

High-performance front loader for major construction projects in restricted space conditions.


Cold Milling Machine

W 150 CF/W 150 CFI



WIRTGEN





High-performance front loader for major construction projects in restricted space conditions

THE MOST POWERFUL COLD MILLING MACHINE IN THE COMPACT CLASS IS THE IDEAL CANDIDATE ESPECIALLY FOR USE ON MAJOR CONSTRUCTION SITES IN RESTRICTED SPACE CONDITIONS SUCH AS IN CITY CENTRES.

FCS PERMITS THE USE OF DIFFERENT MILLING DRUMS OFFERING MAXIMUM WORKING WIDTHS OF UP TO 1.8 M FOR INCREASED FLEXIBILITY AND MACHINE UTILIZATION.

THE MACHINE'S LOW WEIGHT AND MILLING DRUM UNIT MOUNTED IN THE CENTRE OF THE MACHINE ENSURE IDEAL WEIGHT DISTRIBUTION.

FLEXIBLE ADJUSTMENT OF THE EXTRA-LARGE SLEWING ANGLE AND SPEED OF THE FRONT-LOADING CONVEYOR ENSURES EFFICIENT MATERIAL LOADING.

THE STATE-OF-THE-ART MACHINE MANAGEMENT SYSTEM, LEVEL PRO PLUS LEVELLING SYSTEM AND INTUITIVE OPERATING CONCEPT ENABLE EFFICIENT ONE-MAN OPERATION.

At a glance: outstanding features of the cold milling machine

04
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HIGH-PRECISION, INTUITIVE LEVELLING WITH LEVEL PRO PLUS

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

2 |

EFFICIENT MULTIFUNCTIONAL ARMREST

- > Ergonomically designed multifunctional armrest with colour control screen
- > Scraper position is displayed on the control screen
- > Job data are displayed on the control screen
- > User-programmable "Favourites" keys

3 |

PERFECT VISIBILITY FOR PRECISE OPERATION

- > Adjustable canopy
- > High-quality camera system comprising up to five cameras for a direct view of important work processes
- > Optimized working light arrangement and optional LED working lights for perfect visibility during night operations

4 |

COMFORT FEATURES ON THE OPERATOR'S PLATFORM

- > Ergonomically designed comfort operator's seat including seat heating
- > Convenient access including "Welcome" and "Go home" lights feature
- > Wind and weather protection features on the operator's platform
- > Additional controls for ground crew

5 |

QUICK MANOEUVRING AND OUTSTANDING TRACTION

- > ISC electronic track control system for minimized track pad wear and optimized traction
- > Travel speed of up to 7.5 km/h
- > Optimized PTS for automatic alignment of the machine parallel to the road surface
- > "Stop-and-go" feature for the truck driver



6 |

LIGHTWEIGHT, MANOEUVRABLE MACHINE

- > Large steering angles for small turning radii
- > Highly precise steering via the fingertip steering feature integrated in the multifunctional armrest
- > Ultra-lightweight machine in this weight class with variable ballasting weight of up to 900 kg
- > Additional height adjustment in increments of 1 mm or 5 mm

9 |

HIGH EFFICIENCY FOR TREMENDOUS PRODUCTIVITY

- > Tremendous engine power with high maximum torque
- > Three different milling drum speed options
- > Battery-operated hydraulic power pack with complementary features
- > Automatically controlled water spray system at the milling drum unit
- > Automated WIDRIVE features significantly reduce operator interventions

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LOW ENVIRONMENTAL EMISSIONS

- > Engine models complying with EU Stage 3a/US Tier 3 or the stringent EU Stage 4/US Tier 4f emission standards
- > Alternative engine station with additional exhaust gas purification by means of a diesel particulate filter
- > Effective soundproofing and controlled fan speed for minimized noise emission levels

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TREMENDOUS MILLING PERFORMANCE IN A WIDE VARIETY OF APPLICATIONS

- > Milling drum turning device and hydraulic pick extractor for quick pick replacement
- > Hydraulically lifting side plates with proactive floating feature causing the side plates to be raised automatically in loose ground
- > Scraper is raised automatically by means of an overload sensor
- > Extremely hard-wearing HT22 quick-change toolholder system as a standard feature
- > Complete FCS FB 1500 milling drum unit with easily exchangeable FB600, FB900, FB1200 and FB1500 milling drums
- > Alternative milling width of 1.8 m

8 |

HIGH LOADING VOLUME AND FLEXIBLE LOADING OPTIONS

- > Wide conveyor slewing angles of 60° to the left and right
- > Two conveyor slewing speeds for precise 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-release coupling for easy mounting and removal of the discharge conveyor





WIRTGEN

Highlights

in operation

W 150 CFi

ENHANCED ERGONOMICS - INCREASED PRODUCTIVITY

ERGONOMIC CLARITY PAIRED WITH EASE OF OPERATION. KEYS TO SUCCESS ON THE OPERATOR'S PLATFORM OF THE W 150 CF/W 150 CFi. INTELLIGENT AUTOMATED FEATURES ADDING TO THE POTENTIAL. ALLOWING YOU TO FULLY FOCUS ON WHAT'S REALLY IMPORTANT: TOP PERFORMANCE. GETTING THE MOST OUT OF EACH JOB.

High-precision, intuitive levelling with **LEVEL PRO PLUS**

In cold milling operations, it is of vital importance to remove the pavement layers to the specified depth. The intuitive WIRTGEN **LEVEL PRO PLUS** levelling technology can be relied on to precisely maintain the specified milling depth.

EASY, INTUITIVE OPERATION

The **LEVEL PRO PLUS** levelling system developed specifically for cold milling machines offers free menu configuration and intuitive one-hand operation via a rotary control. Highly precise milling results are one of the hallmarks of the **LEVEL PRO PLUS** system.

FULLY INTEGRATED

Full integration of **LEVEL PRO PLUS** into the machine management system ensures a high level of automation.

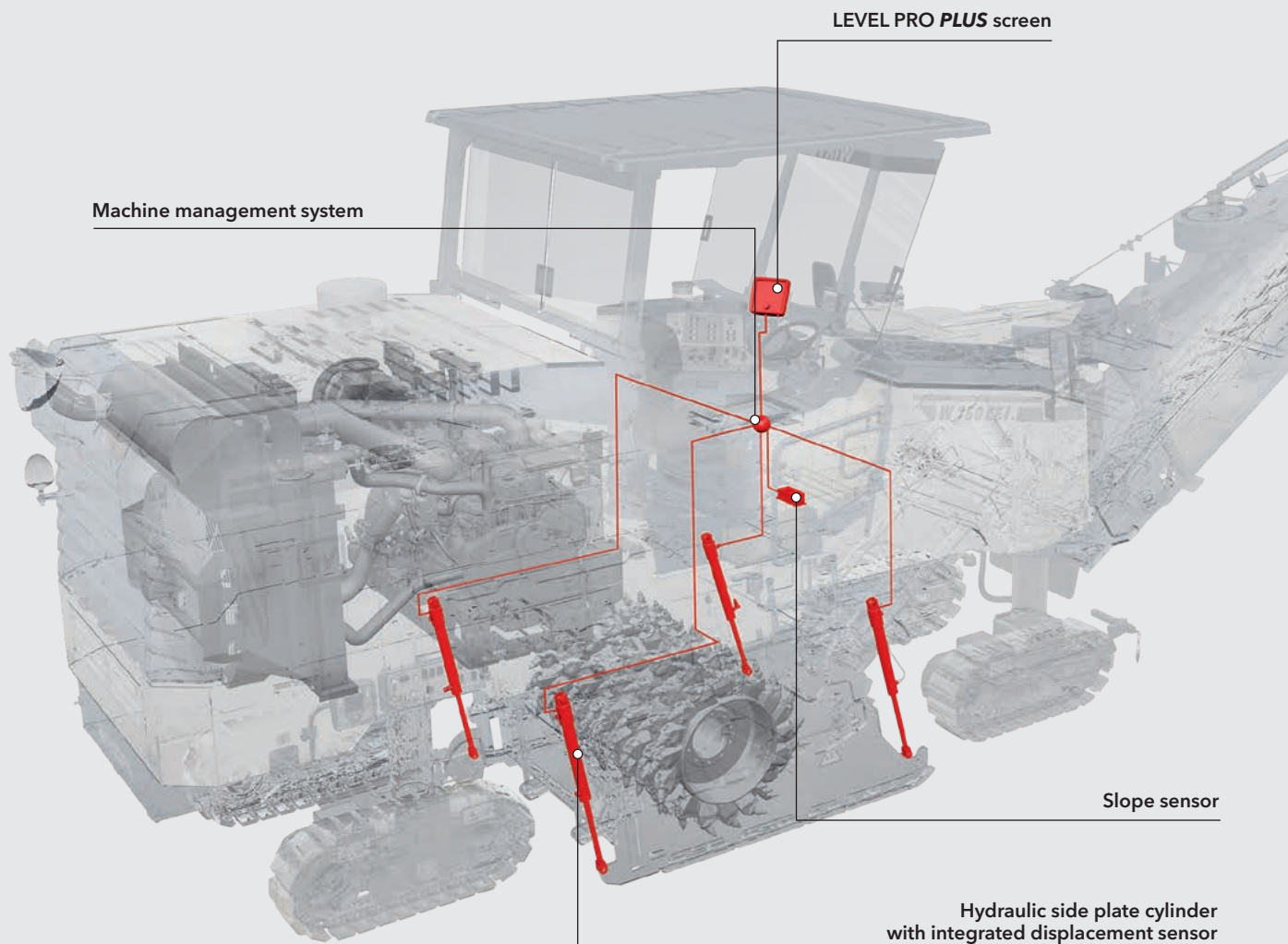
DISPLACEMENT SENSORS

The reference line is scanned by high-precision displacement sensors integrated in the hydraulic side plate cylinders and then displayed on the high-resolution **LEVEL PRO PLUS** control screen.

HYDRAULIC SCANNING SENSOR

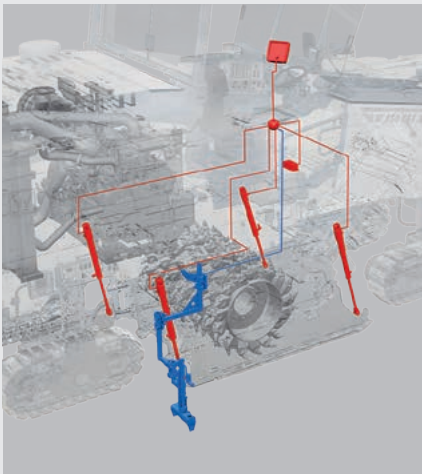
A hydraulic sensor detects the reference level in front of the milling drum.

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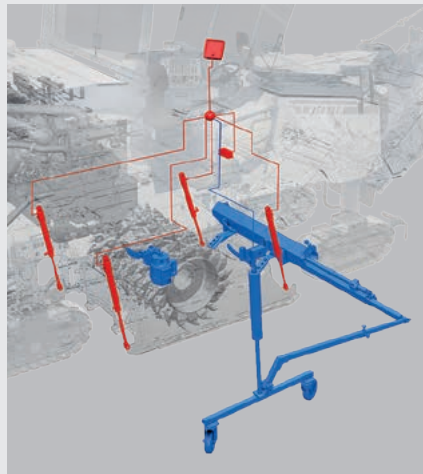


1 | The levelling system can be operated with a wide variety of different sensors.

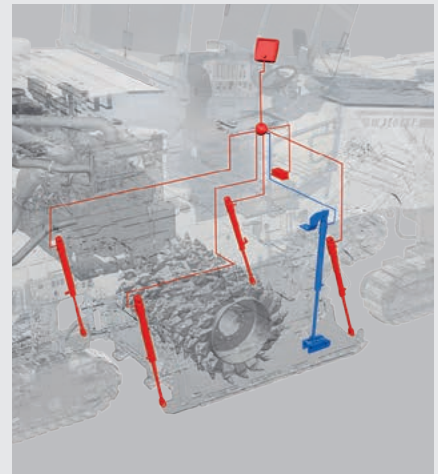
2 | LEVEL PRO PLUS is synonymous with perfect levelling quality at high operating speeds.



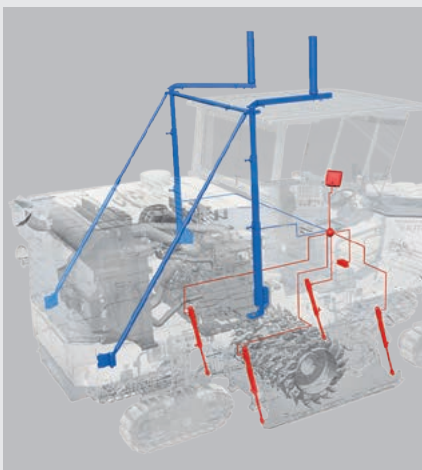
Sonic ski sensor



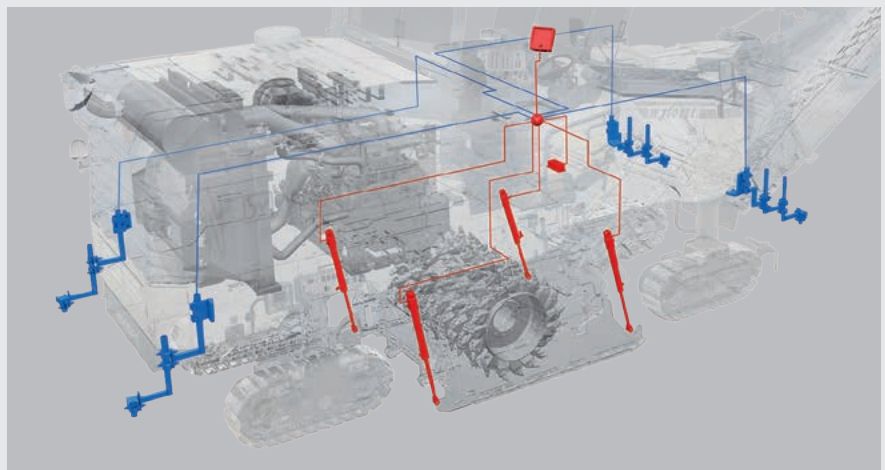
Levelling arm



Scanning in front of the milling drum



3D levelling/laser levelling



Multiplex system with up to four ultrasonic sensors

Efficient multifunctional armrest

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The compact milling machine is equipped with an efficient multifunctional armrest which not only speeds up processes and improves results: even more importantly, operators derive greater satisfaction from their work.

ERGONOMICALLY DESIGNED MULTIFUNCTIONAL ARMREST

The multifunctional armrest can be adjusted to meet the operator's personal preferences and combines innovative design with perfect user-friendliness. Important information is displayed on the colour control screen. In addition, the multifunctional armrest is fully integrated into the standardized operating concept of the entire fleet of WIRTGEN cold milling machines and allows productive operation right from the start.

SCRAPER POSITION

The scraper position is detected by means of a displacement sensor and then displayed on the control screen.

JOB DATA

Information such as the weight and volume of the milled material, size of the milled areas, or number of trucks loaded can be displayed automatically. These job data enable the logging of daily production rates.

"FAVOURITES" KEYS

Four "Favourites" keys can be programmed with twenty different functions according to the operator's personal preferences.

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1 | The operator needs one hand only to be in full control.

2 | The ergonomically designed operator's platform with multifunctional armrest boosts machine productivity.



Perfect visibility for precise operation

1 | *The camera system zeroes in on important work areas, thus achieving an increase in performance and quality.*

2 | *Night operations are an easy exercise thanks to the machine's efficient lighting system.*

Good visibility pays for itself quickly. The intelligent visibility concept implemented in the compact milling machine relieves the operator of a significant part of his workload, thus leading to improved milling results.

ADJUSTABLE CANOPY

The canopy offers maximum visibility as it features laterally telescoping extensions and movable glass windows at the front and rear.

HIGH-QUALITY CAMERA SYSTEM

The camera system comprises up to five cameras plus a hard-wearing screen. One camera each is installed, for example, at the end of the discharge conveyor and underneath the machine, delivering high-resolution images to the screen of the loading situation and of the area in front of the milling drum housing.

EFFECTIVE LIGHTING SYSTEM

Numerous intelligently arranged working lights - in LED design at the customer's request - provide maximum visibility during night operations.



Comfort features on the operator's platform

A generous array of equipment features, adjustment to personal preferences and features relieving the operator of a part of his workload are the major contributors towards a significant increase in operator comfort. This is reflected in high machine productivity in the field.

COMFORT OPERATOR'S SEAT

The ergonomically designed, swivelling comfort seat offers seat heating and promotes relaxed working. In addition, it provides the operator with a good view to the sides and to the rear of the machine.

"WELCOME" AND "GO HOME" LIGHTS FEATURE

The access ladder and operator's platform are fully illuminated when approaching or walking away from the machine.

WEATHER PROTECTION

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

ADDITIONAL CONTROLS FOR GROUND CREW

Convenient control features permit the milling drum to be turned for pick replacement, or scanning ahead of the milling drum to be activated.

1 | *The high standards of comfort enable non-tiring, productive operation.*







Highlights in

driving and steering

FEELING AT HOME IN NARROW SECTIONS
RESTRICTED SPACE CONDITIONS, FIXED OBSTACLES AND ROAD FIXTURES - EVERYDAY ROUTINE ON THE MILLING SITE. GOOD TO BE PREPARED FOR JUST SUCH A SITUATION. THE W 150 CF/W 150 CFi SUPPORTS YOU WITH INTELLIGENT FEATURES HELPING YOU TO REACH THE GOAL WITHOUT DELAY. MORE MANOEUVRABILITY, MORE CONTROL, MORE SPEED. FOR MORE PRODUCTIVITY.

Quick manoeuvring and outstanding traction

The W 150 CF/W 150 CFi can be relied on to quickly and effortlessly level out difficult ground or any deformed pavement stretches. In addition, it is transported from one job location to the next in the shortest possible time.

ELECTRONIC TRACK CONTROL SYSTEM

The electronically operated ISC track control system minimizes track pad wear and guarantees optimum traction regardless of ground conditions.

TRAVEL SPEED OF 7.5 KM/H

The machine's maximum travel speed of up to 7.5 km/h allows for the extra-quick completion of construction projects.

1 | *The fourfold full-floating axle can be relied on to level out any deformed pavement stretches quickly and in a dynamic process.*

AUTOMATIC MACHINE ALIGNMENT PARALLEL TO THE ROAD SURFACE

The PTS (Parallel to Surface) system with fourfold full-floating feature has been enhanced further to ensure quick and reliable parallel alignment of the machine and perfect leveling results. PTS significantly reduces the number of operator interventions previously generated by the need for manual adjustments.

"STOP-AND-GO" FEATURE

The "stop-and-go" system folds out hydraulically and enables visual, silent communication with the truck driver driving in front.



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



Lightweight, manoeuvrable machine

The W 150 CF/W 150 CFi is a true champion in narrow bends, roundabouts or urban construction sites: it achieves small turning radii and precise milling results regardless of site conditions.

LARGE STEERING ANGLES

Large steering angles to the left and right guarantee small turning radii to allow quick manoeuvring even in narrow passages.

FINGERTIP STEERING SYSTEM

The highly responsive hydraulic steering system enables the machine to be steered precisely and effortlessly also via the right-hand multifunctional armrest.

1 | *The track units feature large steering angles to the left and right to guarantee small turning radii.*

LIGHTWEIGHT MACHINE WITH SUPPLEMENTARY WEIGHT

The machine's low empty weight and a variable ballasting weight of up to 900 kg provide for a high operating weight, optimum traction and ease of transport.

HEIGHT ADJUSTMENT IN INCREMENTS

A complementary feature on the left-hand control console enables precise adjustment of the milling depth in increments of 1 mm or 5 mm.



2 | The machine's outstanding manoeuvrability facilitates operation on construction sites offering limited space.



Highlights in milling and loading

UNMATCHED MILLING EXPERTISE

PERFECTLY ENGINEERED CUTTING TECHNOLOGY MADE BY WIRTGEN. BROUGHT TOGETHER IN THE MILLING DRUM UNIT OF THE W 150 CF/W 150 CFi COMPACT MILLING MACHINE. PERFECTLY MATCHED COMPONENTS FOR RELIABLE AND HARD-WEARING OPERATION. FOR PERFECTLY EVEN MILLED SURFACES AND HIGH MACHINE PRODUCTIVITY.



Tremendous milling performance in a wide variety of applications

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The milling drum unit offers a multitude of highly useful innovative features; maximum milling depths of up to 330 mm can be achieved.

QUICK REPLACEMENT OF PICKS

The hydraulically operated milling drum turning device and pick extractor make easy work of pick replacement even with the engine switched off.

HYDRAULICALLY LIFTING SIDE PLATES WITH PROACTIVE FLOATING FEATURE

Overload sensors installed at the side plates left and right cause the side plates to be raised briefly, for example, to prevent sinking in on soft ground. The durability of the side plates has additionally been improved by bolt-on wear protection segments.

AUTOMATIC RAISING OF SCRAPER

Overload sensors protect the milling drum unit from damage: they cause the scraper blade to be raised briefly, for example, to avoid obstacles or ground irregularities.

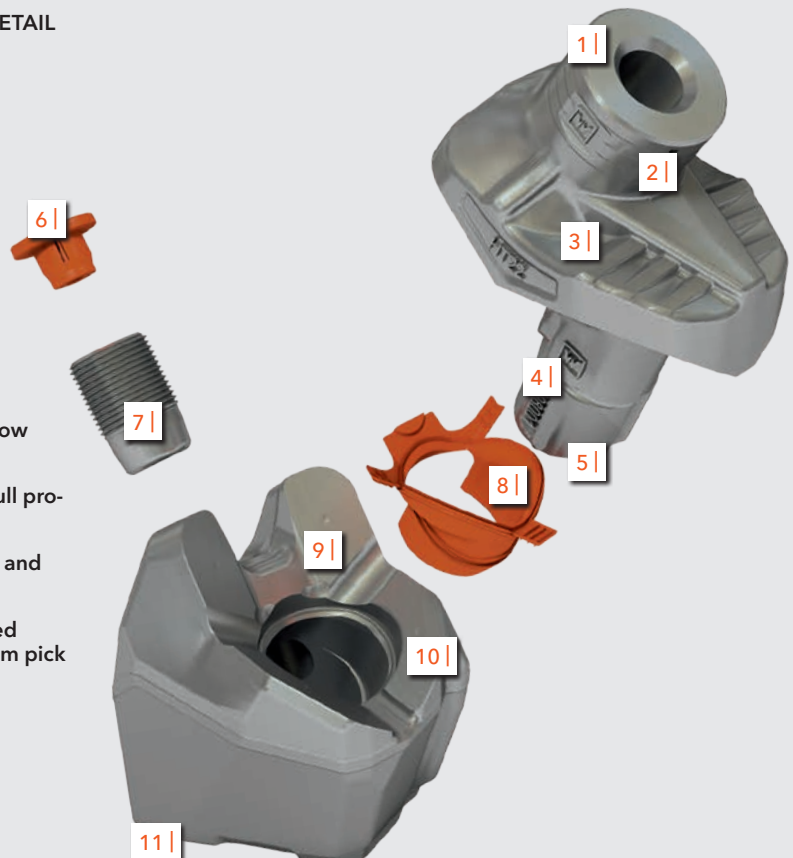
HT22 QUICK-CHANGE TOOLHOLDER SYSTEM

The extremely hard-wearing HT22 quick-change toolholder system (standard) minimizes breaks in operation and increases the lifespan of the entire milling drum.

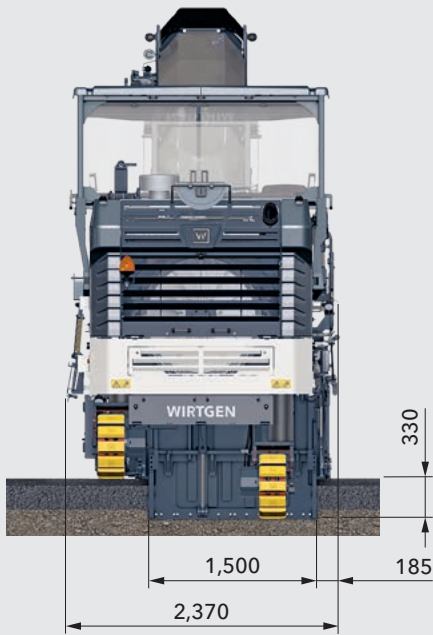


HT22 QUICK-CHANGE TOOLHOLDER SYSTEM IN DETAIL

- 1 | Extremely large maximum wear distance
- 2 | Wear markers at 5 mm intervals
- 3 | High wear volume
- 4 | Optimized shank angle geometry for high component strength
- 5 | Large shank cross-section for significantly higher shank fracture strength
- 6 | Protective plug prevents soiling of bolt head
- 7 | Heavy-duty retaining bolt
- 8 | Seal between upper part and bottom part to allow simple insertion/removal of upper part
- 9 | Upper part covers bottom part completely for full protection of bottom part
- 10 | Extra-large contact surface between upper part and bottom part for extended bottom part life
- 11 | Optimized welded connection offering increased strength and simultaneous flexibility for optimum pick rotation



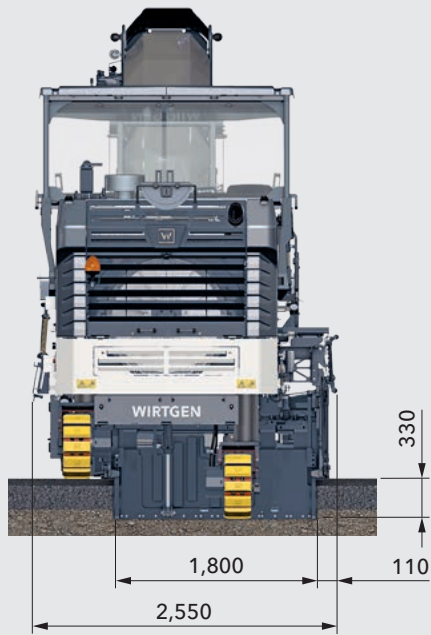
Dimensions in mm:



W 150 CF/W 150 CFi
with 1.5-m drum assembly



Milling drum
Milling width: 1,500 mm
Milling depth: 0-330 mm
Pick spacing: 15 mm



W 150 CF/W 150 CFi
with 1.8-m drum assembly



Milling drum
Milling width: 1,800 mm
Milling depth: 0-330 mm
Pick spacing: 18 mm

The W 150 CFi fitted with a 1.8-m wide milling drum increases daily production rates.

COMPLETE FCS PACKAGE FOR FB1500

FB600, FB900, FB1200 and FB1500 milling drums are available as part of the complete FCS package for the FB1500 milling drum unit. The milling drums are exchanged quickly thanks to the side door on the right offering ready access.

ALTERNATIVE MILLING WIDTH OF 1.8 M

For increased productivity and area performance levels, the compact milling machine can be equipped with 1.8-m wide milling drums by means of a housing extension.



High loading volume and flexible loading options

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Maximum performance and utmost flexibility are a must also when loading the milled material to ensure smooth completion of the milling process.

WIDE CONVEYOR SLEWING ANGLES

Wide conveyor slewing angles of 60° each to the left and right enable the milled material to be loaded even in difficult situations, for example, in road junctions or turning bays.

TWO CONVEYOR SLEWING SPEEDS

Slewing the discharge conveyor at slow speed or high speed to ensure precise loading of the milled material optimizes the entire milling process.

VCS EXTRACTION SYSTEM

VCS improves the air quality and visibility in the working environment of the machine operator and ground crew. In addition, the redesigned and optimized VCS suction channel reduces the cleaning effort.

HYDRAULIC FOLDING CONVEYOR

The hydraulic folding conveyor is folded quickly for easy transport and to allow adjustment to site conditions.

QUICK-RELEASE COUPLING

The innovative quick-release coupling ensures easy plugging of hydraulic connections when mounting or removing the discharge conveyor.

INCREASED LOADING PERFORMANCE

The conveyor belt speed has been increased by 15% and the cleat profile enlarged by 28% in comparison with the predecessor model to ensure a significantly higher loading performance.

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1 | High, adjustable conveyor belt speed and wide conveyor slewing angles ensure flexibility in material loading.

2 | Wide conveyor slewing angles of up to 60 degrees to both sides make easy work of milling in narrow passages.

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



Highlights in performance and productivity





TOP PERFORMER IN THE COMPACT CLASS

HIGH PRODUCTIVITY IS ITS HALLMARK: THE W 150 CF/W 150 CFi. TREMENDOUS MILLING POTENTIAL THANKS TO HIGH ENGINE POWER AND FLEXIBILITY. OPTIMIZED THROUGH EFFICIENT AUTOMATED FEATURES. AND PUTTING THE FOCUS ON ENVIRONMENTAL PROTECTION: LOW EMISSION LEVELS PROTECT BOTH THE OPERATOR AND THE ENVIRONMENT. W 150 CF/W 150 CFi - TOP PERFORMER IN THE COMPACT CLASS.

High efficiency for tremendous productivity

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The most powerful cold milling machine in the compact class impresses with high engine power. Its productivity is enhanced further by features tailored to field requirements.

TREMENDOUS ENGINE POWER

The state-of-the-art diesel engine offers tremendous engine power at high maximum torque, guaranteeing fast-paced operation and high production rates even at the maximum milling depth.

THREE DIFFERENT MILLING DRUM SPEED OPTIONS

Three different milling drum speeds enable tremendous milling performance in a wide range of applications.

HYDRAULIC POWER PACK

The extended electro-hydraulic power pack caters to features such as the milling drum turning device, pick extraction with the engine switched off or emergency functions, thus increasing the machine's flexibility on site.

AUTOMATIC INJECTION OF WATER

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.

FEWER OPERATOR INTERVENTIONS

The WIDRIVE machine management system includes numerous automated features which assist the operator in his everyday work routine. WIDRIVE is an asset also because it reduces diesel consumption and improves daily production rates.

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1 | - 2 | The WIDRIVE machine management system and simple operating concept of the compact milling machine permit high daily production rates.



Low environmental emissions

Low fuel consumption rates and noise emission levels protect both the operator and the environment. In the final analysis, we have provided the W 150 CF/W 150 CFi with environmentally friendly technical features which increase cost-efficiency and improve operator performance.

TWO ENGINE MODELS

The engine technology installed in the W 150 CF complies with the exhaust emission standards of EU Stage 3a/US Tier 3. The W 150 CFi complies with the stringent specifications of exhaust emission standards EU Stage 4/US Tier 4f.

1 | *The engine installed in the W 150 CFi is equipped with a two-way catalytic converter and SCR catalytic converter to ensure effective exhaust gas purification.*

OPTIONAL DIESEL PARTICULATE FILTER

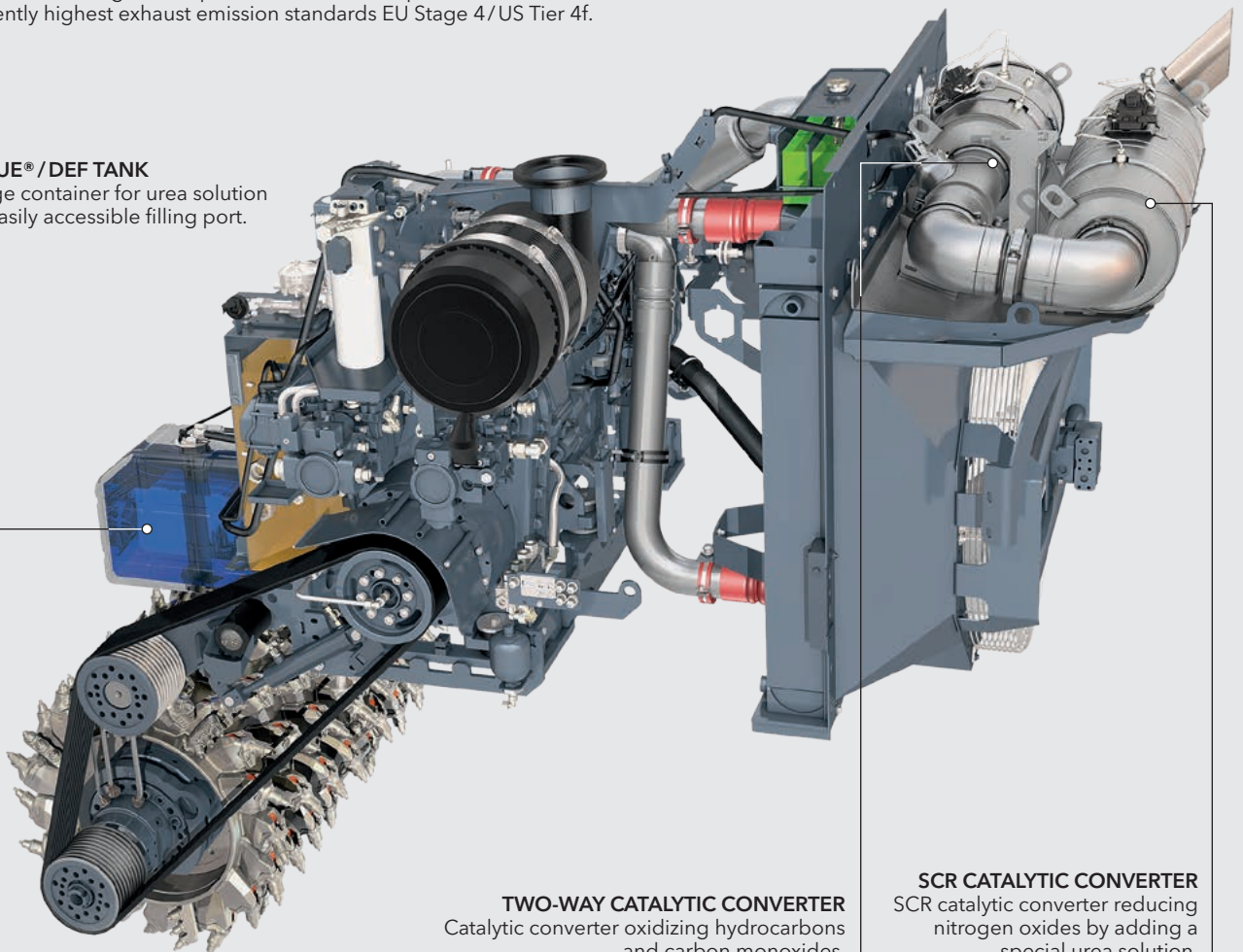
A diesel particulate filter is optionally available for the W 150 CFi as original equipment to ensure compliance with even stricter emission requirements.

MINIMUM NOISE LEVELS

Noise emission levels are reduced significantly by means of optimized machine settings and extra-effective soundproofing. The cooling system with temperature-controlled fan speed also ensures low noise emission levels.

1 | **EXHAUST GAS AFTER-TREATMENT W 150 CFi**
The diesel engine complies with the strict requirements of the currently highest exhaust emission standards EU Stage 4/US Tier 4f.

ADBLUE® / DEF TANK
Storage container for urea solution with easily accessible filling port.



TWO-WAY CATALYTIC CONVERTER
Catalytic converter oxidizing hydrocarbons and carbon monoxides.

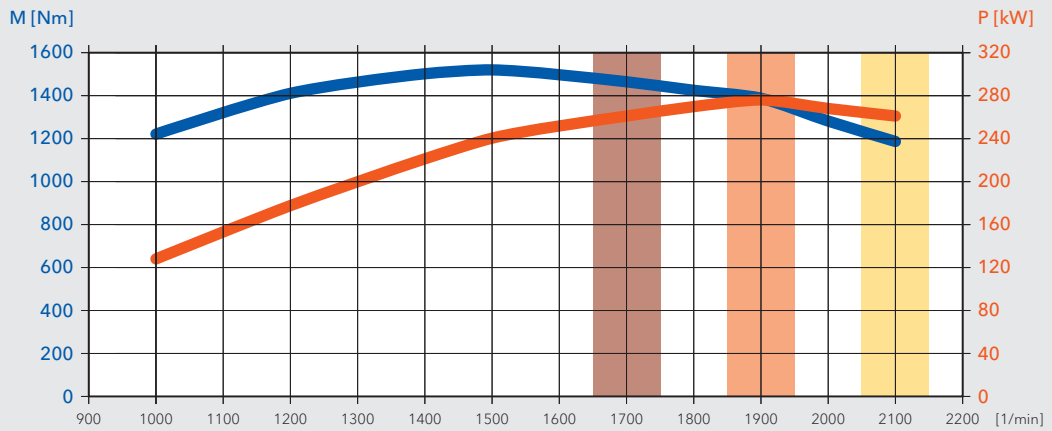
SCR CATALYTIC CONVERTER
SCR catalytic converter reducing nitrogen oxides by adding a special urea solution.

2 | Ready access to machine components ensures ease of maintenance.

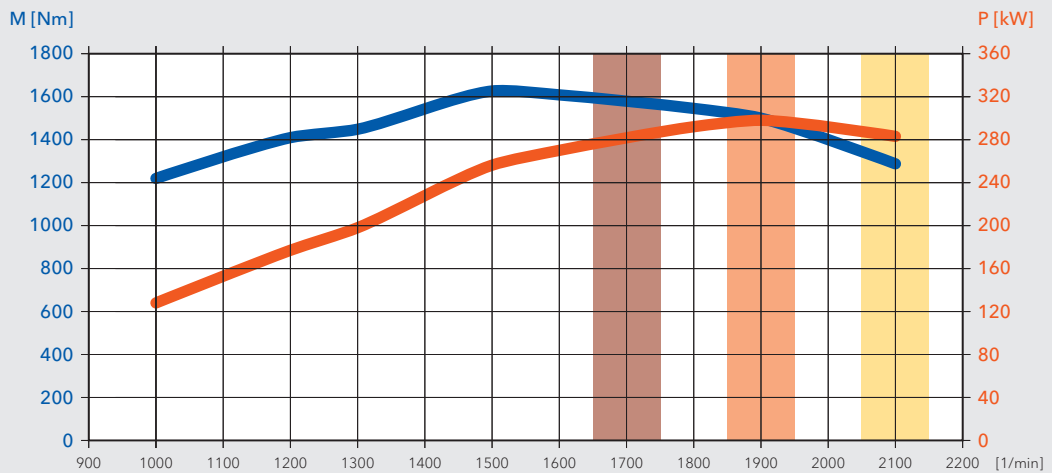
3 | The high increase in torque results in high milling performance.



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



ENGINE CHARACTERISTICS W 150 CFi (EU STAGE 4/US TIER 4F)



— Engine output
— Torque

■ Engine speed = 1,700 rpm

■ Engine speed = 1,900 rpm

■ Engine speed = 2,100 rpm

Technical specification

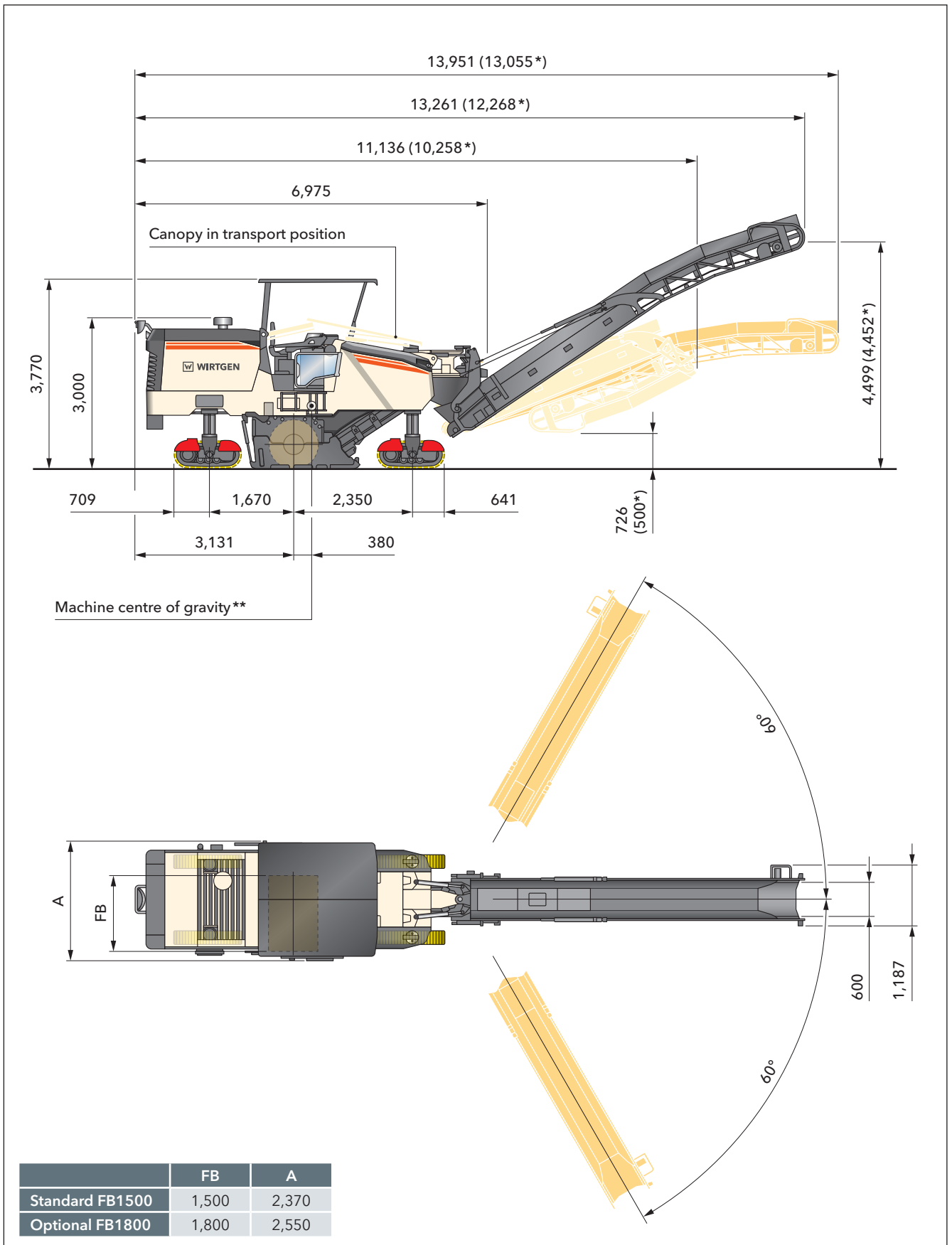
	W 150 CF	W 150 CFi
Milling drum		
Milling width standard	1,500 mm	
Milling width optional	1,800 mm	
Milling depth *1	0 to 330 mm	
Drum diameter with tools	980 mm	
Engine		
Manufacturer	CUMMINS	CUMMINS
Type	QSL 9	QSL 9
Cooling	Water	Water
Number of cylinders	6	6
Rated power at 2,100 rpm	261 kW/350 HP/355 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	72 l/h	75 l/h
Fuel consumption in field mix	29 l/h	30 l/h
Exhaust emission standards	EU Stage 3a/US Tier 3	EU Stage 4/US Tier 4f
Electrical system		
Voltage supply	24 V	
Tank capacities		
Fuel tank	810 l	
Adblue®/DEF tank	-	50 l
Hydraulic fluid tank	120 l	
Water tank	2,250 l	
Driving performance		
Max. milling speed	0 to 40 m/min (2.4 km/h)	0 to 40 m/min (2.4 km/h)
Max. travel speed	0 to 125 m/min (7.5 km/h)	0 to 125 m/min (7.5 km/h)
Track units		
Track units, front and rear (L x W x H)	1,330 x 260 x 550 mm	
Loading of the milled material		
Belt width of primary conveyor	650 mm	
Belt width of discharge conveyor	600 mm	
Theoretical capacity of discharge conveyor	233 m ³ /h	

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

	W 150 CF	W 150 CFi
Weight of basic machine		
Empty weight of machine excluding tank contents	19,000 kg	19,300 kg
Operating weight, CE *2	20,550 kg	20,850 kg
Maximum operating weight (full tanks, full range of equipment)	24,850 kg	25,200 kg
Weights of tank contents		
Filling of water tank	2,250 kg	2,250 kg
Filling of fuel tank (0,83 kg/l)	670 kg	670 kg
Filling of AdBlue®/DEF tank (1,1 kg/l)	-	55 kg
Additional add-on weights		
Operator and tools		
Operator		75 kg
5 pick containers		125 kg
On-board tools		30 kg
Optional milling drum units in lieu of standard		
Milling drum housing FB1500 FCS-L		270 kg
Milling drum housing FB1500 FCS		380 kg
Milling drum housing FB1800 FCS-L		800 kg
Optional milling drums in lieu of standard		
FCS milling drum FB1500 HT22 LA15 with 136 picks		20 kg
FCS milling drum FB1500 HT22 LA18 with 120 picks		-70 kg
FCS milling drum FB1500 HT22 LA8 with 210 picks		380 kg
FCS milling drum FB1500 HT5 LA6X2 with 512 picks		450 kg
FCS milling drum FB1500 HT22 LA25 with 102 picks		-400 kg
FCS milling drum FB1800 HT22 LA18 with 135 picks		190 kg
Optional additional equipment		
Canopy in lieu of standard		450 kg
Short conveyor in hydraulic folding design in lieu of standard		-45 kg
VCS extraction system		125 kg
Levelling arm		250 kg
Supplementary weight at the rear		900 kg

*2 = Weight of machine, half-full water tank, half-full fuel tank, operator, on-board tools, excluding optional equipment features

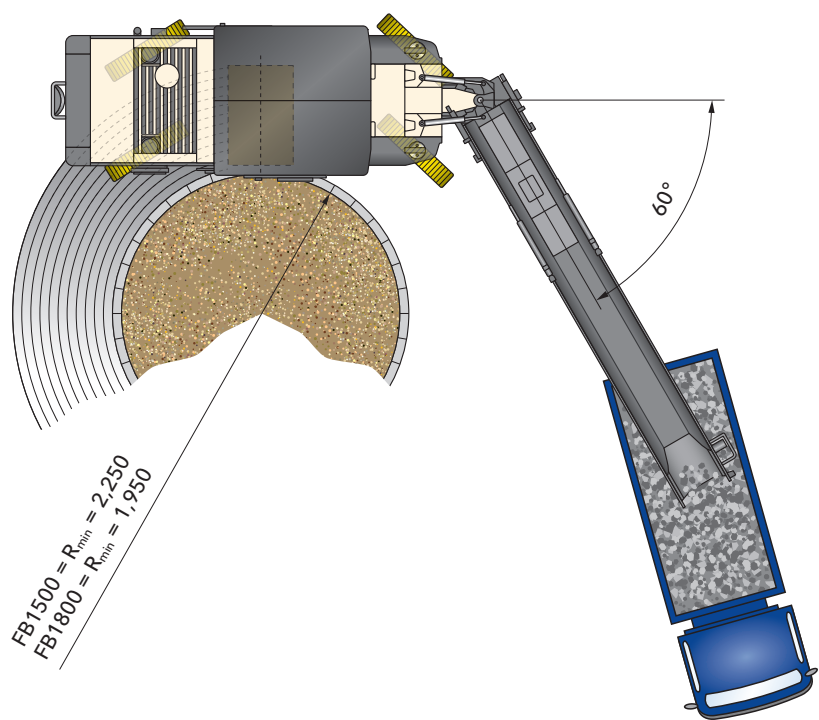
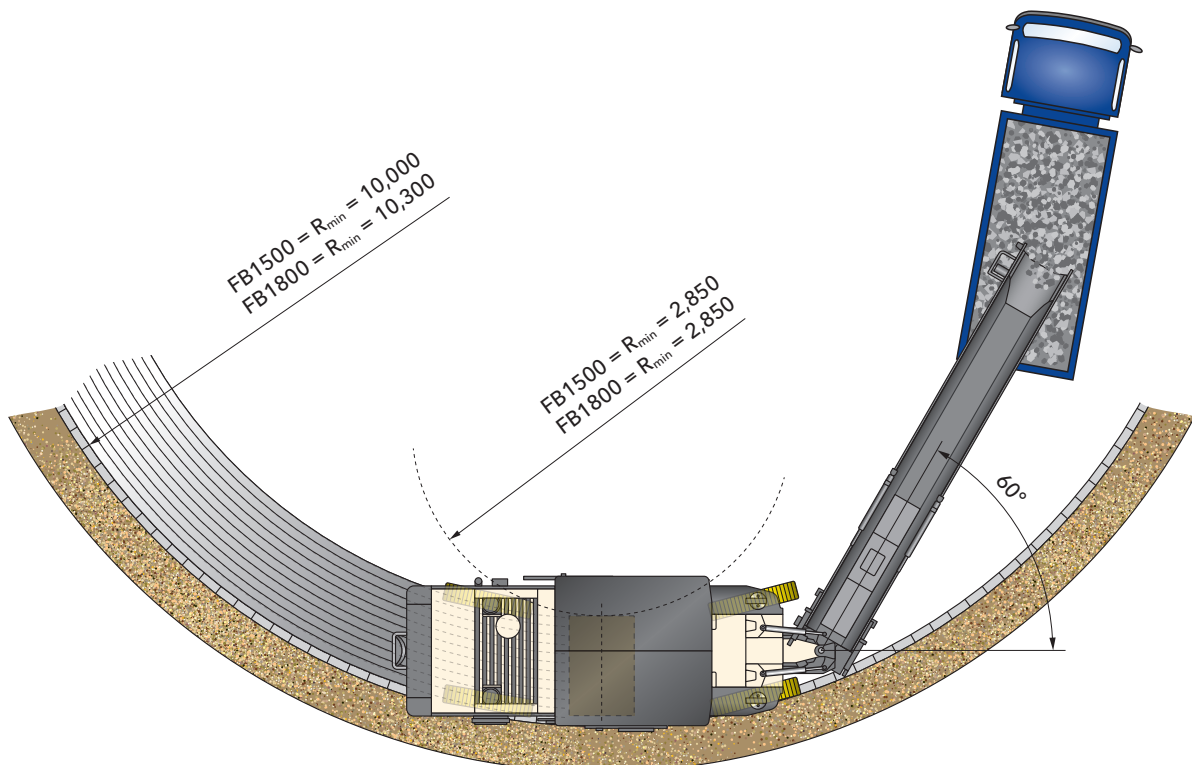
Dimensions



Dimensions in mm

* = Short discharge conveyor in folding design

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



Milling radius, milling depth 150 mm, dimensions in mm

Standard equipment

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	W 150 CF	W 150 CFi
Base machine		
Basic machine with engine	■	■
Machine chassis with wasp waist on the right side (zero edge)	■	■
Electrohydraulically opening engine cover	■	■
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 rpm - 96 rpm - 86 rpm	■	■
Air compressor system	■	■
Exhaust post-treatment diesel oxidation catalytic converter DOC	—	□
Milling drum unit		
The right side of the milling drum housing can easily be folded down for maintenance or milling 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	□	□
Milling drums		
Milling drum FB1500 HT22 LA15 with 136 picks	□	□
Milled-out material loading		
Discharge conveyor slewing angle left 60 degrees - right 60 degrees	■	■
Two slewing speeds on the hydraulically foldable discharge conveyor with an adjustable conveying 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	□	□
Machine control and levelling system		
LEVEL PRO PLUS levelling system right and left	■	■
RAPID SLOPE transverse tilt sensor for LEVEL PRO PLUS levelling 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, replaceable with optional equipment
- = Optional equipment

	W 150 CF	W 150 CFi
Operator's stand		
Convenient operating panel with practical switches	■	■
Multifunctional armrest including colour operating display for one-handed operation of most machine functions	■	■
Digital multi-function display for all important operating conditions	■	■
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	■	■
Scraper height is shown on the display	■	■
Standard operator's seat	□	□
Under-carriage and height adjustment		
Jog mode for height adjustment	■	■
High machine stability due to quadruple pendulum axle	■	■
PTS - machine automatically guided parallel with the road surface	■	■
ISC - intelligent track speed control with hydraulic four chain drive	■	■
Reversing with the milling drum rotating. Simple and fast manoeuvring	■	■
Equipped with extremely wear-resistant 2-piece polyurethane track pads	■	■
Others		
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 access and platform	■	■
Machine preparation for installing the control unit for WITOS® FleetView	■	■
European type test certificate, Euro Test-mark and CE conformity	■	■
Paint standard cream white RAL 9001	□	□
Halogen/LED lighting package including rotating beacon	□	□
Electrohydraulic unit	□	□

- = Standard equipment
- ◻ = Standard equipment, replaceable with optional equipment
- = Optional equipment

Optional equipment

	W 150 CF	W 150 CFi
Base machine		
Exhaust post-treatment diesel oxidation catalyst DOC with diesel particulate filter DPF	—	<input type="checkbox"/>
Milling drum unit		
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"/>
Overload sensor on the scraper	<input type="checkbox"/>	<input type="checkbox"/>
Active floating position for the right and left side plates	<input type="checkbox"/>	<input type="checkbox"/>
Milling drums		
FCS milling drum FB1500 HT22 LA15 with 136 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 HT22 LA18 with 120 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling unit FB1200 HT22 LA15 with 115 Meißeln	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1800 HT22 LA18 with 135 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling unit FB600 HT22 LA12 with 80 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling unit FB900 HT22 LA15 with 102 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 HT22 LA8 with 210 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 HT5 LA6X2 with 512 picks	<input type="checkbox"/>	<input type="checkbox"/>
FCS milling drum FB1500 HT22 LA25 with 102 picks	<input type="checkbox"/>	<input type="checkbox"/>
Milled-out material loading		
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"/>
Machine control and levelling system		
Increased travelling speed (up to 7.5 km/h)	<input type="checkbox"/>	<input type="checkbox"/>
Sonic-Ski sensor for scanning in front of the milling drum right or left	<input type="checkbox"/>	<input type="checkbox"/>
Levelling boom for scanning up to 4 m to the side of the machine	<input type="checkbox"/>	<input type="checkbox"/>
Scanning in front of the milling drum unit	<input type="checkbox"/>	<input type="checkbox"/>
Operating display LEVEL PRO PLUS additionally	<input type="checkbox"/>	<input type="checkbox"/>
Multiplex preliminary equipment comprising 4 sensor sockets and holder	<input type="checkbox"/>	<input type="checkbox"/>
Multiplex 3-way right with 2 ultrasonic sensors	<input type="checkbox"/>	<input type="checkbox"/>
Multiplex 3-way right + left with 4 ultrasonic sensors	<input type="checkbox"/>	<input type="checkbox"/>
Level control 3D levelling pre-equipment	<input type="checkbox"/>	<input type="checkbox"/>
Basic equipment laser levelling without laser transmitter	<input type="checkbox"/>	<input type="checkbox"/>
Milling depth measurement and display in the LEVEL PRO PLUS display	<input type="checkbox"/>	<input type="checkbox"/>
Job data acquisition in the control display	<input type="checkbox"/>	<input type="checkbox"/>

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	W 150 CF	W 150 CFi
Operator's stand		
Comfort operator's seat including seat heating	<input type="checkbox"/>	<input type="checkbox"/>
Weather canopy folds in electrohydraulically	<input type="checkbox"/>	<input type="checkbox"/>
Additional control unit for operating the machine from the ground, left	<input type="checkbox"/>	<input type="checkbox"/>
Heating operator's stand	<input type="checkbox"/>	<input type="checkbox"/>
Others		
Paint in one special colour (RAL)	<input type="checkbox"/>	<input type="checkbox"/>
Paint in two special colours (RAL)	<input type="checkbox"/>	<input type="checkbox"/>
Paint in maximum two special colours with substructure in special colour (RAL)	<input type="checkbox"/>	<input type="checkbox"/>
High-power lighting package LED including rotating beacon	<input type="checkbox"/>	<input type="checkbox"/>
Expanded electro-hydraulic unit	<input type="checkbox"/>	<input type="checkbox"/>
Additional weight 900 kg	<input type="checkbox"/>	<input type="checkbox"/>
Precision steering by pushbuttons	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum assembly trolley to FB1500	<input type="checkbox"/>	<input type="checkbox"/>
Electric preheating of the fuel filter	—	<input type="checkbox"/>
Signal lights truck stop-and-go, folding	<input type="checkbox"/>	<input type="checkbox"/>
Pre-equipped for LED lighting balloons	<input type="checkbox"/>	<input type="checkbox"/>
Water filling hydraulic	<input type="checkbox"/>	<input type="checkbox"/>
High-pressure water cleaner, 150 bar 15 l/min	<input type="checkbox"/>	<input type="checkbox"/>
Milling drum rotation device	<input type="checkbox"/>	<input type="checkbox"/>
Pneumatic hammer with pick ejector/insertor	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulically driven pick ejector 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"/>
WITOS® FleetView telematics system incl. 3-year operating period - PROMOTION	<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 illumination balloon, 24 volt	<input type="checkbox"/>	<input type="checkbox"/>
Large storage compartment on rear of machine	<input type="checkbox"/>	<input type="checkbox"/>

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