

Technical Specifications

W 220 Fi

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Milling Drum	
Milling width	2,200 mm
Milling depth *1	0 – 350 mm
Cutting diameter	1,140 mm
Engine	
Manufacturer	Caterpillar
Type	C18 ATAAC
Cooling	Water
Number of cylinders	6
Rated power at 1,950 rpm	597 kW / 801 hp / 812 PS
Maximum power at 1,700 rpm	597 kW / 801 hp / 812 PS
Displacement	18.1 l
Fuel consumption at rated power during a mixture of job site operations	150 l / h 60 l / h
Sound power level in accordance with EN 500-2 engine operator's platform	≤ 113 dB(A) ≥ 80 dB(A)
Emissions standard	EU Stage 5 / US EPA Tier 4f
Electrical System	
Power supply	24 V
Tank Capacities	
Fuel	1,300 l
Hydraulic oil	120 l
Water	4,150 l
Driving Performance	
Max. travel and milling speed	0 – 88 m / min (5.3 km / h)
Crawler Units	
Crawler units front / back (L x W x H)	2,000 x 370 x 750 mm
Loading of Milled Material	
Belt width of primary conveyor	1,100 mm
Belt width of discharge conveyor	1,000 mm
Theoretical capacity of discharge conveyor	552 m³/h

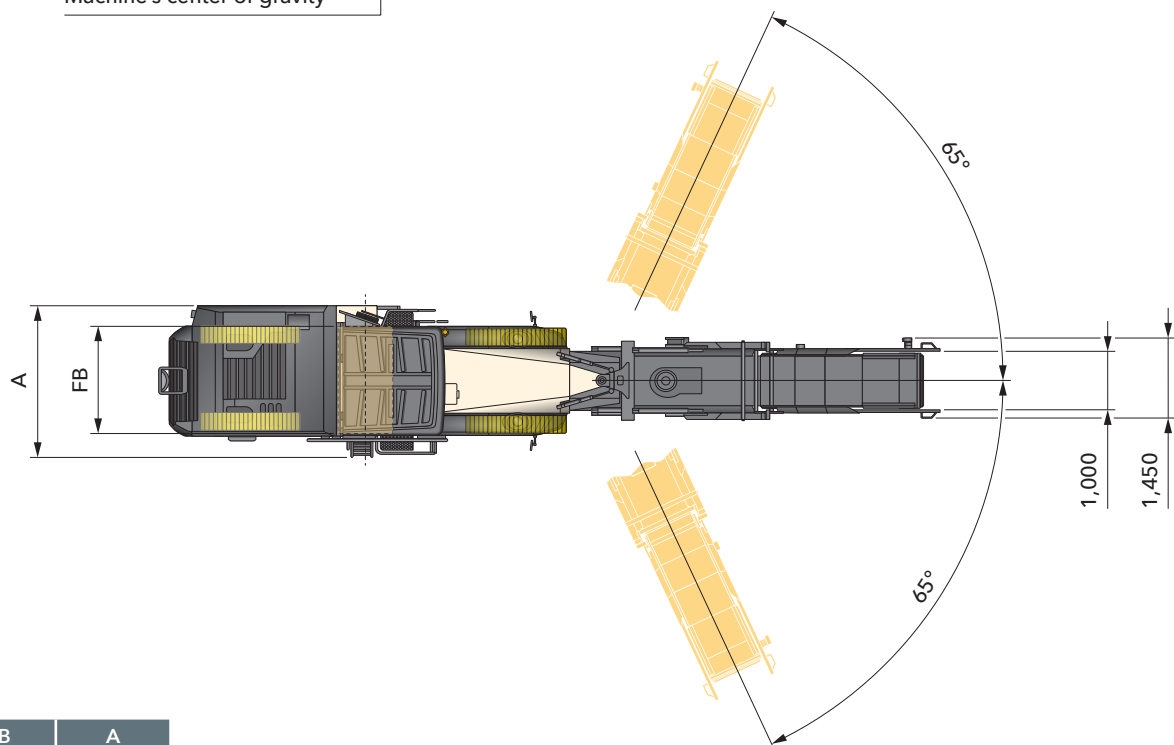
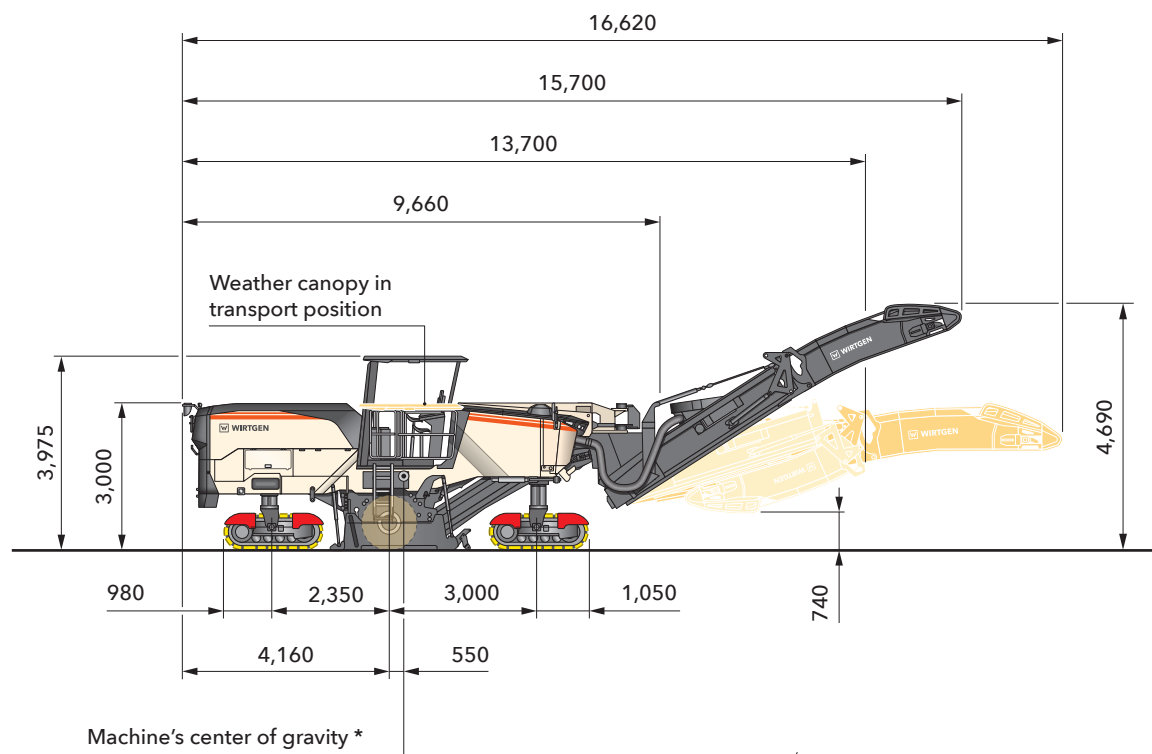
*1 = The maximum milling depth may deviate from the value indicated due to tolerances and wear.

Base Machine Weight	
Empty weight of machine without fluids	34,400 kg
Operating weight, CE *2	37,100 kg
Maximum operating weight (full tanks, full range of equipment) in FB2200	43,900 kg
Weight of Tank Contents	
Water	4,150 kg
Fuel (0.83 kg / l)	1,080 kg
Additional Weight	
Operator and Tools	
Machine operator	75 kg
5 pick containers	125 kg
Vehicle tool kit	30 kg
Optional Milling Drum Units Instead of Standard	
Milling drum housing MCS BASIC FB2200	650 kg
Milling drum housing MCS BASIC FB2500	1,650 kg
Milling drum housing MCS EXTEND FB3500	3,500 kg
Milling drum housing MCS EXTEND FB3800	4,500 kg
Optional Milling Drums Instead of Standard	
Milling drum FB2200 HT22 LA18 with 156 picks	-210 kg
Optional MCS Milling Drums Instead of Standard	
Milling drum MCS BASIC FB2200 HT22 LA15 with 180 picks	100 kg
Milling drum MCS BASIC FB2200 HT22 LA18 with 156 picks	-110 kg
Milling drum MCS BASIC FB2200 HT22 LA15 with 18 standard picks and 162 PCD tools	150 kg
Milling drum MCS BASIC FB2500 HT22 LA15 with 196 picks	390 kg
Milling drum MCS EXTEND FB3500 HT22 LA15, multi-part, with 294 picks	2,020 kg
Milling drum MCS EXTEND FB3800 HT22 LA15, multi-part, with 314 picks	2,450 kg
Optional Additional Equipment	
Operator's platform with functional stand-up seat, large storage compartment	80 kg
Operator's platform with functional stand-up seat, large storage compartment, and weather protection canopy	600 kg
Operator's platform with a high-quality comfort cabin	850 kg
Two additional weights with a total weight of 1,500 kg	1,500 kg
Large storage compartment at the rear of the machine for 72 pick containers	200 kg
Extension of MCS BASIC with a hydraulically opening side panel for FB2200 / FB2500	50 kg
VCS extraction system	140 kg
Extension of LEVEL PRO ACTIVE with leveling booms and one Sonic Ski sensor	80 kg
Extension of LEVEL PRO ACTIVE with two ultrasonic sensors for multiplex scanning	40 kg
Extension of LEVEL PRO ACTIVE with four ultrasonic sensors for multiplex scanning	80 kg

*2 = Machine weight, half-full tanks, vehicle tool kits, machine operator, excluding optional equipment

Dimensions

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FB	A
2,200	2,840
2,500	3,140
3,500	4,000
3,800	4,300

Dimensions in mm

* Based on operating weight, CE with conveyor folded out

