

Technical Specifications

W 100 CF | W 100 CFi | W 120 CF | W 120 CFi | W 130 CF | W 130 CFi

	W 100 CF	W 120 CF	W 130 CF
Milling Drum			
Milling width	1,000 mm	1,200 mm	1,300 mm
Milling depth*1	0 - 330 mm		
Cutting diameter	980 mm		
Engine			
Manufacturer	CUMMINS		
Type	QSL 9		
Cooling	Water		
Number of cylinders	6		
Rated power at 2,100 rpm	246 kW / 330 hp / 334 PS		
Maximum power at 1,900 rpm	261 kW / 350 hp / 355 PS		
Displacement	8.9 l		
Fuel consumption at rated power during a mixture of job site operations	69 l/h 28 l/h		
Sound power level in accordance with DIN EN 500-2 engine operator's platform	≤ 108 dB(A) ≥ 80 dB(A)		
Emissions standard	EU Stage 3a / US EPA Tier 3		
Electrical System			
Power supply	24 V		
Tank Capacities			
Fuel	610 l		
Hydraulic oil	130 l		
Water	1,400 l	1,600 l	1,600 l
Driving Performance			
Max. milling speed	0 - 43 m / min (2.6 km / h)		
Max. speed on wheels	0 - 125 m / min (7.5 km / h)		
Max. speed on tracks	0 - 97 m / min (5.8 km / h)		
Track Units			
Tire size, front / rear (D x W)	660 x 280 mm		
Track chains front / back (L x W x H)	1,330 x 260 x 550 mm		
Loading of Milled Material			
Belt width of primary conveyor	650 mm		
Belt width of discharge conveyor	600 mm		
Theoretical capacity of discharge conveyor	176 m ³ /h		

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

	W 100 CFi	W 120 CFi	W 130 CFi
Milling Drum			
Milling width	1,000 mm	1,200 mm	1,300 mm
Milling depth * ¹	0 - 330 mm		
Cutting diameter	980 mm		
Engine			
Manufacturer	CUMMINS		
Type	QSL 9		
Cooling	Water		
Number of cylinders	6		
Rated power at 2,100 rpm	248 kW / 333 hp / 337 PS		
Maximum power at 1,900 rpm	257 kW / 345 hp / 350 PS		
Displacement	8.9 l		
Fuel consumption at rated power during a mixture of job site operations	67 l / h 27 l / h		
Sound power level in accordance with DIN EN 500-2 engine operator's platform	≤ 103 dB(A) ≥ 80 dB(A)		
Emissions standard	EU Stage 5		
Electrical System			
Power supply	24 V		
Tank Capacities			
Fuel	610 l		
AdBlue® / DEF * ²	35 l		
Hydraulic oil	130 l		
Water	1,400 l	1,600 l	1,600 l
Driving Performance			
Max. milling speed	0 - 43 m / min (2.6 km / h)		
Max. speed on wheels	0 - 125 m / min (7.5 km / h)		
Max. speed on tracks	0 - 97 m / min (5.8 km / h)		
Track Units			
Tire size, front / rear (D x W)	660 x 280 mm		
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Loading of Milled Material			
Belt width of primary conveyor	650 mm		
Belt width of discharge conveyor	600 mm		
Theoretical capacity of discharge conveyor	176 m ³ /h		

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

*² = AdBlue® is a registered trademark of the German Association of the Automotive Industry (VDA)

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	W 100 CF	W 120 CF	W 130 CF
Basic Machine Weight			
Net weight of machine without fluids	17,800 kg	18,700 kg	19,100 kg
Operating weight, CE* ¹	18,850 kg	19,850 kg	20,250 kg
Maximum operating weight (full tanks, full range of equipment)	22,700 kg	24,000 kg	24,500 kg
Weight of Tank Contents			
Water	1,400 kg	1,600 kg	1,600 kg
Fuel (0.83 kg / l)	506 kg		
Additional Weight			
Operator and Tools			
Machine operator	75 kg		
5 pick containers	125 kg		
Vehicle tool kit	30 kg		
Optional Milling Drum Assemblies Instead of Standard			
FB1000 FCS milling drum housing	280 kg	-	-
FB1200 FCS milling drum housing	-	330 kg	-
FB1300 FCS milling drum housing	-	-	370 kg
FB1000 FCS tandem scraper	180 kg	-	-
FB1200 FCS tandem scraper	-	210 kg	-
FB1300 FCS tandem scraper	-	-	225 kg
Optional Milling Drums Instead of Standard			
FCS milling drum FB1000 HT22 LA15 with 99 picks	-80 kg	-	-
FCS milling drum FB1200 HT22 LA15 with 112 picks	-	-80 kg	-
FCS milling drum FB1300 HT22 LA15 with 121 picks	-	-	-80 kg
FCS milling drum FB1000 HT22 LA8 with 149 picks	155 kg	-	-
FCS milling drum FB1200 HT22 LA8 with 174 picks	-	200 kg	-
FCS milling drum FB1300 HT22 LA8 with 185 picks	-	-	225 kg
FCS milling drum FB1000 HT5 LA6X2 with 340 picks	100 kg	-	-
FCS milling drum FB1200 HT5 LA6X2 with 410 picks	-	150 kg	-
FCS milling drum FB1300 HT5 LA6X2 with 444 picks	-	-	170 kg
Optional Additional Equipment			
Crawler units instead of wheels	1,400 kg		
Hydraulically lowering weather canopy instead of standard	200 kg		
Short discharge conveyor in hydraulic folding design, 7,250 mm long with 600 mm wide belt, instead of standard	-45 kg		
VCS extraction system	125 kg		
Additional weights that can be used as required	400 kg	515 kg	515 kg

*¹ = Machine weight, half-full tanks, vehicle tool kits, machine operator, excluding optional equipment

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Operating Weight, CE*	19,000 kg	20,000 kg	20,400 kg
Maximum operating weight (full tanks, full range of equipment)	22,800 kg	24,050 kg	24,650 kg
Weight of Tank Contents			
Water	1,400 kg	1,600 kg	1,600 kg
Fuel (0.83 kg / l)		506 kg	
AdBlue® / DEF* ² (1.1 kg / l)		38.5 kg	
Additional Weight			
Operator and Tools			
Machine operator		75 kg	
5 pick containers		125 kg	
Vehicle tool kit		30 kg	
Optional Milling Drum Assemblies Instead of Standard			
FB1000 FCS milling drum housing	280 kg	-	-
FB1200 FCS milling drum housing	-	330 kg	-
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