



Technical specification

# Cold Milling Machine W 150

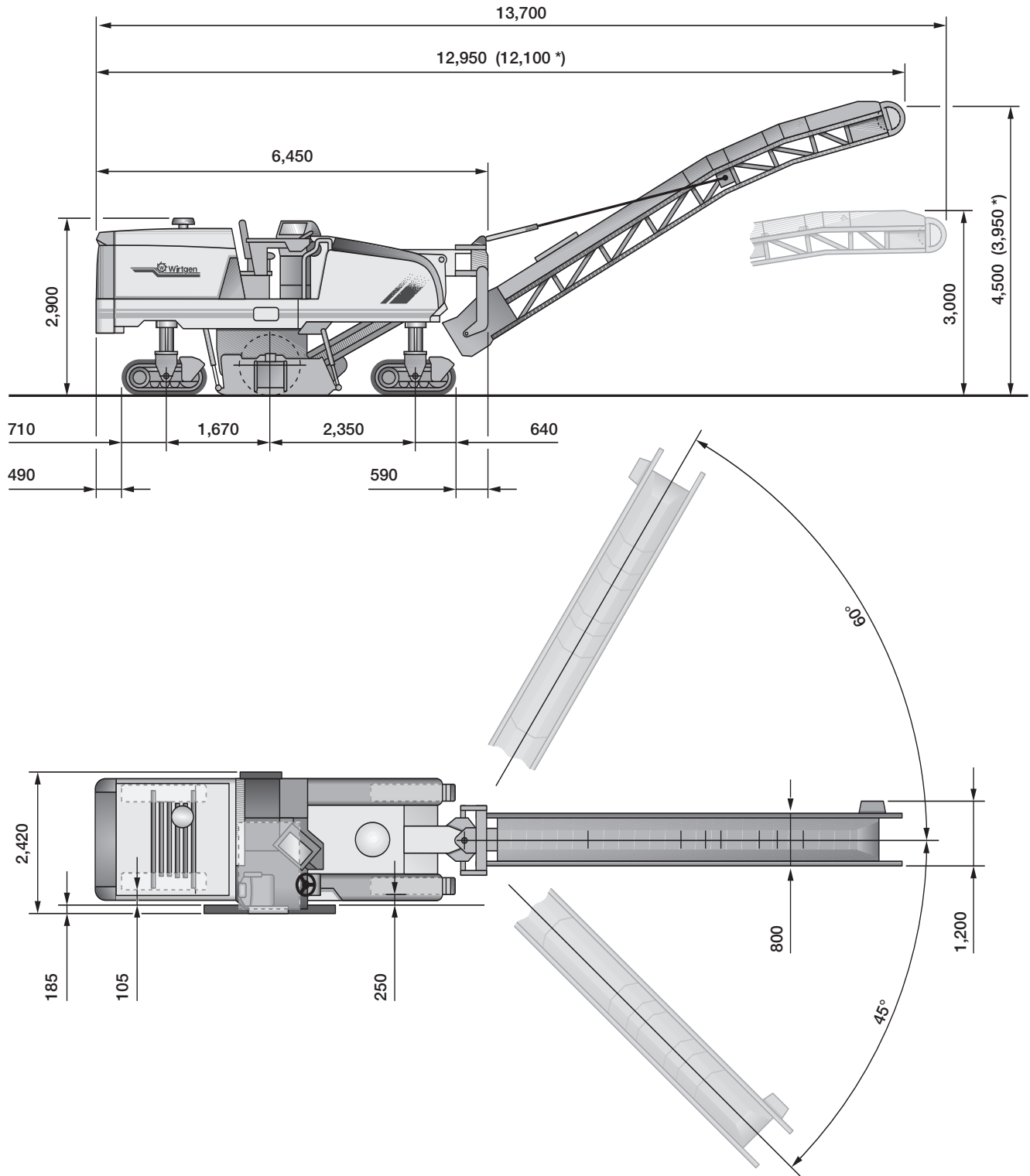


# Technical specification

	<b>Cold milling machine W 150</b>
<b>Milling width</b>	1,200 mm (optionally 1,500 mm)
<b>Milling depth *1</b>	0–320 mm
<b>Milling drum</b>	
Tool spacing	15 mm
Number of tools	115 with 1,200 mm milling width / 135 with 1,500 mm milling width
Drum diameter with tools	980 mm
<b>Engine</b>	
Manufacturer	CUMMINS
Type	QSL 9
Cooling	Water
Number of cylinders	6
Rated power at 2,100 min <sup>-1</sup>	261 kW/350 HP/355 PS
Maximum power at 1,900 min <sup>-1</sup>	276 kW/370 HP/375 PS
Displacement	8.9 l
Fuel consumption, full load	72 l/h
Fuel consumption in field mix	32 l/h
Emission standards	EPA Tier III, EU Stage III a
<b>Electrical system</b>	24 V
<b>Filling capacities</b>	
Fuel tank	810 l
Hydraulic fluid tank	120 l
Water tank	2,150 l
<b>Driving properties</b>	
Travel speed in milling gear, max.	0–32 m/min
Travel speed in travel gear, max.	0–5.3 km/h
<b>Crawler tracks</b>	
Crawler tracks front and rear (L x W x H)	1,350 x 260 x 570 mm
Loading the milled material	
Belt width of primary conveyor	650 mm
Belt width of discharge conveyor	600 mm
Theoretical capacity of discharge conveyor	176 m <sup>3</sup> /h
<b>Shipping dimensions</b>	
Machine (L x W x H)	6,550 x 2,450 x 3,000 mm
Discharge conveyor (L x W x H)	8,200 x 1,300 x 1,500 mm

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

Dimensions in mm



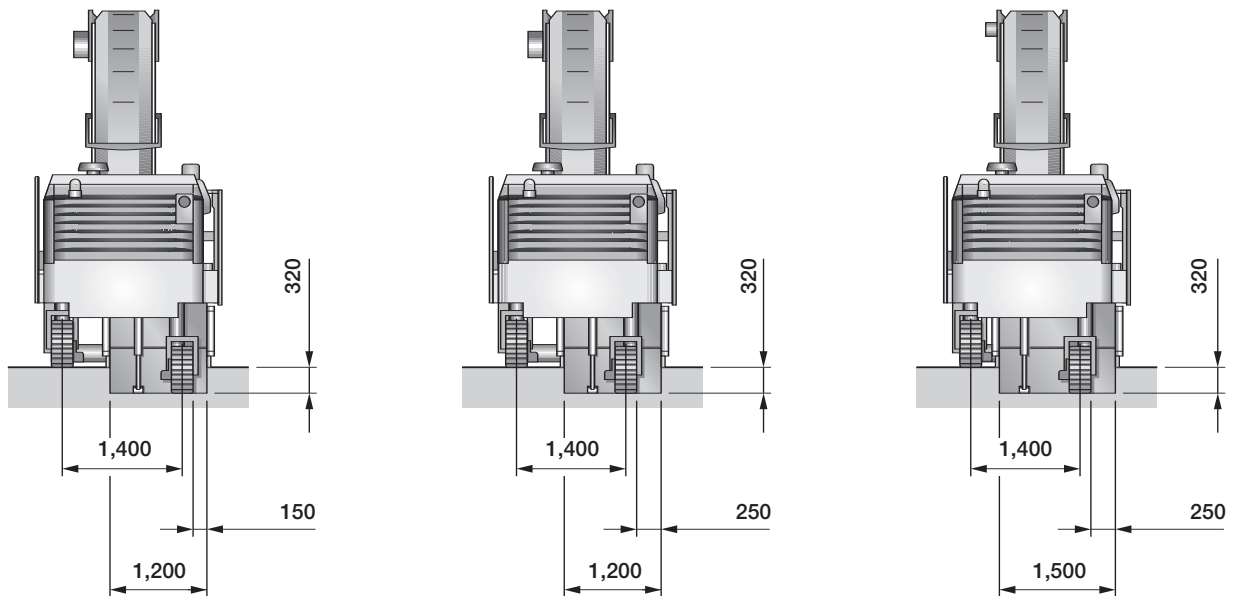
\* = Folding conveyor, short

	Standard weights of cold milling machine W 150
Own weight	18,700 daN (kg)
Operating weight, CE*	20,280 daN (kg)
Operating weight, max.	21,660 daN (kg)
	Add-on weights
Standard milling drum assembly	
Standard milling drum assembly, milling width 1,500 mm, milling depth 0–320 mm, number of cutting tools: 135	450 daN (kg)
FCS Light milling drum assembly	
FCS Light milling drum assembly, milling width 1,200 mm, milling depth 0–320 mm, number of cutting tools: 115	230 daN (kg)
FCS Light milling drum assembly, milling width 1,500 mm, milling depth 0–320 mm, number of cutting tools: 135	710 daN (kg)
FCS milling drum assembly	
FCS milling drum assembly, milling width 1,200 mm, milling depth 0–320 mm, number of cutting tools: 115	440 daN (kg)
Optional equipment	
Canopy	220 daN (kg)
Hydraulic folding conveyor, short	190 daN (kg)
Hydraulic folding conveyor, long	240 daN (kg)
Additional weight	800 daN (kg)

\* = Weight of machine with half-full water tank, half-full fuel tank, driver (75 kg) and tools.

### Rear view of machine with different milling width options

Dimensions in mm



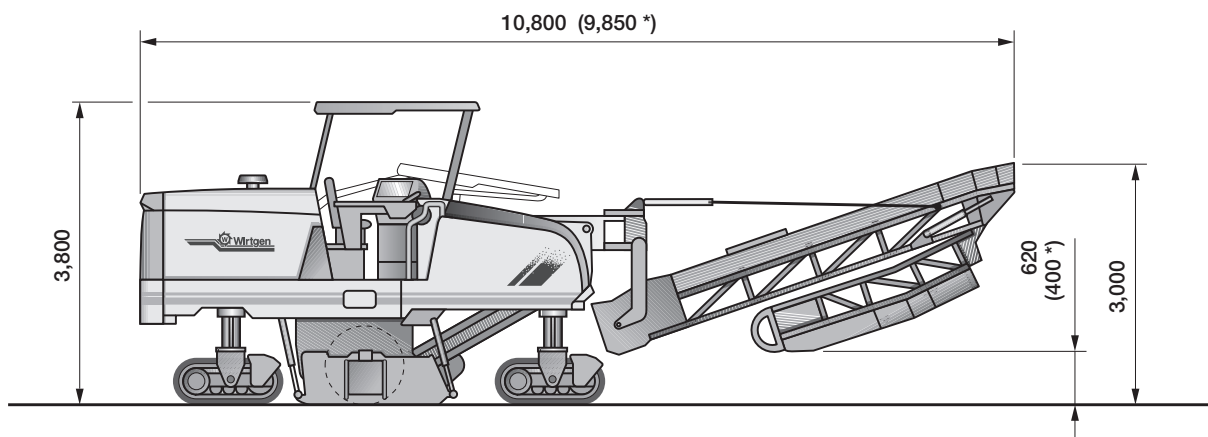
Cold milling machine W 150  
with 1.20 m wide FCS drum assembly

Cold milling machine W 150  
with 1.20 m wide drum assembly

Cold milling machine W 150  
with 1.50 m wide drum assembly

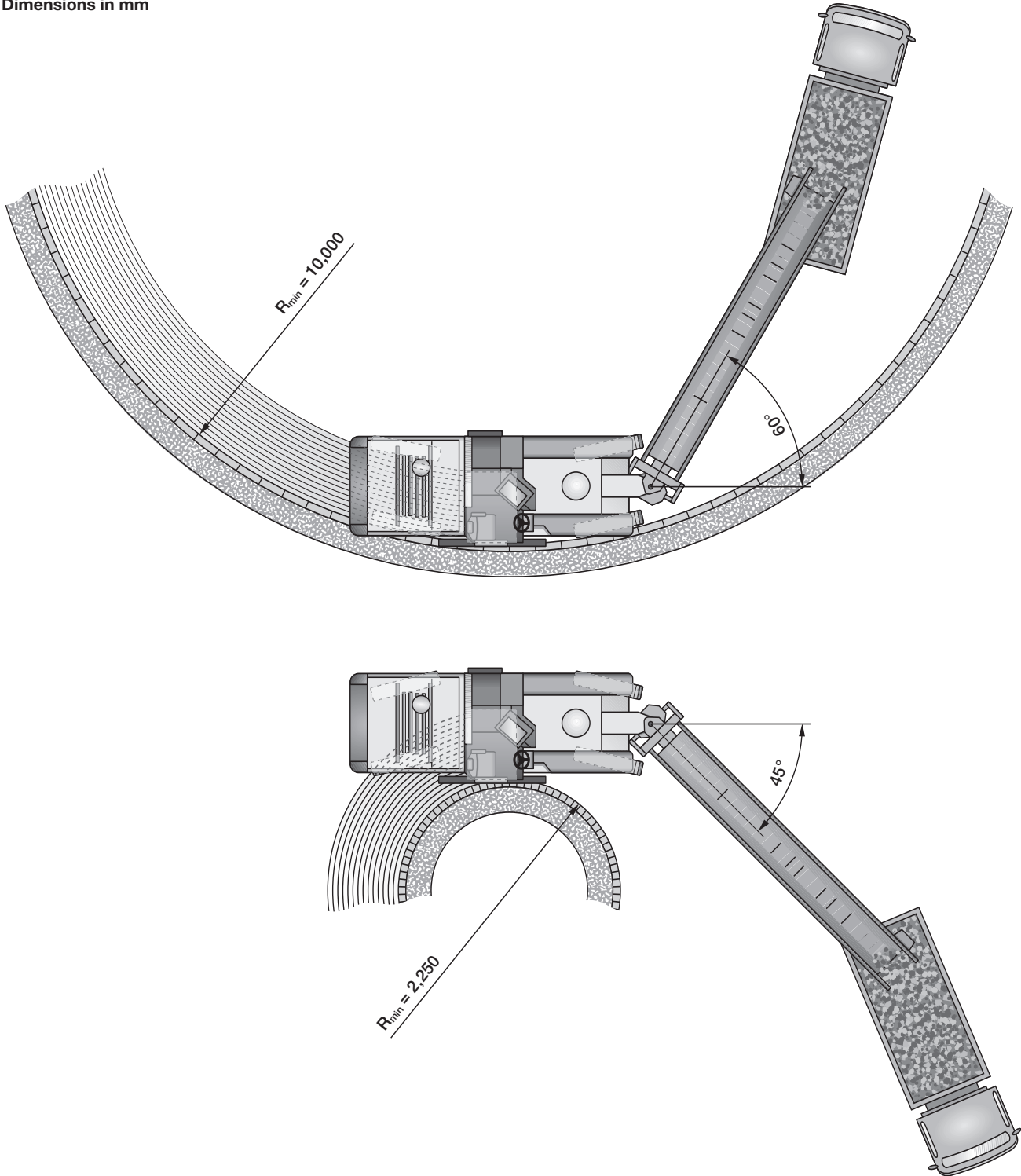
### Machine transport with optional canopy and hydraulic folding conveyor

Dimensions in mm



\* = Folding conveyor, short

**Turning radius of cold milling machine W 150 at 150 mm milling depth**  
Dimensions in mm



## Equipment features of cold milling machine W 150

### Standard equipment:

#### Operator's platform

- Convenient control panel with practical switches
- Right-hand armrest with main operating functions
- Digital multi-functional display for all important operating states
- Night lighting of control panel
- Lockable control panel cover
- Adjustable steering wheel
- Individually adjustable driver's seat
- Access left and right with convenient fold-away ladder
- Exterior rear view mirrors left and right

#### Machine control system WIDRIVE

- Automatically engageable hydraulic traction control (flow divider)
- Automatically engaging maximum milling speed control
- Freely selectable steering modes of crawler tracks
- Automatically engageable high-pressure water system
- Automatically engaging water injection in milling chamber
- Automatically engaging water spray system at primary conveyor
- Automatic adjustment of engine speed

#### Engine

- Electro-hydraulically opening engine cowling
- Water cooler with temperature-related fan speed
- Highly effective soundproofing of entire engine compartment
- Engine supported elastically in rubber mounts

#### Milling drum assembly with milling drum

- Standard assembly with milling width 1,200 mm
- Milling drum in welded double-pin toolholder design
- Additional control switches for scraper blade at ground level
- Right-hand side plate in hinged design
- Hydraulically opening scraper blade with convenient lock mechanism
- Replaceable wearing segments on side plates

#### Loading the milled material

- Discharge conveyor slewing angle 60 degrees left, 45 degrees right
- Adjustable conveying speed

#### Travelling gear / Height adjustment

- Feedback-controlled 4-fold full-floating system
- 4-fold height control
- Extremely wear-resistant polyurethane track pads

#### Miscellaneous

- Comprehensive tool kit
- Lighting package with 10 halogen working lights
- Generously dimensioned water and fuel tanks
- Comprehensive safety package with 3 emergency stop buttons

### Optional equipment:

#### Operator's platform

- Hydraulically folding protective canopy
- Simple sunshade
- Operator's platform heating by conducting warm air to the footwell area

#### Machine control / Levelling

- LEVEL PRO automatic levelling system
- Additional LEVEL PRO control panel
- Optional slope sensor
- Optional scanning in front of milling drum by wire-rope sensor
- Pre-installable Multiplex system
- Additional control functions included in control panel for ground staff

#### Engine

- Cyclonic air filter, complete with 2 pre-filters
- Air compressor system
- Operation of cold milling machine with bio-degradable hydraulic fluid

#### Milling drum assembly

- FCS Light milling drum housing for milling width 1,200 mm
- FCS Light milling drum housing for milling width 1,500 mm
- FCS milling drum housing for milling width 1,200 mm
- Milling drum with milling width 1,200 mm, tool spacing 8 mm, FCS
- Milling drum with milling width 1,200 mm, tool spacing 6x2 mm, FCS
- Milling drum with milling width 1,200 mm, tool spacing 25 mm, FCS
- Milling drum with milling width 1,500 mm, tool spacing 8 mm, FCS
- Milling drum with milling width 1,500 mm, tool spacing 6x2 mm, FCS
- Milling drum with milling width 1,500 mm, HT11, tool spacing 20 mm, FCS
- Milling drums with HT11 quick-change toolholder system
- Hydraulically lifting side plates
- Additional locking valve for scraper blade
- Mounting carriage for milling drums
- Drum turning device for cutting tool replacement
- Pneumatic cutting tool driver and extractor

#### Loading the milled material

- Discharge conveyor long, 8.2 m, in hydraulic folding conveyor design
- Discharge conveyor short, 7.3 m, in hydraulic folding conveyor design
- VCS – Vacuum Cutting System for dust extraction
- Hydraulically lifting primary conveyor

#### Miscellaneous

- Special painting
- Lighting package with 4 halogen and 6 Xenon working lights
- Bolt-on supplementary weight, 800 kg
- Hydraulically operated filling pump for water tank
- High-pressure water cleaner
- Towing device
- Camera system including 2 or 3 cameras



Wirtgen GmbH  
Reinhard-Wirtgen-Strasse 2 · 53578 Windhagen · Germany  
Phone: +49 (0) 26 45/131-0 · Fax: +49 (0) 26 45/131-242  
Internet: [www.wirtgen.com](http://www.wirtgen.com) · E-Mail: [info@wirtgen.com](mailto:info@wirtgen.com)