

The front loader in the one-meter class is characterized by its outstanding performance and flexibility at working widths of 1.0 m, 1.2 m, or 1.3 m. Compact dimensions and optimized machine weight make it ideal for a wide range of applications - including on job sites with limited space, such as in urban areas. Switching FCS milling drums with different tool spacings and different working widths allows the milling machine to be used for a wide range of additional applications.



TECHNICAL SPECIFICATIONS	W 100 Fi	W 120 Fi	W 130 Fi
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	John Deere		
Type	6090HD-S5-PVR		
Cooling	Water		
Number of cylinders	6		
Rated power at 2,100 rpm	260 kW / 349 hp / 354 PS		
Maximum power at 1,900 - 2,000 rpm	265 kW / 355 hp / 360 PS		
Displacement	9.0 l		
Fuel consumption at rated power during a mixture of job site operations	62.7 l/h 25.1 l/h		
Sound power level in accordance with DIN EN 500-2 engine operator's platform	≤ 107 dB(A) ≥ 90 dB(A)		
Emissions standard	EU Stage 5 / US EPA Tier 4f		
Electrical System			
Power supply	24 V		
Tank Capacities			
Fuel	610 l		
AdBlue® / DEF ²⁾	44 l		
Hydraulic oil	115 l		
Water	1,400 l	1,600 l	1,600 l
Driving Performance			
Max. milling speed	0 - 60 m/min (0 - 3.6 km/h)		
Max. speed on wheels	0 - 125 m/min (0 - 7.5 km/h)		
Max. speed on tracks	0 - 125 m/min (0 - 7.5 km/h)		
Track Units			
Tire size, front / rear (D x W)	660 x 280 mm		
Track chains front / back (L x W x H)	1,360 x 260 x 584 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		

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Weight of Basic Machine			
Empty weight of machine without fluids	18,900 kg	19,800 kg	20,200 kg
Operating weight, CE ³⁾	20,000 kg	21,000 kg	21,400 kg
Maximum operating weight (full tanks, full range of equipment)	22,750 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	
AdBlue® / DEF ²⁾ (1.1 kg/l)		48 kg	
Additional Weight			
Operator and Tools			
> Machine operator		75 kg	
> 5 pick containers		125 kg	
> Tools		30 kg	
Optional Milling Drum Units Instead of Standard			
> Milling drum housing FB1000 FCS	280 kg	-	-
> Milling drum housing FB1200 FCS	-	330 kg	-
> Milling drum housing FB1300 FCS	-	-	370 kg
Optional Milling Drums Instead of Standard			
> FCS milling drum FB1000 HT22 PLUS LA15 with 95 picks	-80 kg	-	-
> FCS milling drum FB1200 HT22 PLUS LA15 with 109 picks	-	-80 kg	-
> FCS milling drum FB1300 HT22 PLUS LA15 with 115 picks	-	-	-80 kg
> Milling drum FB1000 HT22 PLUS LA18 with 88 picks	-60 kg	-	-
> Milling drum FB1200 HT22 PLUS LA18 with 100 picks	-	-70 kg	-
> Milling drum FB1300 HT22 PLUS LA18 with 105 picks	-	-	-75 kg
Optional Additional Equipment			
> 4 motorized wheeled chassis instead of crawler units		-1,400 kg	
> Hydraulically lowering weather canopy instead of standard		255 kg	
> Operator's platform with air-conditioned comfort cabin instead of standard		425 kg	
> Shortened discharge conveyor, 6,500 mm long, 600 mm wide, with hydraulic folding device		-45 kg	
> VCS extraction system		75 kg	
> Additional weights		470 kg	
> Foldable signal lights		40 kg	
> Leveling boom including sensor for LEVEL PRO ACTIVE leveling system		48 kg	
> Upgrade of LEVEL PRO ACTIVE with two leveling booms and one Sonic-Ski sensor		77 kg	
> Powerful high-pressure water cleaner, 150 bar, 15 l/min		42 kg	
> Air compressor system		45 kg	

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)

³⁾ Machine weight, half-full tanks, vehicle tool kits, machine operator, excluding optional equipment