

Professional Machine for Cost-Efficient Milling Applications

COLD MILLING MACHINE W 195 P



PROFESSIONAL MACHINE FOR COST-EFFICIENT MILLING APPLICATIONS

The **compact 2.0-meter-class large milling machine** is easy to operate and offers a wide range of applications from surface layer rehabilitation and full-depth pavement removal to fine milling work.

In combination with wide variety of sensors, the fully integrated **LEVEL PRO ACTIVE** leveling system fulfills the highest standards for the required evenness.

In automatic mode, the innovative **MILL ASSIST** machine control system always sets the most favorable balance between performance and costs and also allows the selection of operating strategies for the optimization of costs, performance, or quality.

Thanks to an extremely simple operating concept and numerous automatic and assistance functions, it enables the efficient realization of **high daily production rates**.

A large number of innovative features significantly reduce fuel consumption and pick wear, and thus effectively contribute to **increased sustainability and the minimization of CO₂ emissions**.



WIRTGEN COLD MILLING MACHINES



SMALL MILLING MACHINES

- > Milling width up to 1,300 mm
- > Milling depth up to 300 mm

COMPACT MILLING MACHINES

- > Milling width up to 1,900 mm
- > Milling depth up to 330 mm

LARGE MILLING MACHINES

- > Milling width up to 4,400 mm
- > Milling depth up to 350 mm

OVERVIEW OF HIGHLIGHTS

Perfectly Equipped

OPERATING

01 Outstanding Comfort for the Operator

- > Vertically adjustable weather canopy
- > Powerful LED Lighting
- > 7" control panel for convenient display of important information
- > High-quality camera/monitor system with two cameras on the 7" control panel
- > 5" control panel for leveling
- > Mobile phone holder with inductive charging function

02 Innovative MILL ASSIST

- > **MILL ASSIST** automatic mode for maximum cost-efficiency
- > Additional pre-selection of the operating strategy in automatic mode
- > Clear pre-selection of consistent milling pattern quality
- > Innovative efficiency indicator

03 Intuitive Assistance Systems

- > Active Floating Position
- > Active Second Cut
- > Active Transport Control
- > Active Lift Over
- > Active Lift Up
- > Parallel to Surface (PTS)

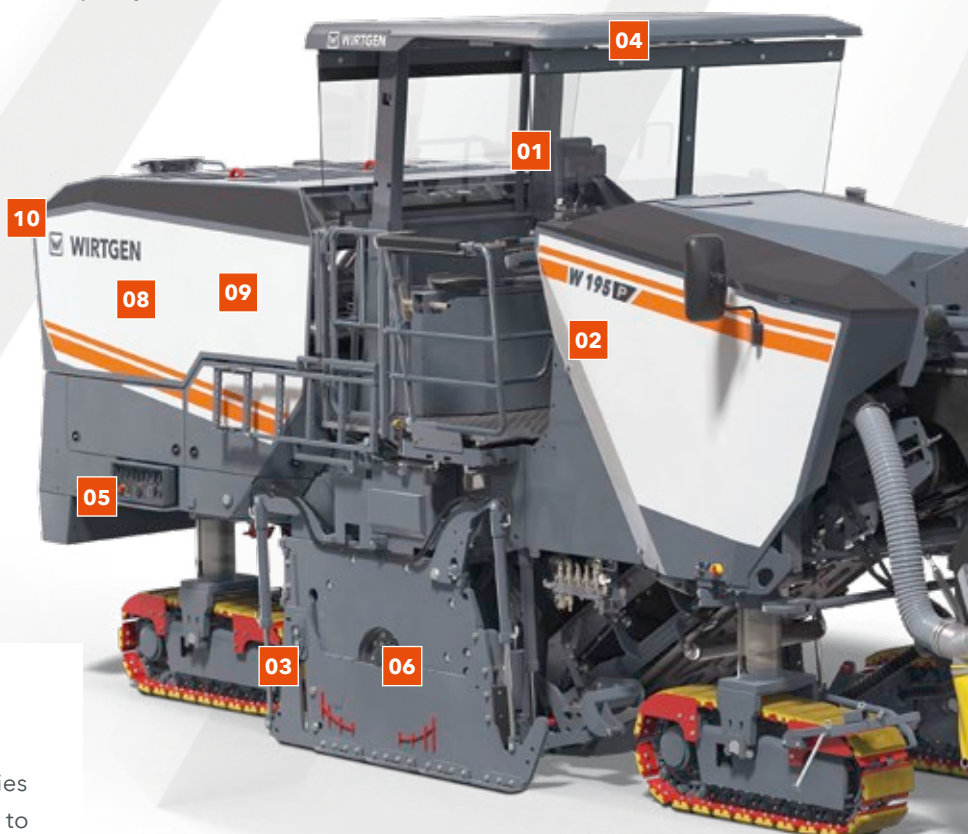
QUALITY

04 Outstanding Reliability

- > Intuitive on-board inspection tools
- > Pioneering diagnostics concept
- > Reliable vandalism protection
- > Time-saving service and maintenance concept

05 Precise and Versatile **LEVEL PRO ACTIVE** Leveling System

- > Innovative **LEVEL PRO ACTIVE** leveling system
- > RAPID SLOPE sensor
- > Improved Multiplex system
- > Copy Slope sensor
- > Milling Depth Indicator (MDI)
- > Improved 3D and laser leveling



WIRTGEN
SUSTAINABILITY

WIRTGEN SUSTAINABILITY signifies technologies and solutions that make a positive contribution to the sustainability goals of the WIRTGEN GROUP.

MILLING AND LOADING

06 Unparalleled Cutting Technology

- > Extremely wear-resistant **HT22** quick-change toolholder system
- > New **HT22 PLUS** toolholder upper part with extended service life
- > Large scraper lift
- > Program for protection of edge rings when milling in bends

07 Flexible Material Loading

- > Extremely large conveyor slewing angle of 65° to the left and right
- > Integrated water sprinkler system on the front discharge conveyor
- > "Booster" function for longer discharge trajectory
- > Smart conveyor speed control

PERFORMANCE

08 Maximum Milling Performance

- > Powerful diesel engine
- > ISC - Intelligent Speed Control for maximum traction
- > Fast machine height adjustment
- > Four-fold full-floating axle for optimum machine stability
- > "Power" operating strategy for maximum milling performance



COST-EFFICIENCY AND SUSTAINABILITY

09 Reduced Fuel Consumption - Active Minimization of CO₂ Emissions

- > Increased range of usable milling drum speeds
- > Maximum utilization of engine power output in the low speed range
- > ECO operating strategy for minimal consumption
- > Engine start-stop from the exterior control panel with filling level indicator and clock

10 Environmentally Compatible Machine Technology

- > Maximum exhaust gas purification for low exhaust emissions
- > Fuel-saving, low-noise dual fan concept
- > Efficient water management
- > Improved VCS extraction system
- > Reduced noise emissions during relocation

OUTSTANDING COMFORT ON THE OPERATOR'S PLATFORM

01



Everything in View
Smart all-round visibility concept

Optimal Adaptation to Site Conditions
Hydraulically height-adjustable weather canopy

Particularly Powerful LED Lighting System

The W 195 P is equipped with particularly powerful LED working lights installed at various locations on the machine, operator's platform lighting, and a "Welcome-and-Go-Home" light for convenient access to the platform. Additional on-board features include control panel illumination, lighting for the milling drum assembly, and additional working lights for changing picks. These provide optimum lighting in darkness, low light, and poor visibility.

Variable, Vertically Adjustable Weather Canopy

The hydraulically height-adjustable weather canopy can be individually adjusted depending on the respective operating and weather conditions. The height of the canopy can be adjusted at the touch of a button during milling operations, e.g. to avoid low-hanging branches on tree-lined streets. The outer roof shells can be moved separately to provide additional protection in rainy weather.

Mobile Phone Holder with Inductive Charging Function

The integrated mobile phone holder not only keeps the phone within the operator's reach at all times but also features an inductive charging function for the phone.

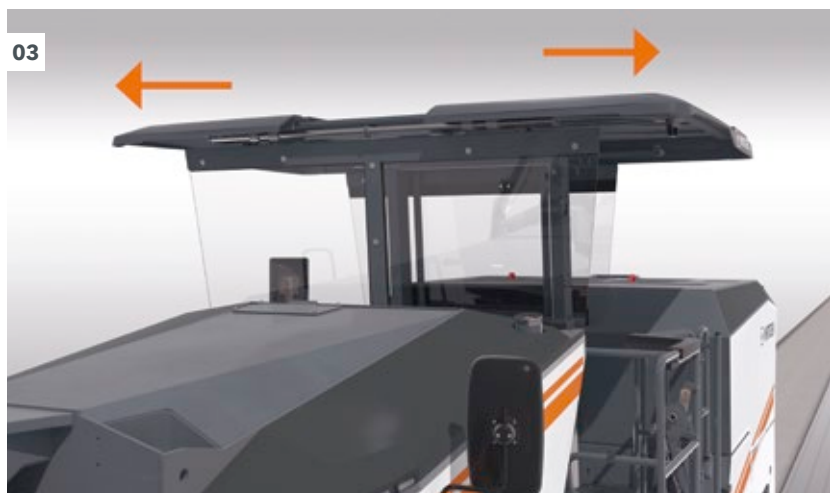
01 Ergonomically designed operator's platform.

02 Height-adjustable weather canopy in transport position.

03 Weather canopy raised to maximum height and extended to the sides.

04 Weather canopy can be individually set to any intermediate position at the press of a button.

05 The W 195 P is the ideal choice for working on construction sites with restricted space, e.g. on tree-lined streets.



OUTSTANDING COMFORT ON THE OPERATOR'S PLATFORM

7" Control Panel for Convenient Display of Important Information

The 7" control panel on the operator's platform provides comprehensive and clearly laid-out information. The 7" control panel features, for example, the following displays: machine load status, temperatures, hydraulic pressures, fuel and water fill levels, leveling control, status and diagnostic messages, and general information such as the current time.

High-Quality Camera / Monitor System with Two Cameras on the 7" Control Panel

The views from the two cameras of the camera/monitor system

are displayed on the 7" control panel on the operator's platform. The ruggedized camera/monitor systems provide the machine operator with a direct view of all important working areas, such as the loading of material onto trucks or the area behind the machine.

5" Control Panel for Leveling

In order to perform leveling operations with the **LEVEL PRO ACTIVE** leveling system, up to two additional 5" control panels for the ground crew can be mounted on the left and right sides of the machine.





03 Two-Camera / Monitor System: rear-view camera / material loading camera



A 7" control panel with view area behind the machine

B 7" control panel with view loading of material

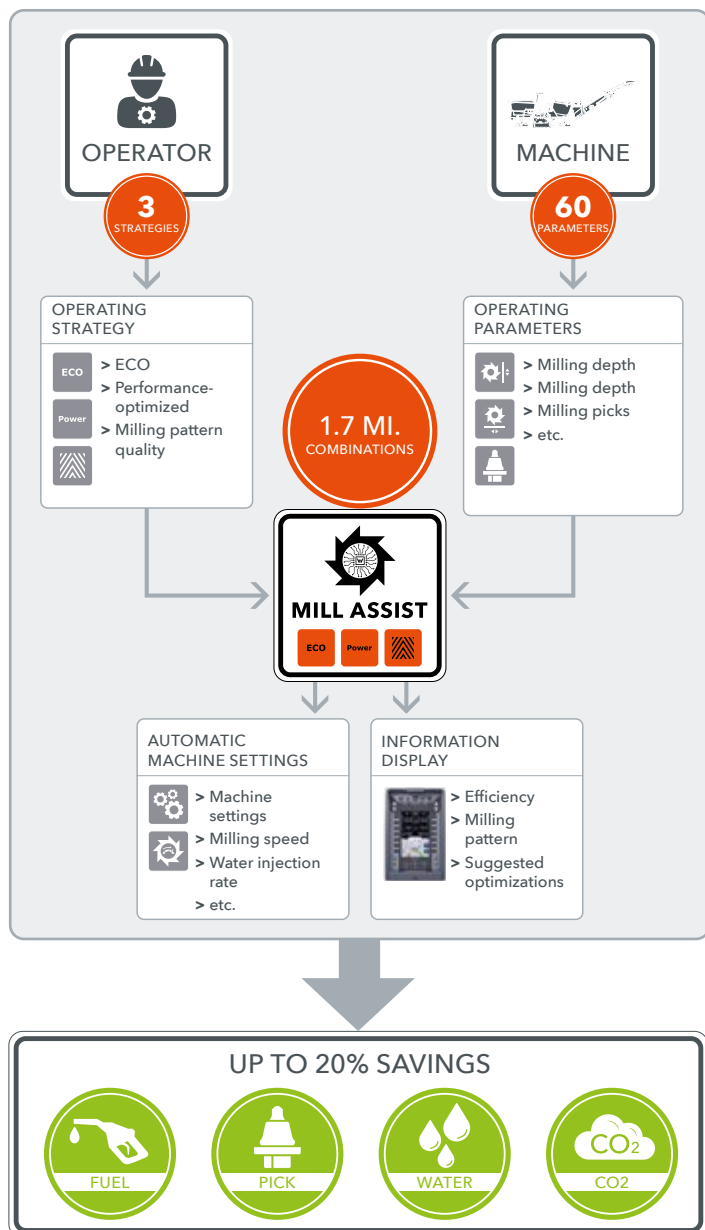


01 The laterally repositionable 7" control panel provides comprehensive and clearly laid-out information.

02 Optional 5" control panel for displaying leveling information to the ground crew.

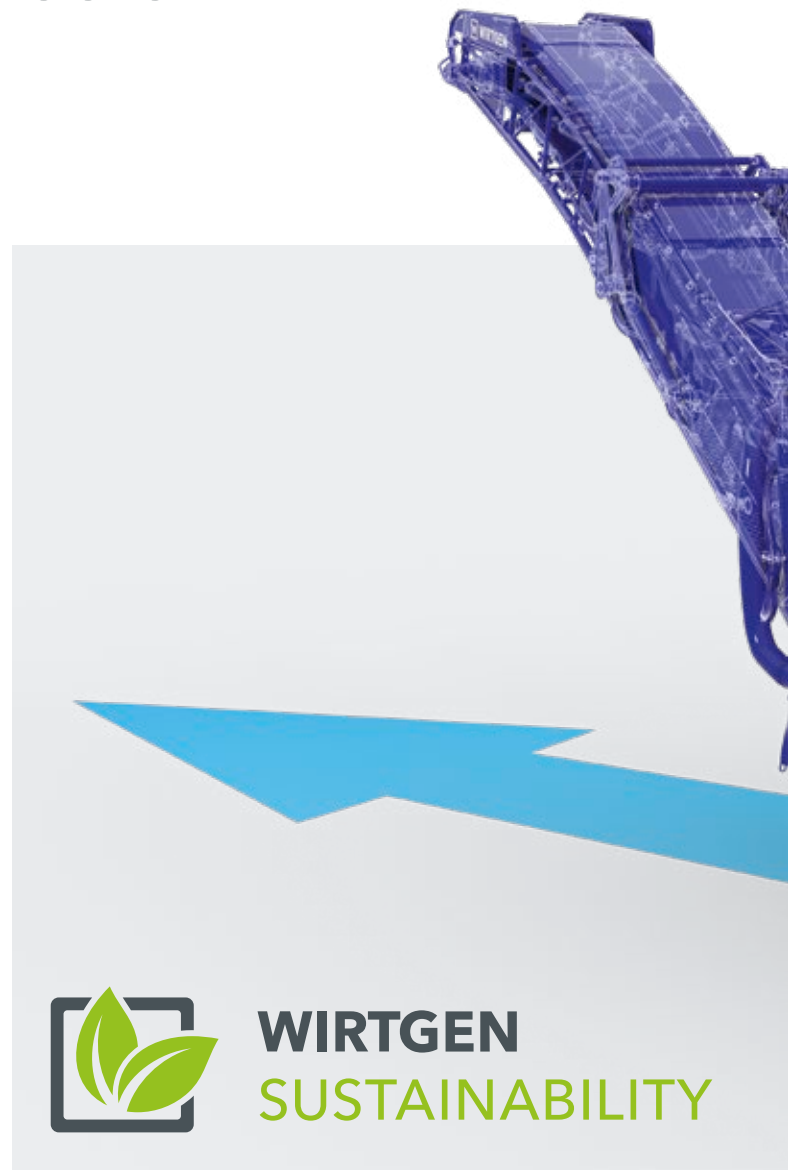
03 Separate two-camera / monitor system with split screen display.

INNOVATIVE MILL ASSIST



MILL ASSIST Automatic Mode for Maximum Cost-Efficiency

In automatic mode, the innovative **MILL ASSIST** machine control system always selects the operating strategy with the best balance between performance and costs. The process is then optimized by automatic adjustment of the diesel engine and milling drum speeds, the advance drive, the water system, and



the machine's advance rate. This leads to an enormous reduction of the operator's workload, improved machine performance and significantly reduced fuel consumption, CO₂ emissions, pick wear, and noise emissions.

Additional Pre-Selection of the Operating Strategy in Automatic Mode

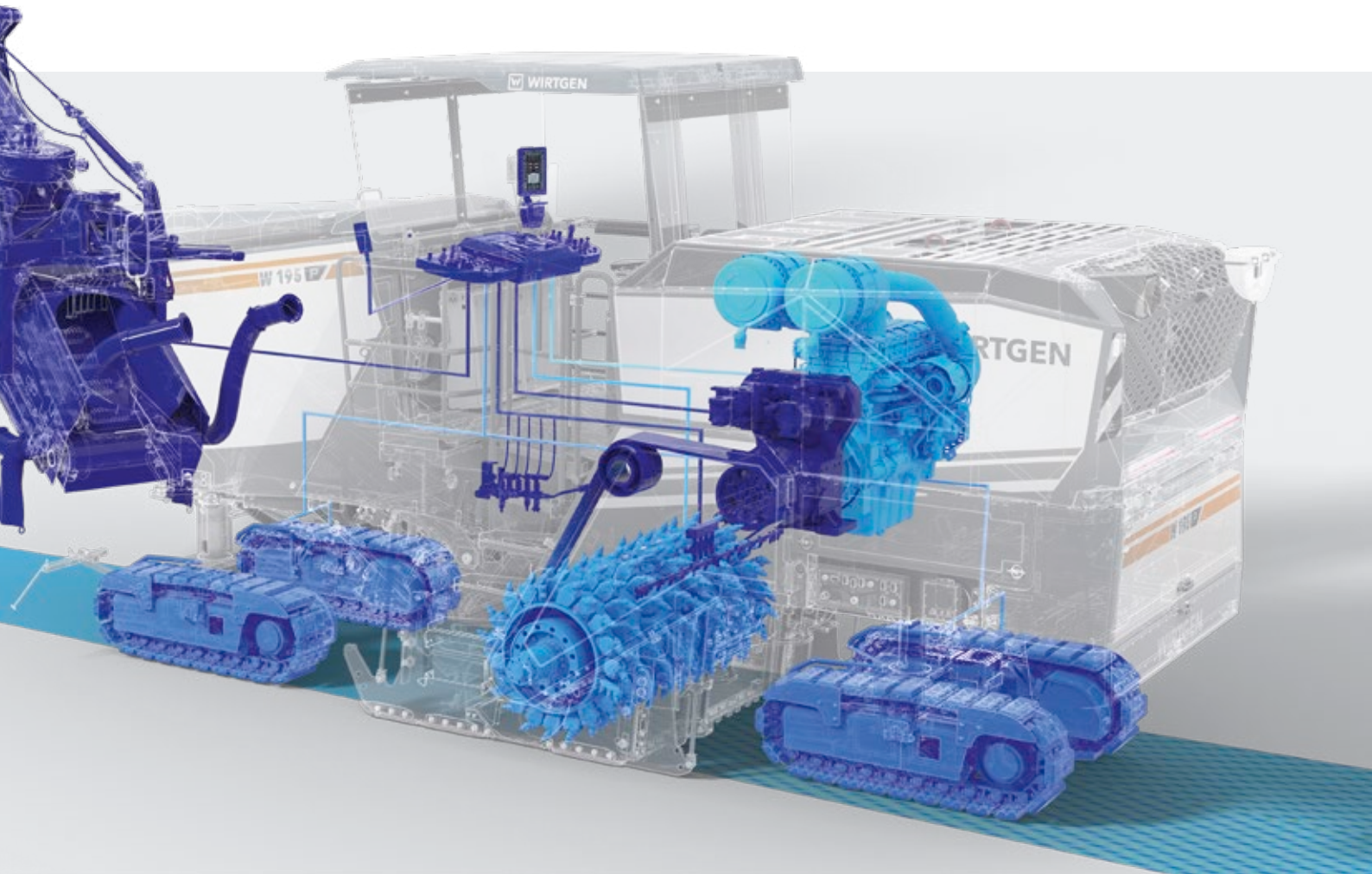
The operator can also pre-select one of the three operating strategies "ECO," "performance-optimized," or "milling pattern quality" for the upcoming application. The machine then automatically regulates the main setting parameters according to the working strategy.

MILL ASSIST

Efficient automatic milling

Three Strategy Presets

Optimal setting of machine parameters



Clear Pre-Selection of Consistent Milling Pattern Quality

The required quality of the milled surface can be preset by simple pre-selection of a quality value on a scale from 1 to 10. This automatically sets the milling drum speed and the milling speed under consideration of the milling drum type being used.

Innovative Efficiency Indicator

An efficiency indicator keeps the machine operator constantly informed about the working status. Changes to the milling parameters that could potentially improve efficiency are also displayed on the control panel.

WIRTGEN > GOOD TO KNOW



The **MILL ASSIST** machine control system of the W 195 P ensures efficient engine speeds and simultaneously increases productivity. In particular, this leads to a significant reduction of CO₂ emissions per cubic meter of milled material.

INTUITIVE ASSISTANCE SYSTEMS

Active Floating Position

Displacement sensors integrated into the hydraulic side plate cylinders initiate brief raising of the side plates, for example, to prevent sinking in on soft ground.

Active Second Cut

The starting of a second milling cut is actively and precisely assisted by the **LEVEL PRO ACTIVE** leveling system. The result is a considerable increase in the quality of the milled surface.

Active Transport Control

The automatic function conveniently aligns the cold milling machine horizontally when relocating it in transport mode. It also automatically switches off the water supply and conveyor operation.

Active Lift Up

The automatic "Active Lift Up" function avoids unevenness in the milled surface by raising the milling drum when the machine is idle.

Active Lift Over

At the press of a button, "Active Lift Over" automatically lifts the milling drum a little shortly before reaching a solid obstacle in its path – e.g. a manhole cover – drives over the obstacle, lowers the milling drum again, and resumes milling at the original milling depth.

Parallel to Surface (PTS)

"Parallel To Surface" automatically undertakes the dynamic alignment of the machine parallel to the road surface: The front and rear track units are smoothly lowered in parallel. In addition, the four-fold full-floating axle quickly and reliably compensates for unevenness on the left and right sides. The consequence of this is exact adherence to the specified working depth and the greatest possible reduction of the operator's workload.





Active Lift Over

Active Lift-Up ON

Active Lift-Up OFF

Active Lift Up

Active Transport Control

OUTSTANDING RELIABILITY

Intuitive On-Board Inspection Tools

Quick and easy voltage measurement with an on-board voltmeter. Fuses in the circuit breakers can be conveniently checked by simply pressing a button – defective fuses are clearly indicated by an LED display. What's more, if necessary, the input and output signals of the machine control system can be displayed and directly checked on the display screen.

Pioneering Diagnostic Concept

The new diagnostic concept guides the operator easily and intuitively through the troubleshooting process. Any potential malfunction is clearly indicated to the operator on the display, including a description of the fault. The operator can then locate the malfunction using optimized, easy-to-understand color graphics. Comprehensive support in text form then enables the operator to begin correcting the fault.



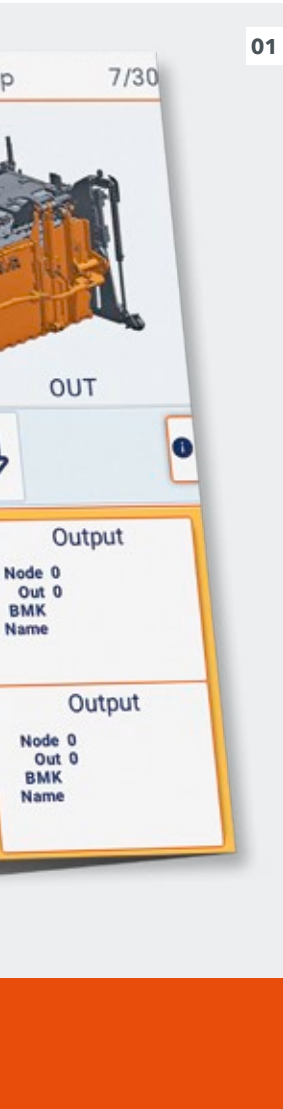
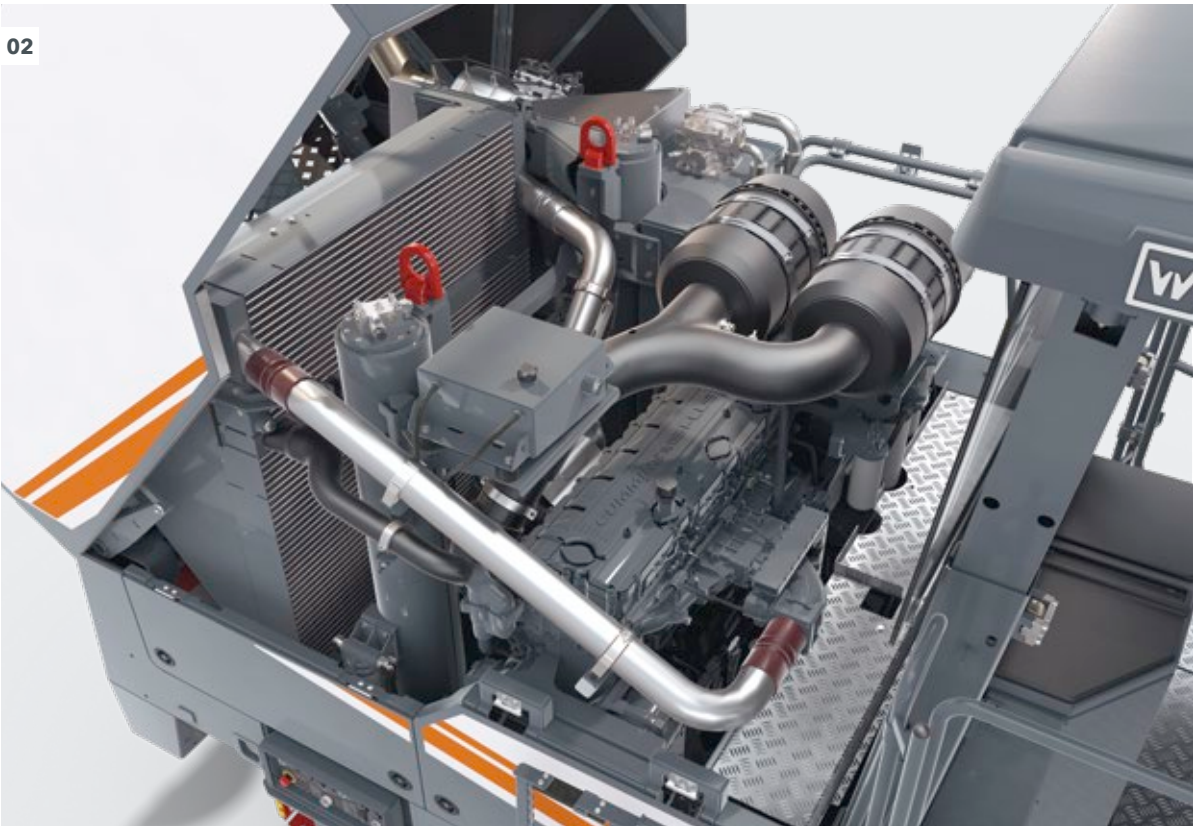
Reliable Operation

Detailed diagnostic information

Time Savings in Everyday Operations

Optimal accessibility of service and maintenance points

- 01 Direct image transfer of error messages for diagnosis with unambiguous localization.
- 02 Ideal access to all service and maintenance points.



Reliable Vandalism Protection

This cold milling machine is the first to offer automatic vandalism protection: The weather canopy is hydraulically lowered to transport height and locked in position. The 7" control panel is folded down and the doors to the operator's platform are locked. As a result of this, not only the control panel but also the storage compartment, the AdBlue tank, and the electrical cabinet are protected against vandalism. All in all, this centralized protection of the entire operator's platform enables considerably quicker preparation of the machine for transportation.

Time-Saving Service and Maintenance Concept

The W 195 P stands out due to the considerably easier accessibility of all service and maintenance points. The air, hydraulic oil, engine oil, and fuel filters are easily accessible from the walkway when the engine cover is open. In addition to this, all relevant machine components are quickly and easily accessible.

- 03 Machine completely secured and ready for transportation.



PRECISE, VERSATILE LEVEL PRO *ACTIVE* LEVELING

New, Easy-To-Use LEVEL PRO *ACTIVE* Operating Concept

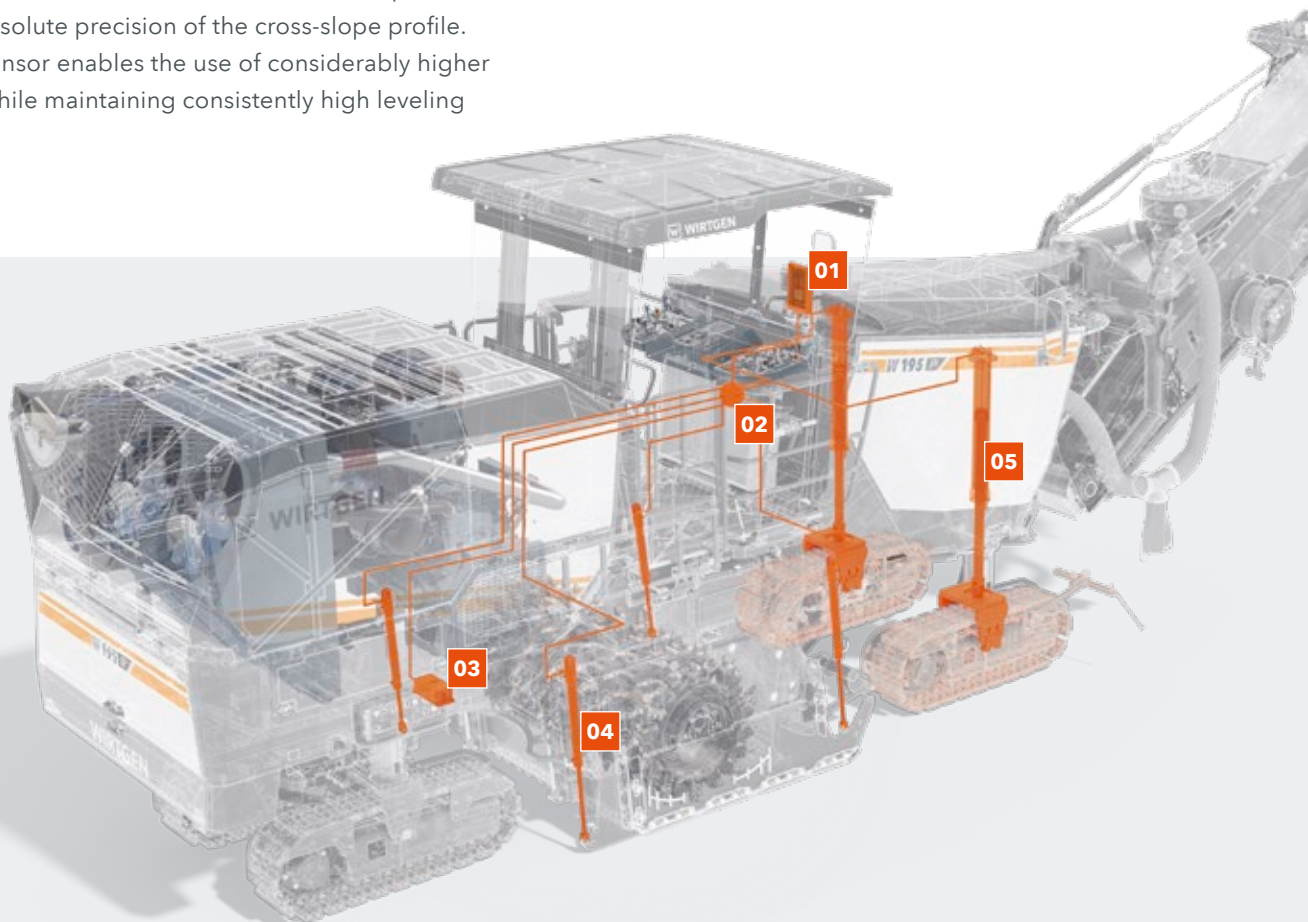
Developed especially for cold milling machines, the new **LEVEL PRO *ACTIVE*** leveling system with innovative control panels enables particularly easy and intuitive operating. Fully integrated into the machine control system, it enables a high degree of automation and guarantees precise milling results by direct interlinking of important machine functions. In addition, **LEVEL PRO *ACTIVE*** provides a simple and field-proven 3D system interface in the form of the 3D kit.

RAPID SLOPE Sensor

The rapid-response electronic RAPID SLOPE cross-slope sensor ensures the absolute precision of the cross-slope profile. The cross-slope sensor enables the use of considerably higher working speeds while maintaining consistently high leveling quality.

Improved Multiplex System

The Multiplex system consists of two ultrasonic sensors mounted on flexibly adjustable swivel arms on each side of the machine. Advantages of the system include the large adjustment range for a variety of leveling applications, as well as the low weight of the individual units. After use, the arms can be simply folded away on the machine for transportation.



Copy Slope Sensor

Displacement sensors in the two front lifting columns determine the height difference of the two track units at the front and then automatically align the machine so that it is always parallel to the ground surface. Depending on the application, cross-leveling can, for example, be used instead of side plate leveling.

Milling Depth Indicator (MDI)

The milling depth indicator on the **LEVEL PRO ACTIVE** screen – which shows the difference between the scraper and side plate positions – makes it easy to check the actual milling depth.

Improved 3D and Laser Leveling

The significantly simplified option for mounting laser sensors on the cold milling machine's weather canopy makes it easier to use 3D systems.



— = Standard equipment
— = Optional equipment

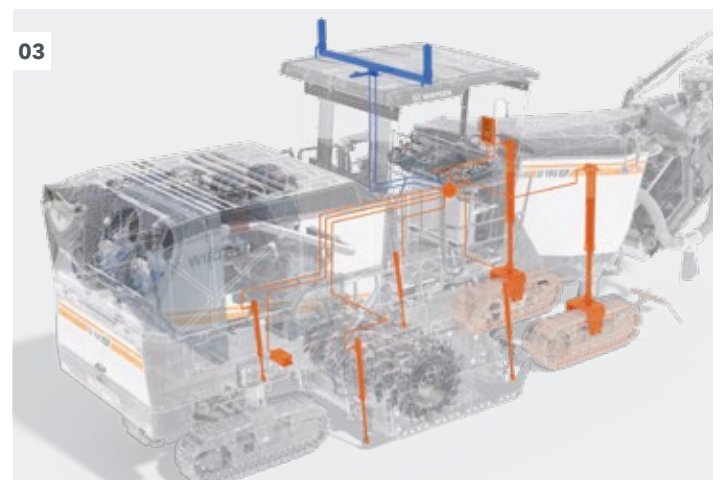
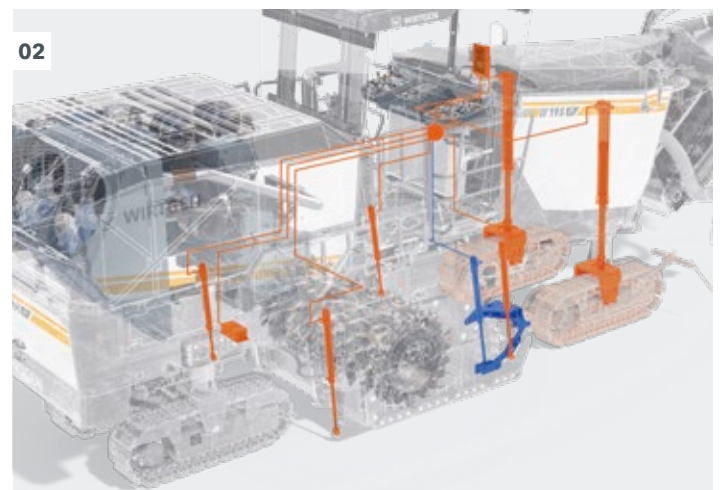
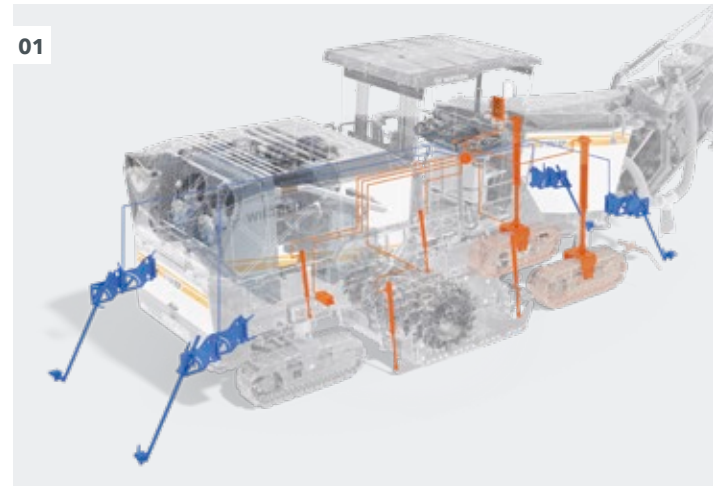
W 195 P with Standard Leveling Sensors

- 01** 7" control panel for **LEVEL PRO ACTIVE**
- 02** Machine control
- 03** Cross-slope sensor
- 04** Hydraulic side plate lifting cylinder with integrated displacement sensor
- 05** Copy Slope sensors in the front lifting columns

01 Multiplex System with up to four ultrasonic sensors.

02 Scanning in front of the milling drum.

03 3D leveling / laser leveling.



UNPARALLELED CUTTING TECHNOLOGY

Extremely Wear-Resistant Quick-Change Toolholder System HT22

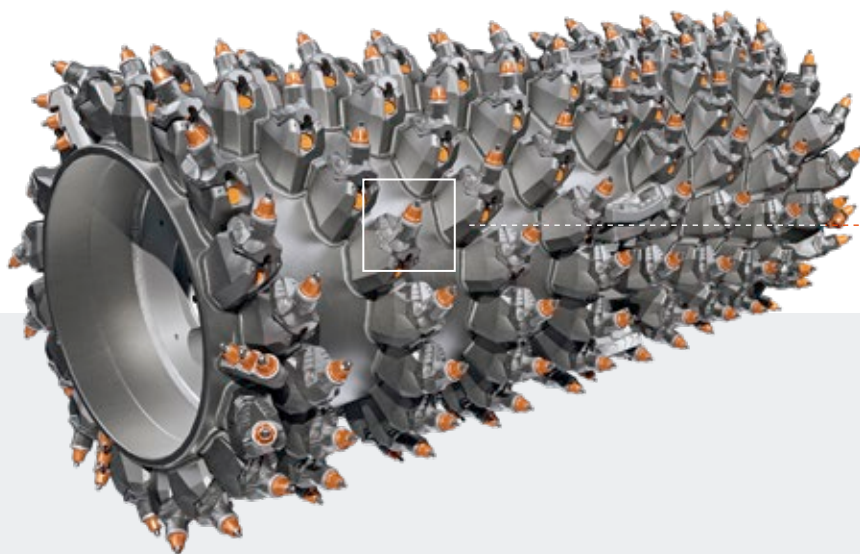
Milling drums for the W 195 P fitted with the **HT22** quick-change toolholder system are the ideal choice for challenging milling tasks. In addition, the heavy-duty construction of the milling drums enables the top parts of the quick-change toolholders to be exchanged quickly and easily whenever necessary, also on the construction site.

New Toolholder Upper Part HT22 *PLUS* with Longer Service Life

The new toolholder upper part **HT22 *PLUS*** is characterized by an innovative embossed centering recess in the pick contact surface that reduces toolholder wear by up to 25% in combination with the new Generation A² round-shank picks. The rotation behavior of the round-shank picks has also been improved. The most significant benefits of the new upper part are higher quality of the milled surfaces and longer replacement intervals.



01



Less Wear for Longer Service Life

HT22 and HT22 *PLUS*

01 Extremely wear-resistant quick-change toolholder system **HT22**.

02 In combination with the new round-shank picks, the embossed centering recess on the new toolholder optimizes rotation behavior and reduces wear.

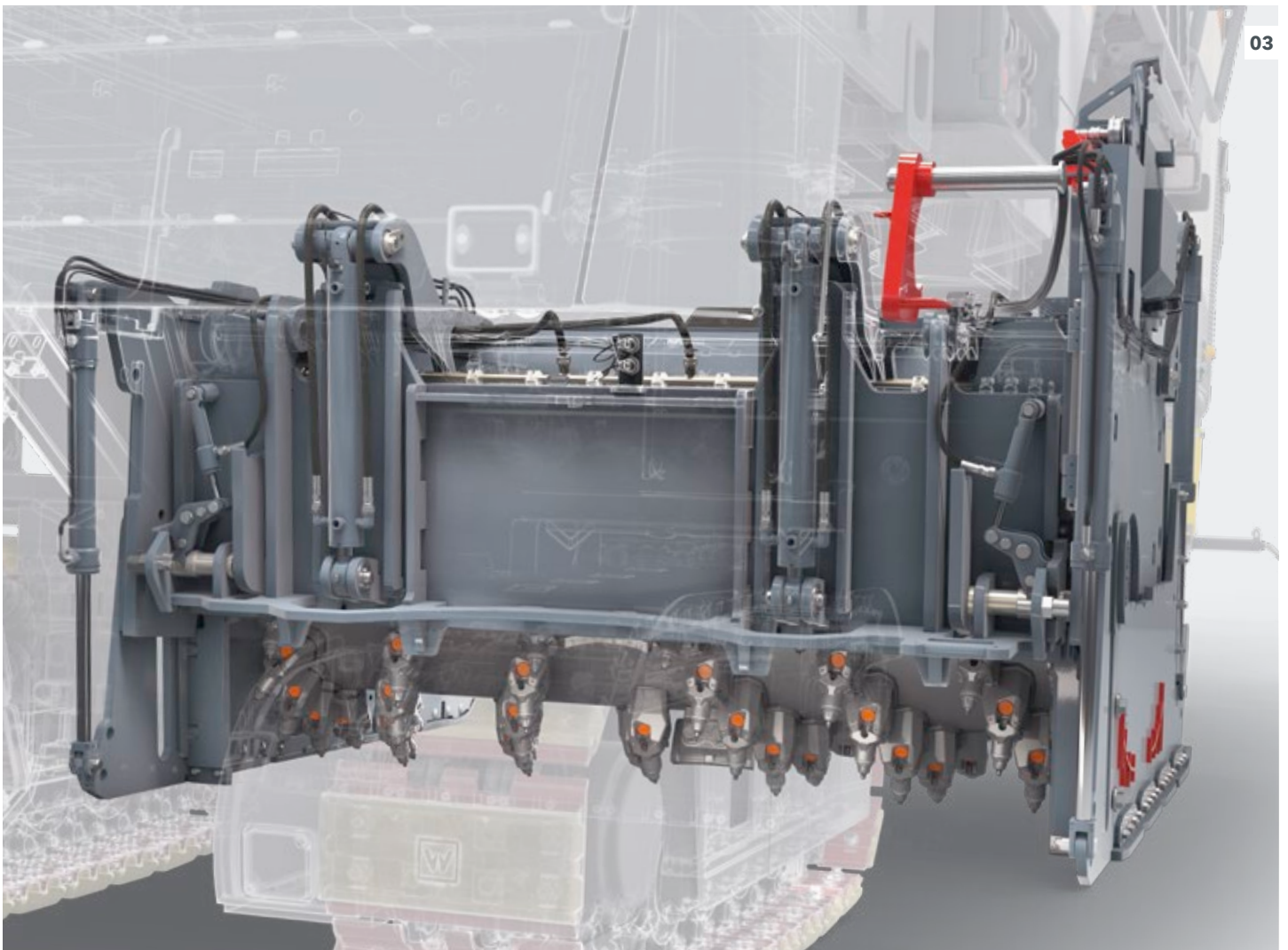
Large Scraper Lift

The increased scraper lift enables milling to greater depths, thus expanding the range of possible applications when milling without material loading. It also results in less material accumulating in the milling drum housing, which reduces wear and tear on the housing and milling drum. Depending on requirements and the application at hand, different scraper contact pressure levels can also be quickly and easily adjusted.

Program for the Protection of Edge Rings When Milling in Curves

The automatic function increases the milling drum speed when milling in curves, thus reducing material wear on the edge ring segments, which are subject to higher stresses in curves.

03 Increased scraper lift for a wider range of milling applications and less wear.



FLEXIBLE MATERIAL LOADING

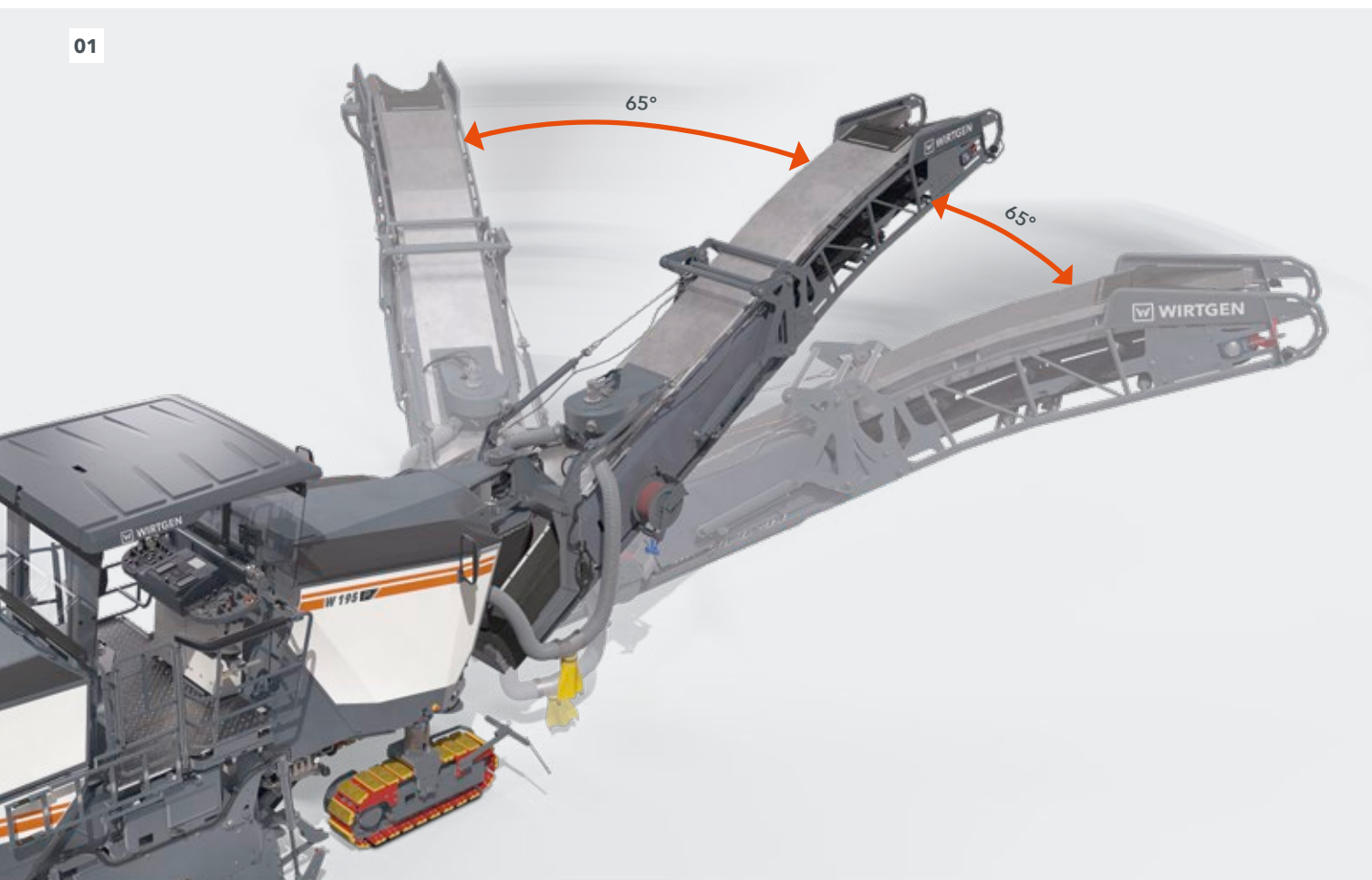
Extremely Large Conveyor Slewing Angle of 65° to the Left And Right

Extremely wide conveyor slewing angles of 65° to both sides enable the milled material to be loaded even in difficult situations, for example, at road junctions or in turning bays. Furthermore, the hydraulically folding discharge conveyor can be quickly folded away when necessary on the construction site and for easy transportation.

Integrated Water Sprinkler System on the Front Discharge Conveyor

A water sprinkler system installed on the front discharge conveyor efficiently reduces the development of dust when loading milled material.

01 The discharge conveyor has a large swing range.



Precise and Flexible Loading

Large slewing angles

Booster Function for a Longer Discharge Trajectory

Pressing the "Boost" button on one of the two main control panels briefly boosts the conveyor speed and conveying capacity of the discharge conveyor by 20%, which temporarily discharges the milled material much faster from the milling drum housing or discharges it into a tipper truck in a particularly high and long arc.

Smart Conveyor Speed Control

Smart conveyor speed control adapts automatically to the volume of milled material to be conveyed and enables maximum conveying capacity in any situation encountered on construction sites.

02 Booster function for a brief increase of the speed and conveying capacity of the discharge conveyor by 20%.



02

Ideal Handling of Peak Operating Loads

New booster function

MAXIMUM MILLING PERFORMANCE



More Power

High-Performance Diesel Engine

Constant Traction

Intelligent Speed Control

High-Performance Diesel Engine

In combination with the immensely higher maximum torque, the considerable increase in engine power compared with its predecessor makes the machine even more powerful and versatile. The disproportional increase in area performance (m^3/h) also leads to a reduction in specific fuel consumption per cubic meter of removed milled material and in the specific CO_2 emissions.

ISC - Intelligent Speed Control for Maximum Traction

The intelligent ISC (Intelligent Speed Control) track unit control system ensures consistently ideal traction: The electronic traction control system helps to prevent slipping of individual track units, even under difficult conditions. In addition, ISC controls the machine advance rate within the optimum engine torque and speed envelope and electronically adjusts the speed of the inner and outer track units in relation to each other in curves. This minimizes track pad wear.

Fast Machine Height Adjustment

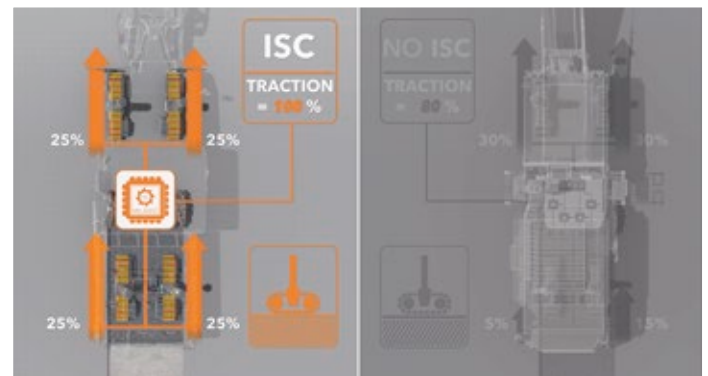
The new machine height adjustment system not only functions with extreme precision to assure high-quality milling results, but also enables fast lifting movements for rapid lowering and raising of the machine into and out of the cut.

Four-Fold Full-Floating Axle for Optimum Machine Stability

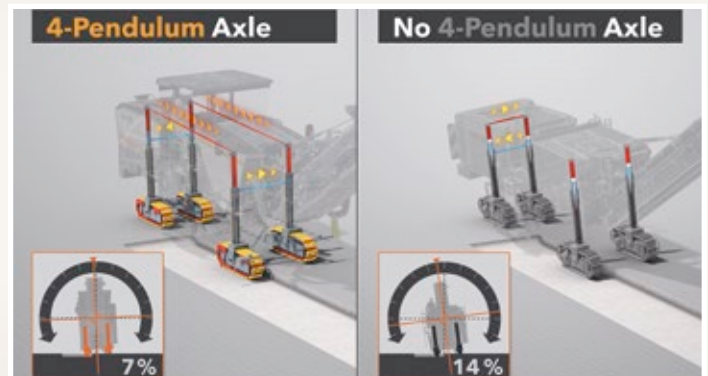
The field-proven, four-fold full-floating lifting column concept quickly and dynamically compensates for any unevenness of the ground.

"Power" Operating Strategy for Maximum Milling Performance

Pre-selection of the "Power" operating strategy in the MILL ASSIST machine control system guarantees maximum milling performance under all working conditions.



ISC Intelligent Speed Control



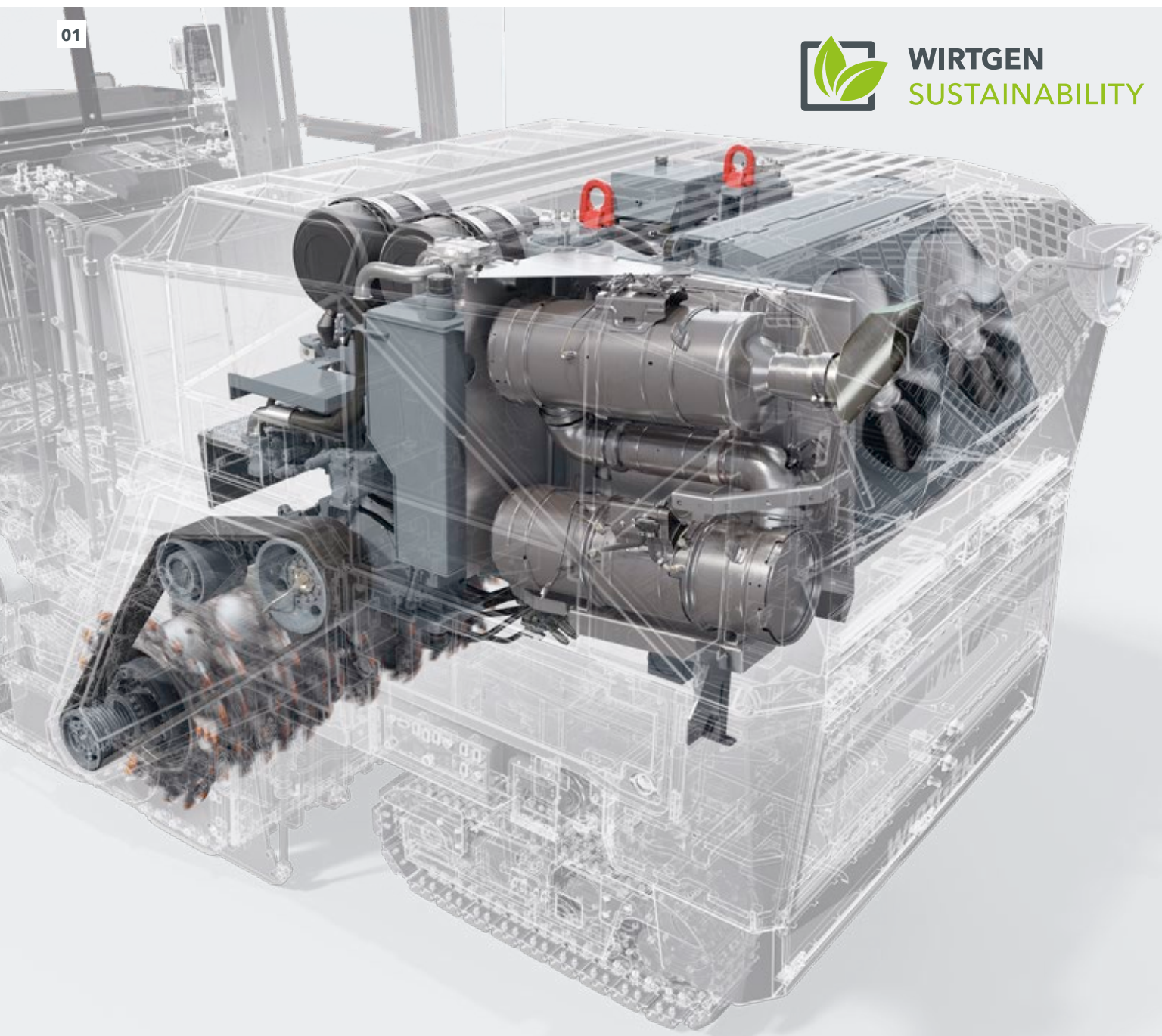
Four-way pendulum axle

REDUCED FUEL CONSUMPTION - ACTIVE MINIMIZATION OF CO₂ EMISSIONS

01



WIRTGEN
SUSTAINABILITY



High Performance with Low Fuel Consumption

Extended low milling speed range

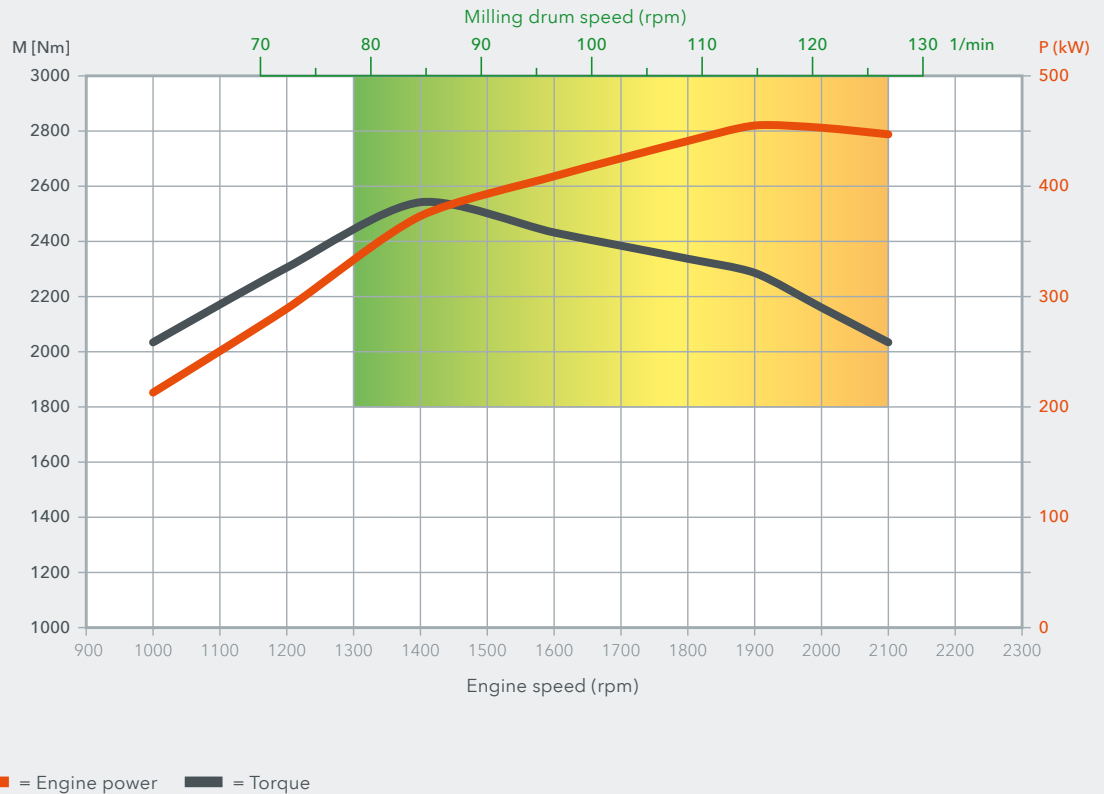
Fuel-Efficient Cooling

Load-dependent dual fan speed control

01 Compact engine station.

02 Extended range of milling drum speeds for reduced fuel consumption and pick wear.

02 ENGINE CHARACTERISTICS OF THE COLD MILLING MACHINE W 195 P



Extended Range of Usable Milling Drum Speeds

State-of-the-art engine control enables the W 195 P to offer an extremely wide range of usable milling drum speeds. Especially the new lower engine speed range enables significant fuel savings while simultaneously offering tremendous milling performance.

Maximum Utilization of Engine Power in the Low Engine Speed Range

The integrated **MILL ASSIST** machine control system ensures that the diesel engine of the W 195 P runs mainly in the lower speed range while at the same time ensuring high performance and low fuel consumption.

ECO Operating Strategy for Minimal Consumption

Pre-selection of the "ECO" operating strategy in the **MILL ASSIST** machine control system guarantees lower fuel consumption, less pick wear, and reduced noise emissions.

Engine Start-Stop from Exterior Control Panel with Filling Level Indicator and Clock

The diesel engine can also be quite simply switched on and off by the ground crew from the exterior control panel, making it possible to further reduce fuel consumption and noise emissions. The panel also clearly displays the water filling level and the time.

WIRTGEN > GOOD TO KNOW

All the groundbreaking features of the W 195 P described here contribute to a significant increase in sustainability.

ENVIRONMENTALLY COMPATIBLE MACHINE TECHNOLOGY

Maximum Exhaust Gas Purification for Low Exhaust Emissions

The state-of-the-art, fuel-efficient diesel engine of the W 195 P delivers maximum engine power with exceptionally high torque. At the same time, the engine technology meets the requirements of the CN NR Stage 4 standard for minimum exhaust gas emissions.

Fuel-Saving, Low-Noise Dual Fan Concept

Two speed-controlled and intelligently positioned cooling fans deliver demand-dependent cooling power to the diesel engine and hydraulics system. The cooling system therefore also makes an effective contribution to the achievement of lower fuel consumption.

Efficient Water Management

The two sections of the water spray bar can be separately activated, which allows the optimum amount of water to be added to the milling process, for example when milling only half the width of a lane. Automatic activation and deactivation of the water system and water metering dependent on milling performance considerably reduces water usage.

Improved VCS Extraction System

VCS improves air quality and visibility in the machine operator's and ground crew's working area. In addition, the improved design of the more easily accessible VCS suction channel reduces the cleaning effort.

Reduced Noise Emissions During Repositioning

The maximum travel speed of the cold milling machine is 85 m/min, which, due to the low engine speeds required, results in reduced fuel consumption and lower noise emissions.





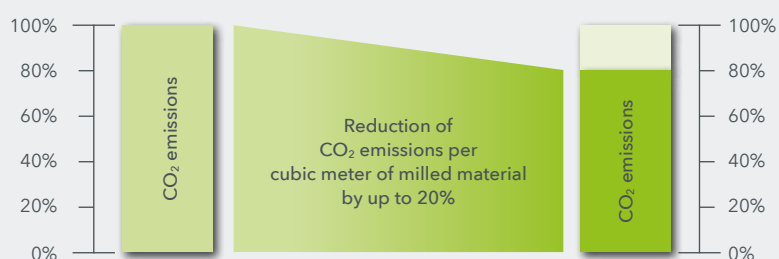
WIRTGEN SUSTAINABILITY

Today, the minimization of harmful CO₂ emissions on road construction sites while maintaining high levels of performance and productivity is more important than ever before. Innovative WIRTGEN technologies make an essential contribution to active protection of the environment and the

conservation of natural resources. With the W 195 P from the P series, the latest generation of large milling machines, WIRTGEN has successfully cut CO₂ emissions during milling operations by significantly reducing the fuel consumption per cubic meter of milled material.

WIRTGEN > GOOD TO KNOW

Compared to its predecessor model from 2016, the P Series reduces the CO₂ emissions per cubic meter of milled material by as much as 20%. Innovative WIRTGEN technologies such as **MILL ASSIST**, the dual fan cooling concept etc. all make a valuable contribution to this.



Predecessor model (2016)



P Series (2025)

As the P Series is HVO-ready, running the machine on high-quality HVO biofuel offers further potential for the reduction of CO₂ emissions.

The compact 2.0-meter-class large milling machine is easy to operate and offers a wide range of applications from surface layer rehabilitation and full-depth pavement removal to fine milling work. In combination with wide variety of sensors, the fully integrated **LEVEL PRO ACTIVE** leveling system fulfills the highest standards for the required evenness. In automatic mode, the innovative **MILL ASSIST** machine control system always sets the most favorable balance between performance and costs and also allows the selection of operating strategies for the optimization of costs, performance, or quality.



TECHNICAL SPECIFICATIONS W 195 P	
Milling Drum	
Milling width	2,000 mm
Milling depth ¹⁾	0 to 330 mm
Cutting diameter	1,020 mm
Engine	
Manufacturer	Dongfeng-Cummins
Type	M15
Cooling	Water
Number of cylinders	6
Rated power at 2,100 rpm	447 kW / 600 HP / 608 PS
Maximum power at 1,900 rpm	447 kW / 600 HP / 608 PS
Displacement	15 l
Fuel consumption at rated power mixed on-site operations	109 l/h 28 - 44 l/h
Engine sound power level according to DIN EN 500-2 on operator's platform	≤ 107 dB(A) ≥ 92 dB(A)
Emissions standard	CN NR Stage 4
Electrical System	
Power supply	24 V
Tank Capacities	
Fuel tank	1,230 l
AdBlue® / DEF ²⁾	111 l
Hydraulic oil	125 l
Water	3,900 l
Driving Performance	
Max. travel and milling speed	0 to 85 m/min (5 km/h)
Crawler units	
Crawler units, front and rear (L x W x H)	1,630 x 260 x 590 mm
Loading of Milled Material	
Belt width of primary conveyor	850 mm
Belt width of discharge conveyor	850 mm
Theoretical capacity of discharge conveyor	510 m³/h

TECHNICAL SPECIFICATIONS W 195 P

Weight of Basic Machine

Net weight of machine excluding tank contents	26,030 kg
Operating weight, CE ³⁾	28,780 kg
Maximum operating weight (full tanks, full range of equipment)	32,470 kg

Weight of Tank Contents

Water	3,900 kg
Fuel (0.83 kg/l)	1,020 kg
AdBlue® / DEF ²⁾ (1.1 kg/l)	120 kg

Additional Weight

Operator and Tools

> Machine operator	75 kg
> 5 pick containers	125 kg
> Vehicle tool kit	30 kg

Optional Milling Drums Instead of Standard

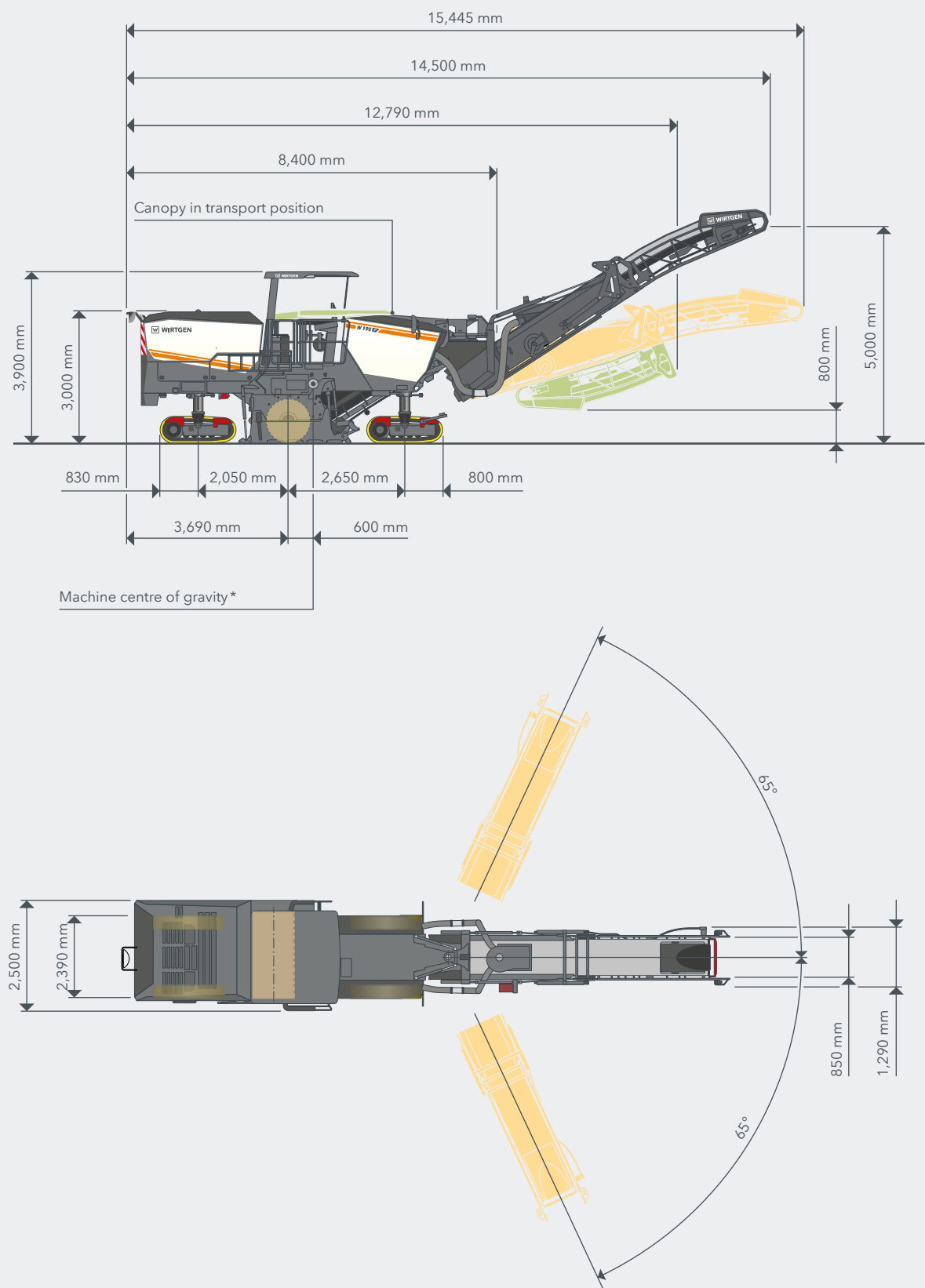
> Milling drum FB2000 HT5 LA6 with 338 picks	-150 kg
> Milling drum FB2000 HT5 LA6X2 with 672 picks	760 kg
> Milling drum FB2000 HT22 PLUS LA25 with 126 picks	-20 kg

¹⁾ The maximum milling depth may deviate from the value indicated due to tolerances and wear.

²⁾ AdBlue® is a registered trademark of the German Association of the Automotive Industry (VDA).

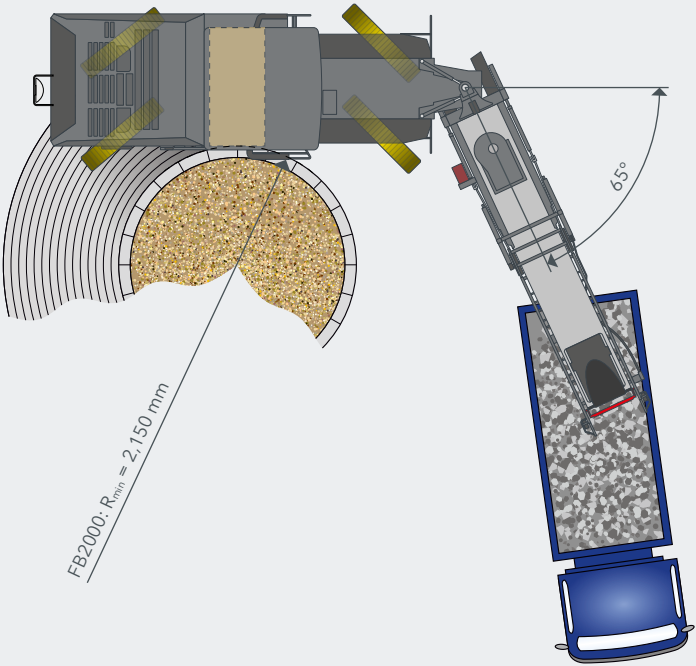
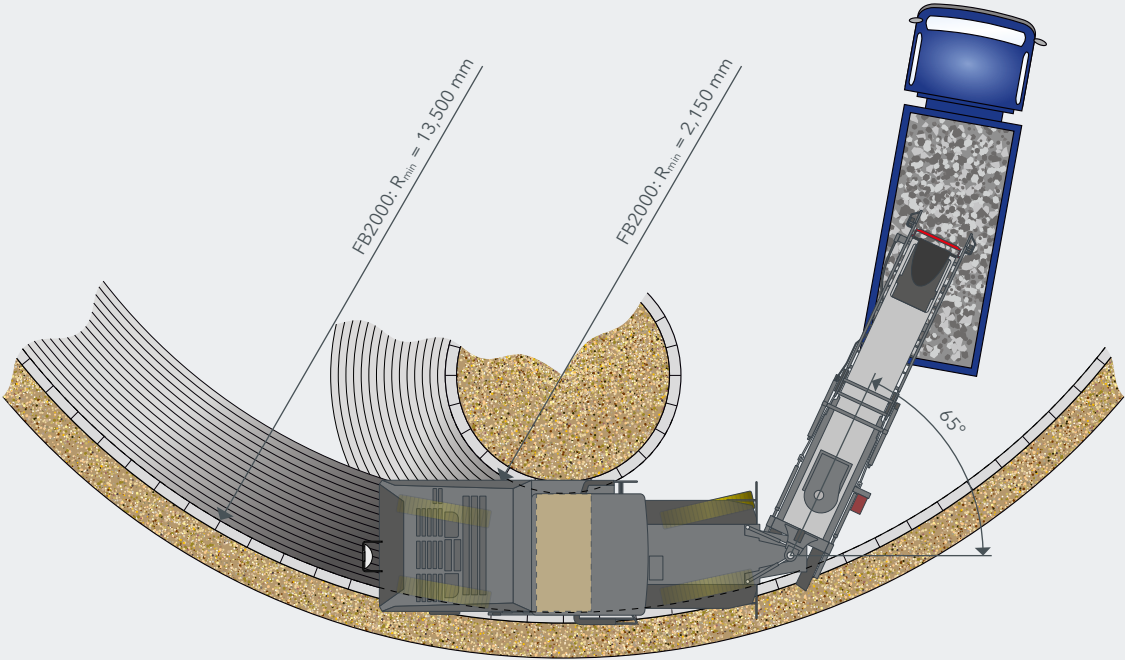
³⁾ Machine weight, half-full tanks, vehicle tool kits, machine operator, excluding optional equipment

SIDE VIEW / TOP VIEW W 195 P



*Based on operating weight, CE with conveyor folded out

MILLING RADIUS W 195 P, MILLING DEPTH 150 MM



STANDARD EQUIPMENT W 195 P

Basic Machine

- > Base machine with engine
- > Machine frame featuring a single wasp waist at the rear right and a dual wasp waist at the front
- > Hydraulically opening, soundproof engine cover
- > Air compressor system
- > Two cooling fans to minimize power consumption of the cooling system

Milling Drum Unit

- > Adjustment of material depressor contact pressure via the control panel or automatically via the **MILL ASSIST** feature to reduce chunk formation
- > Scraper contact pressure hydraulically adjustable
- > Automatically controlled locking feature of scraper
- > Automatic control of the water quantity via the **MILL ASSIST** feature
- > Height adjustment stroke increased by 100 mm to facilitate pick replacement and the exchange of milling drum units
- > Hydraulically lifting side plate, right clearance 450 mm and left clearance 350 mm
- > Two-part water spray bar in the milling drum assembly for pick cooling and dust collection
- > Milling drum housing FB2000

Milling Drums

- > Milling drum FB2000 **HT22 PLUS** LA18 with 146 picks

Loading of the Milled Material

- > Increased conveyor swing angles of 65° each to the left and right
- > Discharge conveyor 7,900 mm long, 850 mm wide, with hydraulic folding device
- > Boost feature for a temporary increase of the belt speed and conveying performance of the discharge conveyor by 20%
- > Water spray system in the primary conveyor
- > Larger conveyor pump for a constant belt speed even at a low engine speed of 1,300 rpm
- > Smart conveyor speed control ensures automatically the maximum conveying capacity based on the milled volume

Machine Control and Leveling System

- > User-friendly control panel including 7" color screen
- > **LEVEL PRO ACTIVE** leveling system with numerous automated and complementary operator relieving features
- > **LEVEL PRO ACTIVE** - automatic height control in transport mode
- > **LEVEL PRO ACTIVE** - ramp milling and auto-start feature for the second milling cut
- > RAPID SLOPE cross-slope sensor for **LEVEL PRO ACTIVE** leveling system
- > **MILL ASSIST** assistance system for automatic adjustment of the milling drum speed in accordance with the main area of application and the parameters selected in terms of engine load, advance rate, milling volume and quality of the milling pattern
- > Comprehensive machine diagnostics on the control panel including, for example, a diagnostic system for the CAN bus
- > Voltmeter integrated into the control panel for voltage measurement in the event of a malfunction
- > Two control panels for operating functions performed by ground crew
- > 5" Display for controlling the **LEVEL PRO ACTIVE** leveling system
- > Active floating position for the side plates, left and right
- > Actual milling depth measurement and display on the **LEVEL PRO ACTIVE** panel
- > Automatical cross slope alignment of the machine with the ground surface via the copy slope sensor

STANDARD EQUIPMENT W 195 P

Operator's Platform

> Convenient access to the operator's platform, left and right	■
> Anti-vibration mounted operator's platform across the full width of the machine including fold-out railing, right	■
> Electrical control cabinet on the operator's platform for optimum accessibility and fast troubleshooting	■
> Two mirrors front, one mirror middle and one mirror in rear area of the machine	■
> Operator's platform with practical fold-away-seats, left and right and height-adjustable weather canopy (without engine running)	■

Track Unit and Height Adjustment

> PTS - automatic alignment of the machine parallel to the pavement surface	■
> ISC - intelligent track speed control including hydraulic four-track drive	■
> High travel speed of up to 85 m/min at low engine speeds (1,350 rpm), reduced diesel consumption and low noise emissions	■
> Fourfold full-floating axle for high machine stability	■
> Lifting speed of the height adjustment feature increased by 60%	■
> Four track units type B1 with EPS polyurethane track pads	■

Miscellaneous

> "Welcome-and-Go-Home-Light" feature in the area of the operator's platform and access	■
> Storage compartment on both the rear track units for 8 pick containers	■
> High-pressure water system with automatic on/off function, 10 bar, 50 l/min	■
> Good accessibility to all maintenance points on the engine station	■
> Pneumatic hammer with pick extractor/insertor	■
> Large tool kit in lockable tool box	■
> A total of six EMERGENCY STOP switches in appropriate positions on the machine	■
> USB charging socket 1,000 mA for smartphones, tablets and other electronic devices	■
> Water tank filling from the rear of the machine with a hydraulically operated filler pump	■
> LED lighting system	■
> Lockable storage space for 12 pick containers	■
> Standard film coating in RAL 9001 (cream)	□

■ = Standard equipment

□ = Standard equipment, can be replaced with optional equipment if desired

□ = Optional equipment

OPTIONAL EQUIPMENT W 195 P	
Milling Drum Unit	
> Milling drum mounting and transport carriage FB1500 to FB2500	☐
> Hydraulic milling drum rotation device (with engine off)	☐
> Wear protection rollers for side plates, left or right	☐
Milling Drums	
> Milling drum FB2000 HT5 LA6 with 338 picks	☐
> Milling drum FB2000 HT5 LA6X2 with 672 picks	☐
> Milling drum FB2000 HT22 PLUS LA25 with 126 picks	☐
Loading of the Milled Material	
> VCS extraction system	☐
> Water spray bar at discharge conveyor	☐
Machine Control and Leveling System	
> Pre-fitting for multiplex system comprising 4 sensors sockets	☐
> Extension of LEVEL PRO ACTIVE with two ultrasonic sensors for multiplex scanning	☐
> Extension of LEVEL PRO ACTIVE with four ultrasonic sensors for multiplex scanning	☐
> Extension of LEVEL PRO ACTIVE with one hydraulic sensor mounted on the right or left	☐
> Extension of LEVEL PRO ACTIVE with pre-fitting for 3D leveling	☐
Miscellaneous	
> Film coating according to the customer's wishes	☐
> 5" control panel for controlling the leveling system	☐
> Two-fold camera/monitor system on the machine rear and discharge conveyor	☐
> Two-fold camera/monitor system on the machine rear and scraper	☐

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





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