



Technical specification

Cold Milling Machine W 150

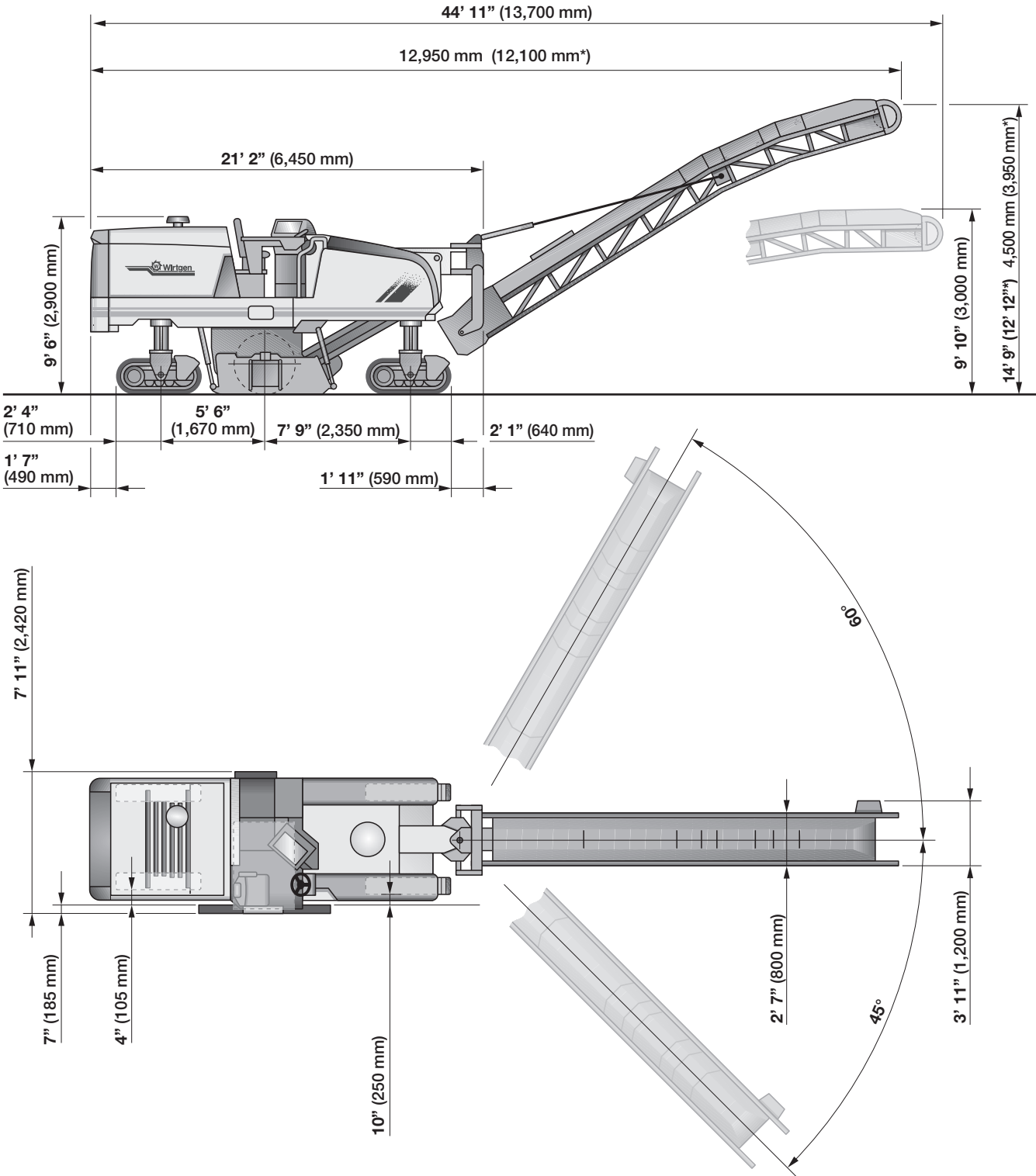


Technical specification

Cold milling machine W 150	
Milling width	3' 11" (1,200 mm) optionally 4' 11" (1,500 mm)
Milling depth *1	0–13" (0–320 mm)
Milling drum	
Tool spacing	5/8" (15 mm)
Number of tools	115 with 3' 11" (1,200 mm) milling width / 135 with 4' 11" (1,500 mm) milling width
Drum diameter with tools	39" (980 mm)
Engine	
Manufacturer	CUMMINS
Type	QSL 9
Cooling	Water
Number of cylinders	6
Rated power at 2,100 min ⁻¹	261 kW/350 HP/355 PS
Maximum power at 1,900 min ⁻¹	276 kW/370 HP/375 PS
Displacement	2.4 gal (8.9 l)
Fuel consumption, full load	19 gal/h (72 l/h)
Fuel consumption in field mix	8.5 gal/h (32 l/h)
Emission standards	EPA Tier III, EU Stage III a
Electrical system	24 V
Filling capacities	
Fuel tank	214 gal (810 l)
Hydraulic fluid tank	31.7 gal (120 l)
Water tank	568 gal (2,150 l)
Driving properties	
Travel speed in milling gear, max.	0–105 ft/min (0–32 m/min)
Travel speed in travel gear, max.	0–3.2 mph (0–5.3 km/h)
Crawler tracks	
Crawler tracks front and rear (L x W x H)	4' 5" x 10" x 1' 10" (1,350 x 260 x 570 mm)
Loading the milled material	
Belt width of primary conveyor	2' 2" (650 mm)
Belt width of discharge conveyor	2' (600 mm)
Theoretical capacity of discharge conveyor	230.2 yd ³ (176 m ³ /h)
Shipping dimensions	
Machine (L x W x H)	21' 6" x 8' x 9' 10" (6,550 x 2,450 x 3,000 mm)
Discharge conveyor (L x W x H)	26' 11" x 4' 3" x 4' 11" (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



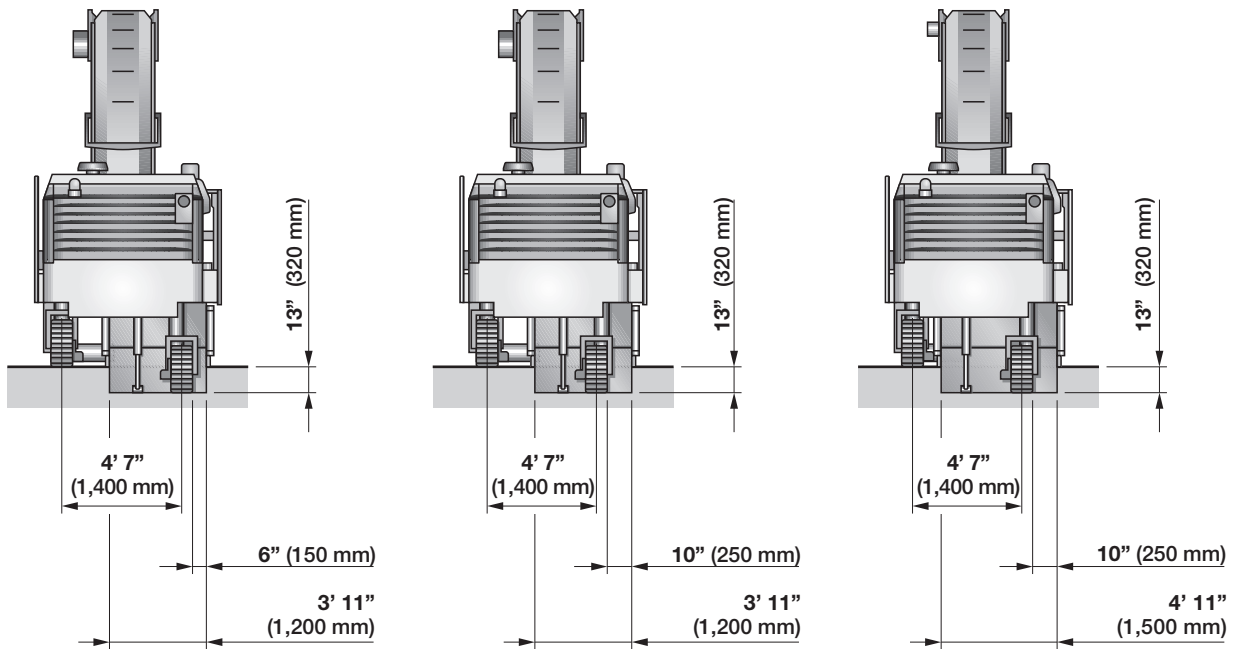
* = Folding conveyor, short

	Standard weights of cold milling machine W 150
Shipping weight	41,226 lbs (18,700 daN (kg))
Operating weight, CE*	44,710 lbs (20,280 daN (kg))
Operating weight, max.	47,752 lbs (21,660 daN (kg))
	Add-on weights
Standard milling drum assembly	
Standard milling drum assembly, milling width 4' 11" (1,500 mm), milling depth 0 – 13" (0–320 mm), number of cutting tools: 135	992.1 lbs (450 daN (kg))
FCS Light milling drum assembly	
FCS Light milling drum assembly, milling width 3' 11" (1,200 mm), milling depth 0 – 13" (0–320 mm), number of cutting tools: 115	507.1 lbs (230 daN (kg))
FCS Light milling drum assembly, milling width 4' 11" (1,500 mm), milling depth 0 – 13" (0–320 mm), number of cutting tools: 135	1,595.3 lbs (710 daN (kg))
FCS milling drum assembly	
FCS milling drum assembly, milling width 3' 11" (1,200 mm), milling depth 0 – 13" (0–320 mm), number of cutting tools: 115	970 lbs (440 daN (kg))
Optional equipment	
Canopy	485 lbs (220 daN (kg))
Hydraulic folding conveyor, short	418.9 lbs (190 daN (kg))
Hydraulic folding conveyor, long	529.1 lbs (240 daN (kg))
Additional weight	1,763.7 lbs (800 daN (kg))

* = Weight of machine with half-full water tank, half-full fuel tank, driver (165.3 lbs/75 kg) and tools.

Rear view of machine with different milling width options

Dimensions



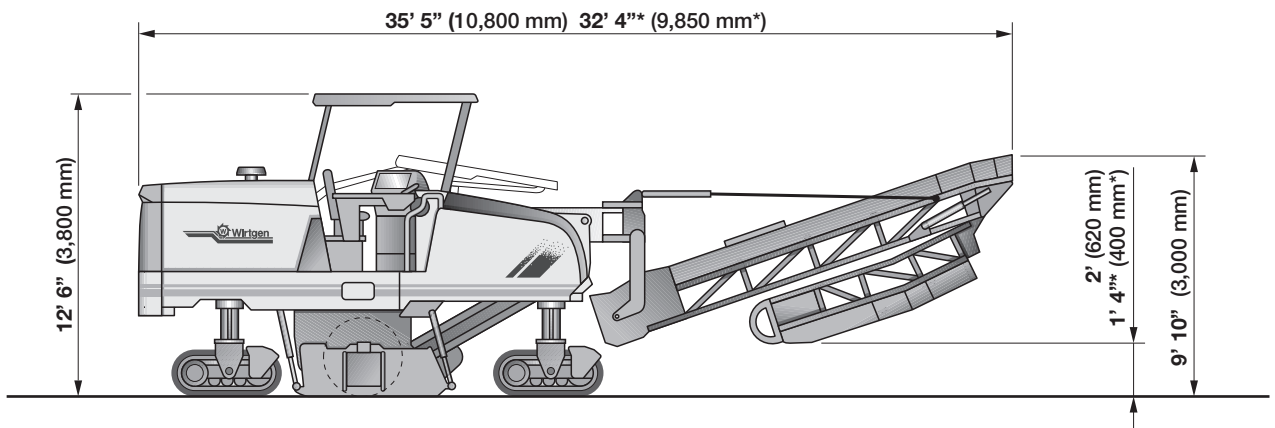
Cold milling machine W 150 with 3' 11" (1.20 m) wide FCS drum assembly

Cold milling machine W 150 with 3' 11" (1.20 m) wide drum assembly

Cold milling machine W 150 with 4' 11" (1.50 m) wide drum assembly

Machine transport with optional canopy and hydraulic folding conveyor

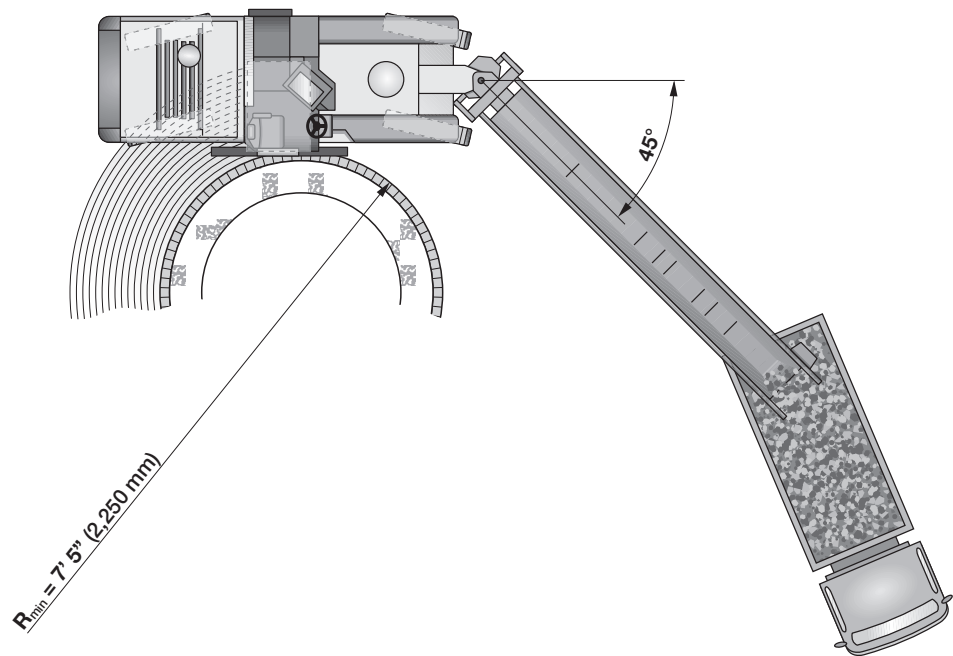
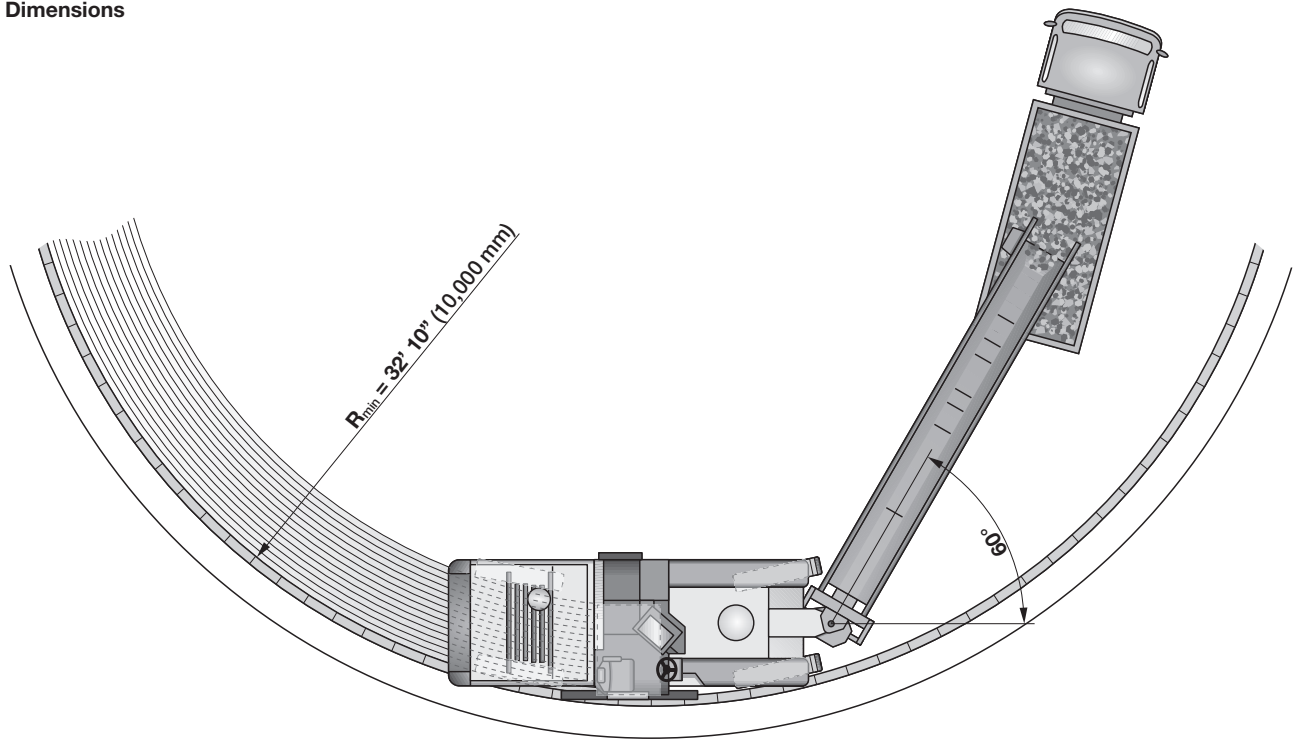
Dimensions



* = Folding conveyor, short

Turning radius of cold milling machine W 150 at 6" (150 mm) milling depth

Dimensions



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 3' 11" (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 3' 11" (1,200 mm)
- ✔ FCS Light milling drum housing for milling width 4' 11" (1,500 mm)
- ✔ FCS milling drum housing for milling width 3' 11" (1,200 mm)
- ✔ Milling drum with milling width 3' 11" (1,200 mm), tool spacing 8 mm, FCS
- ✔ Milling drum with milling width 3' 11" (1,200 mm), tool spacing 6x2 mm, FCS
- ✔ Milling drum with milling width 3' 11" (1,200 mm), tool spacing 25 mm, FCS
- ✔ Milling drum with milling width 4' 11" (1,500 mm), tool spacing 8 mm, FCS
- ✔ Milling drum with milling width 4' 11" (1,500 mm), tool spacing 6x2 mm, FCS
- ✔ Milling drum with milling width 4' 11" (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, 26' 11" (8.2 m), in hydraulic folding conveyor design
- ✔ Discharge conveyor short, 23' 11" (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, 1,763.7 lbs (800 kg)
- ✔ Hydraulically operated filling pump for water tank
- ✔ High-pressure water cleaner
- ✔ Towing device
- ✔ Camera system including 2 or 3 cameras



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