"/>	<input type="checkbox"/>
Scanning in front of the milling drum unit	<input type="checkbox"/>	<input type="checkbox"/>
Additional operating display <b>LEVEL PRO PLUS</b>	<input type="checkbox"/>	<input type="checkbox"/>
Multiplex pre-fitting comprising 4 sensor sockets and holder	<input type="checkbox"/>	<input type="checkbox"/>

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	W 150 CF	W 150 CFi
<b>Machine Control and Leveling System</b>		
3-way multiplex system, right, including 2 ultrasonic sensors	<input type="checkbox"/>	<input type="checkbox"/>
3-way multiplex system, right and left, including 4 ultrasonic sensors	<input type="checkbox"/>	<input type="checkbox"/>
Level control 3D leveling pre-equipment	<input type="checkbox"/>	<input type="checkbox"/>
Basic equipment laser leveling without laser transmitter	<input type="checkbox"/>	<input type="checkbox"/>
Milling depth measurement and display in the <b>LEVEL PRO PLUS</b> display	<input type="checkbox"/>	<input type="checkbox"/>
Job data acquisition in the control display	<input type="checkbox"/>	<input type="checkbox"/>
<b>Operator's Platform</b>		
Comfort operator's seat incl. seat heating	<input type="checkbox"/>	<input type="checkbox"/>
Weather canopy with electro-hydraulic fold-down feature	<input type="checkbox"/>	<input type="checkbox"/>
Operator's platform heater	<input type="checkbox"/>	<input type="checkbox"/>
<b>Track Unit and Height Adjustment</b>		
Increased traveling speed (up to 7.5 km / h)	<input type="checkbox"/>	<input type="checkbox"/>
Precision steering by pushbuttons	<input type="checkbox"/>	<input type="checkbox"/>
<b>Miscellaneous</b>		
Standard film coating in RAL 9001 (cream)	<input type="checkbox"/>	<input type="checkbox"/>
Film coating according to the customer's wishes	<input type="checkbox"/>	<input type="checkbox"/>
Model without WITOS FleetView	<input type="checkbox"/>	<input type="checkbox"/>
High-power lighting system LED including rotating beacon	<input type="checkbox"/>	<input type="checkbox"/>
Extended electro-hydraulic unit	<input type="checkbox"/>	<input type="checkbox"/>
Additional weight 900 kg	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum assembly trolley to FB1500	<input type="checkbox"/>	<input type="checkbox"/>
Electrical fuel filter preheating	—	<input type="checkbox"/>
Signal lights for visual "stop" and "go" instructions for the truck driver	<input type="checkbox"/>	<input type="checkbox"/>
Pre-equipped for LED lighting balloons	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic filling pump for water tank	<input type="checkbox"/>	<input type="checkbox"/>
Powerful high-pressure water cleaner, 150 bar, 15 l / min	<input type="checkbox"/>	<input type="checkbox"/>
Pneumatic hammer with pick extractor / inserter	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulically driven pick extractor drift	<input type="checkbox"/>	<input type="checkbox"/>
Additional folding seat for pick change with storage compartment	<input type="checkbox"/>	<input type="checkbox"/>
Diesel tank filling pump with 5.00 m suction hose	<input type="checkbox"/>	<input type="checkbox"/>
Monitor system with 2 cameras and screen	<input type="checkbox"/>	<input type="checkbox"/>
Monitor system with 5 cameras and 2 screens	<input type="checkbox"/>	<input type="checkbox"/>
LED lighting balloon, 24 volt	<input type="checkbox"/>	<input type="checkbox"/>
Licence plate holder with LED lighting	<input type="checkbox"/>	<input type="checkbox"/>
Large storage compartment at the rear of the machine	<input type="checkbox"/>	<input type="checkbox"/>

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