



Technical specification

Cold milling machine W 50 DC

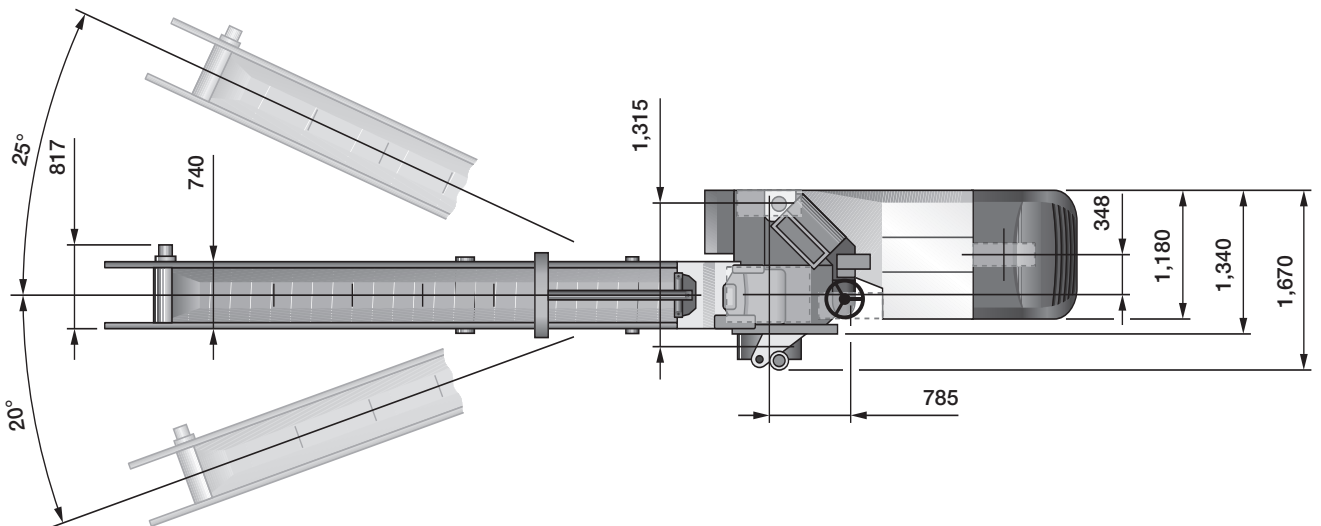
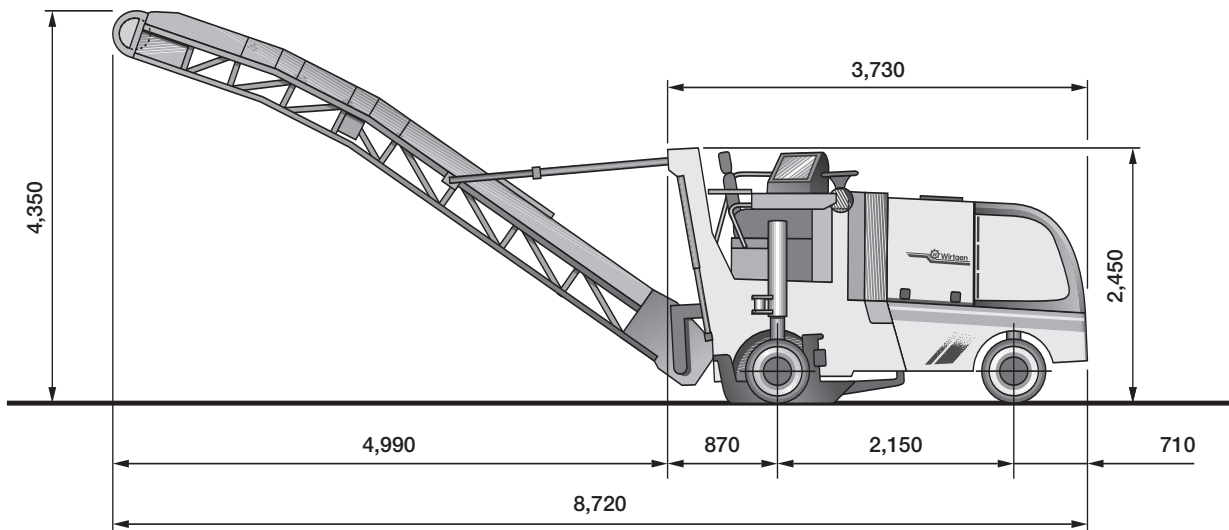


Technical specification

	Cold milling machine W 50 DC
Milling width max.	500 mm
Milling depth *1	0–210 mm
Milling drum	
Tool spacing	15 mm
Number of tools	50
Drum diameter with tools	750 mm
Engine	
Manufacturer	Deutz AG
Type	TCD2012 L04 2V AG3
Cooling	Water
Number of cylinders	4
Rated power at 2,100 min ⁻¹	92 kW/123 HP/125 PS
Displacement	4,038 cm ³
Fuel consumption, 1/1 load	23.7 l/h
Fuel consumption in field mix	16.0 l/h
Emission standards	2004/26/EU, Stage III a, EPA TIER III
Electrical system	24 V
Tank capacities	
Fuel tank	230 l
Hydraulic fluid tank	80 l
Water tank	600 l
Speed/gradeability	
Travel speed in milling gear, max.	0–27 m/min
Travel speed in travel gear, max.	0–5.3 km/h
Tyres	
Type	Solid rubber
Tyre size front and rear, 3-wheeled model (dia. x W)	559 x 254 mm
Tyre size front, 4-wheeled model (dia. x W)	559 x 203 mm
Tyre size rear, 4-wheeled model (dia. x W)	559 x 254 mm
Conveyor system	
Belt width	400 mm
Theoretical conveyor capacity	82 m ³ /h
Shipping dimensions	
Machine dimensions (L x W x H)	3,730 x 1,670 x 2,450 mm
Conveyor dimensions (L x W x H)	6,100 x 817 x 1,200 mm

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

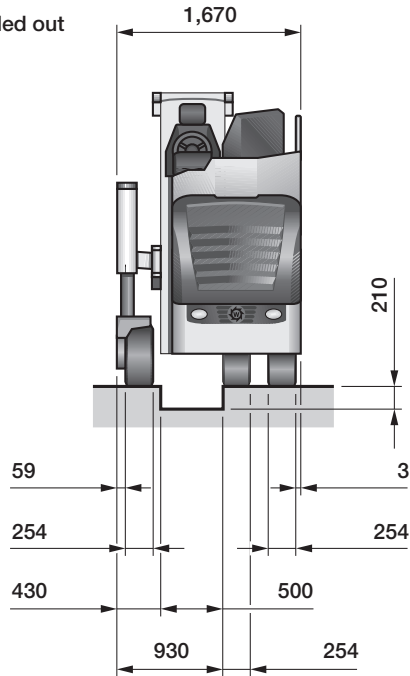
Dimensions in mm



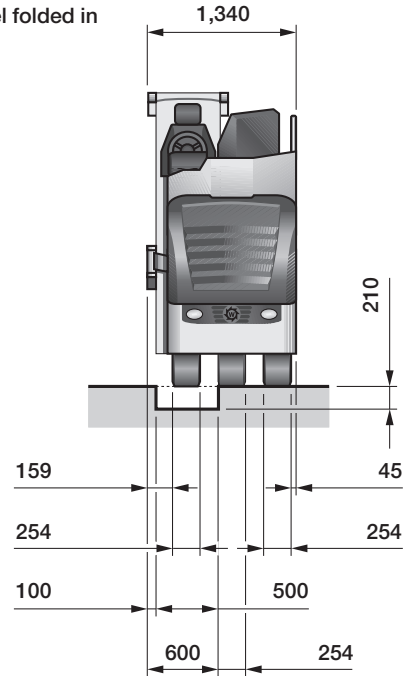
Front view of W 50 DC, 3-wheeled model

Dimensions in mm

with support wheel folded out



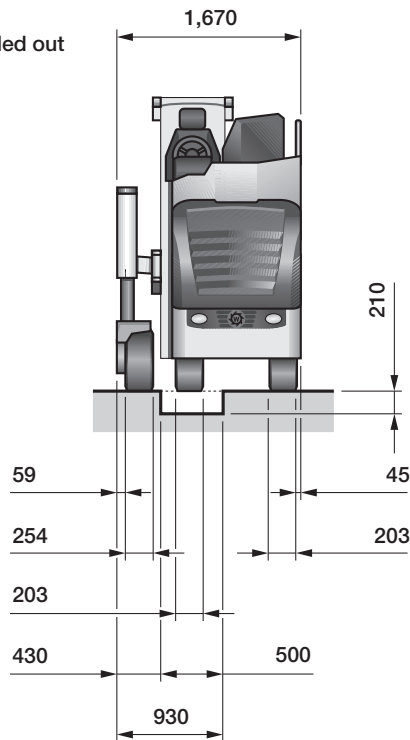
with support wheel folded in



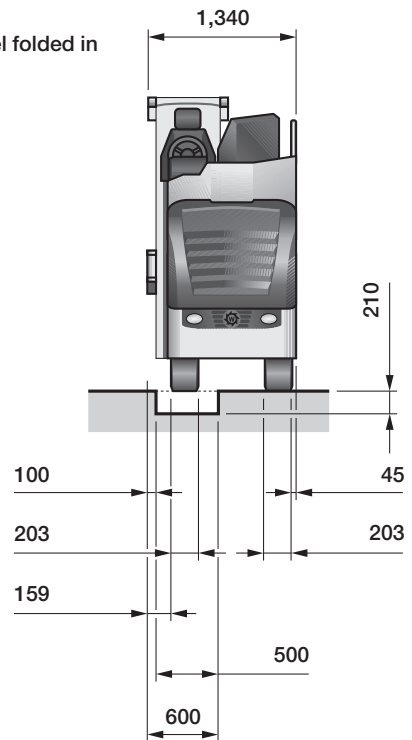
Front view of W 50 DC, 4-wheeled model

Dimensions in mm

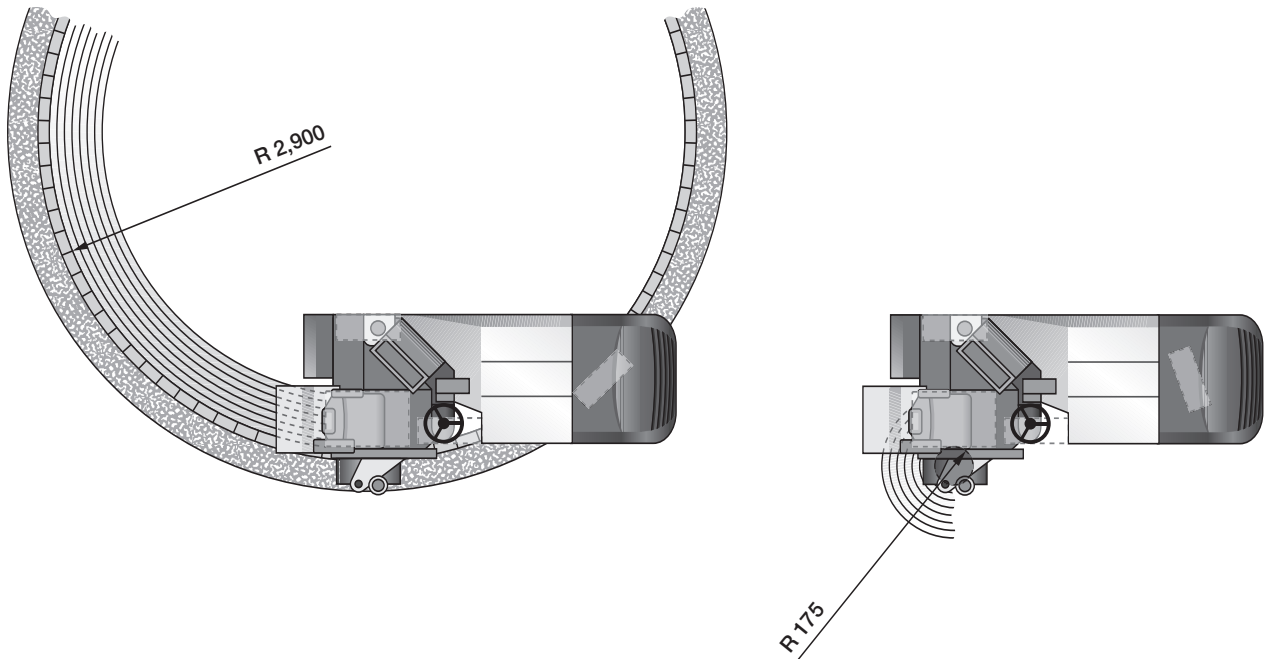
with support wheel folded out



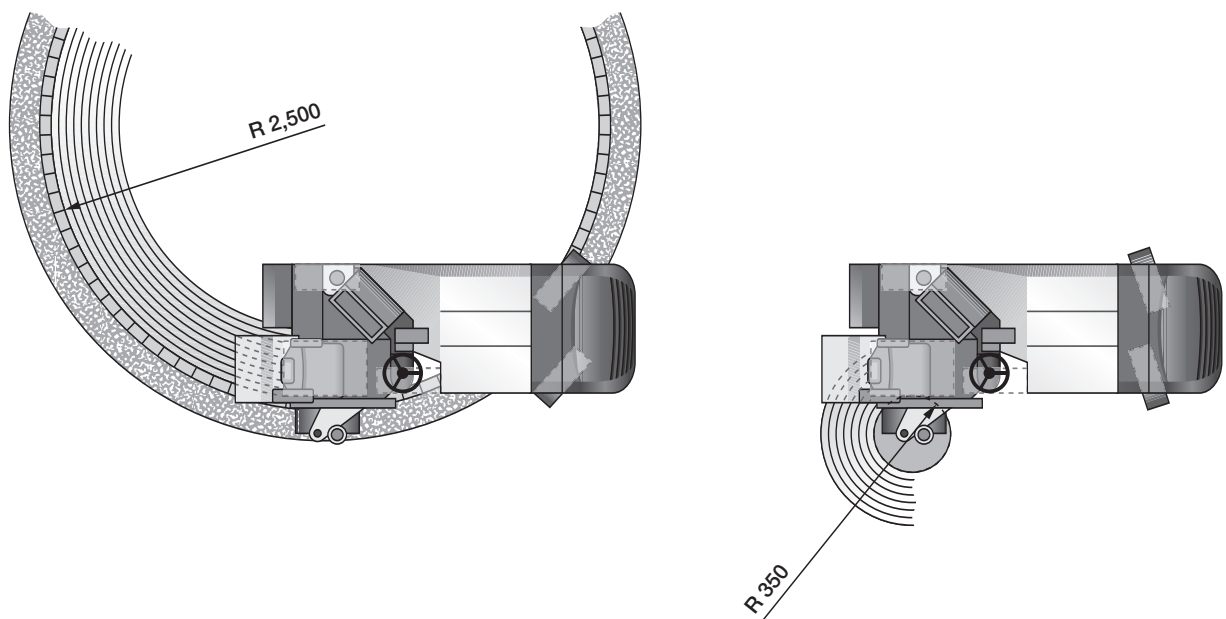
with support wheel folded in



Milling radius of W 50 DC, 3-wheeled model, 50 mm milling depth
Dimensions in mm

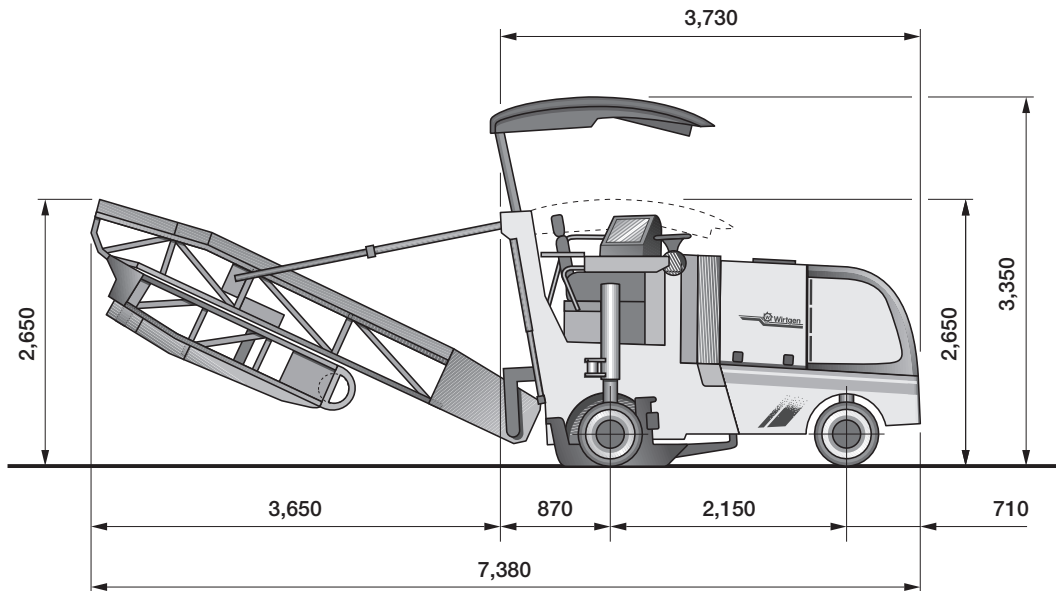


Milling radius of W 50 DC, 4-wheeled model, 50 mm milling depth
Dimensions in mm



Machine transport with optional folding conveyor and canopy roof

Dimensions in mm



	Standard weights of cold milling machine W 50 DC 3-wheeled model with long conveyor
Own weight	7,300 daN (kg)
Operating weight, CE *	7,800 daN (kg)
Operating weight, max.	8,100 daN (kg)
Added / Reduced weight	
Optional loading conveyors	
Without conveyor and standard scraper blade	- 650 daN (kg)
Short conveyor with standard scraper blade	- 200 daN (kg)
Long folding conveyor with standard scraper blade	50 daN (kg)
FCS equipment	
FCS scraper blade	180 daN (kg)
Optional equipment	
Four-wheel design	250 daN (kg)
Canopy	200 daN (kg)

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

Equipment features of cold milling machine W 50 DC

Standard equipment:

Operator's platform

- Convenient access to operator's platform
- Fully vibration-damped operator's platform
- Standard driver's seat adjustable in direction of travel
- Convenient control panel with practical switches
- Digital multi-functional display in control panel
- Height-adjustable steering wheel
- Multi-functional machine operation integrated in right-hand armrest
- Lockable covers for control panels
- Exterior rear view mirrors left and right
- Reversing horn

Machine control system

- Mechanical milling depth display via clock left and right
- Automatically engageable hydraulic traction control (flow divider)
- Automatically engaging maximum milling speed control
- Engageable water injection in milling chamber

Engine

- Water-cooled engine
- Highly effective soundproofing of entire engine compartment

Milling drum assembly with milling drum

- Milling drum in welded double-pin toolholder design
- Right-hand side plate in hinged design
- Hydraulically adjustable front sealing
- Additional lock-valve for scraper blade

Loading the milled material

- Discharge conveyor, 5,600 mm long
- Discharge conveyor slewing angle left 25 degrees
- Discharge conveyor slewing angle right 20 degrees
- Hydraulic quick-release couplings at loading conveyor
- Conveyor system with adjustable conveying speed

Travelling gear / Height adjustment

- 3-wheeled chassis
- Hydraulically folding rear right support wheel
- Height adjustment via proportional valve control
- Proportional speeds for height adjustment

Miscellaneous

- Lighting package with 3 spotlights
- Comprehensive tool kit
- Comprehensive safety package with 1 emergency stop button
- Additional storage compartment for cutting tool containers

Optional Equipment:

Operator's platform

- Canopy, electro-hydraulically adjustable in height and mechanically adjustable to either side
- Sunshade
- Comfort driver's seat with individual adjustment to either side and in longitudinal direction
- Additional illumination of control panel, night design

Machine control system

- Digital electric height indication
- Automatic levelling system Level Pro with one wire-rope sensor each edge protection right, and edge protection left
- Slope sensor

Engine

- Operation of cold milling machine with bio-degradable hydraulic fluid

Milling drum assembly with milling drum

- Milling drum unit, 400 mm milling width, HT01, with scraper blade
- Milling drum unit, 300 mm milling width, HT01, with scraper blade
- Milling ring, 80 mm milling width, 300 mm milling depth
- Fine milling drum, 500 mm milling width, HT01, 6 mm tool spacing
- Hydraulically lifting drum plates
- FCS tandem scraper
- Mounting carriage for milling drums

Loading the milled material

- Mechanically folding discharge conveyor, 5,600 mm long
- Short discharge conveyor, 1,100 mm long
- Model without loading conveyor but with scraper blade
- Model without loading conveyor and without scraper blade with simple flap

Travelling gear / Height adjustment

- 4-wheeled chassis

Miscellaneous

- Special painting
- Lighting package with 3 spotlights and direction indicators
- Additional hydraulic connection for ancillary hydraulic equipment



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