

Technical Specifications

W 50 R | W 50 Ri | W 60 R | W 60 Ri

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	W 50 R	W 60 R	W 50 Ri	W 60 Ri
Milling Drum				
Milling width	500 mm	600 mm	500 mm	600 mm
Milling depth *1	0 - 210 mm	0 - 210 mm	0 - 210 mm	0 - 210 mm
Cutting diameter	750 mm	750 mm	750 mm	750 mm
Engine				
Engine manufacturer	Deutz		Deutz	
Type	TCD 2012 L04 V2		TCD 4.1 L4	
Cooling	Water		Water	
Number of cylinders	4		4	
Rated power at 2,300 rpm	100 kW / 134 hp / 136 PS		105 kW / 141 hp / 143 PS	
Maximum power at 2,300 rpm	100 kW / 134 hp / 136 PS		105 kW / 141 hp / 143 PS	
Displacement	4,100 cm³		4,100 cm³	
Fuel consumption at rated power during a mixture of job site operations	26.8 l / h 10.8 l / h		28.2 l / h 11.3 l / h	
Sound power level in accordance with EN 500-2 engine operator's platform	≤ 103 dB(A) ≥ 80 dB(A)		≤ 101 dB(A) ≥ 80 dB(A)	
Emissions standard	EU Stage 3a / US EPA Tier 3		EU Stage 5 / US EPA Tier 4f	
Electrical System				
Power supply	24 V		24 V	
Tank Capacities				
Fuel	230 l			
AdBlue® / DEF	-	17.5 l		
Hydraulic oil	63 l			
Water	600 l			
Driving Performance				
Max. milling speed	0 - 48 m / min (0 - 2.9 km / h)			
Max. travel speed, 3-wheeled version	0 - 133 m / min (0 - 8 km / h)			
Max. travel speed, 4-wheeled version	0 - 200 m / min (0 - 12 km / h)			
Tires				
Front tire size, 3-wheeled or 4-wheeled version (D x W)	530 x 300 mm			
Rear tire size, 3-wheeled or 4-wheeled version (D x W)	559 x 254 mm			
Loading of Milled Material				
Belt width of discharge conveyor	350 mm			
Theoretical capacity of discharge conveyor	80 m³/h			

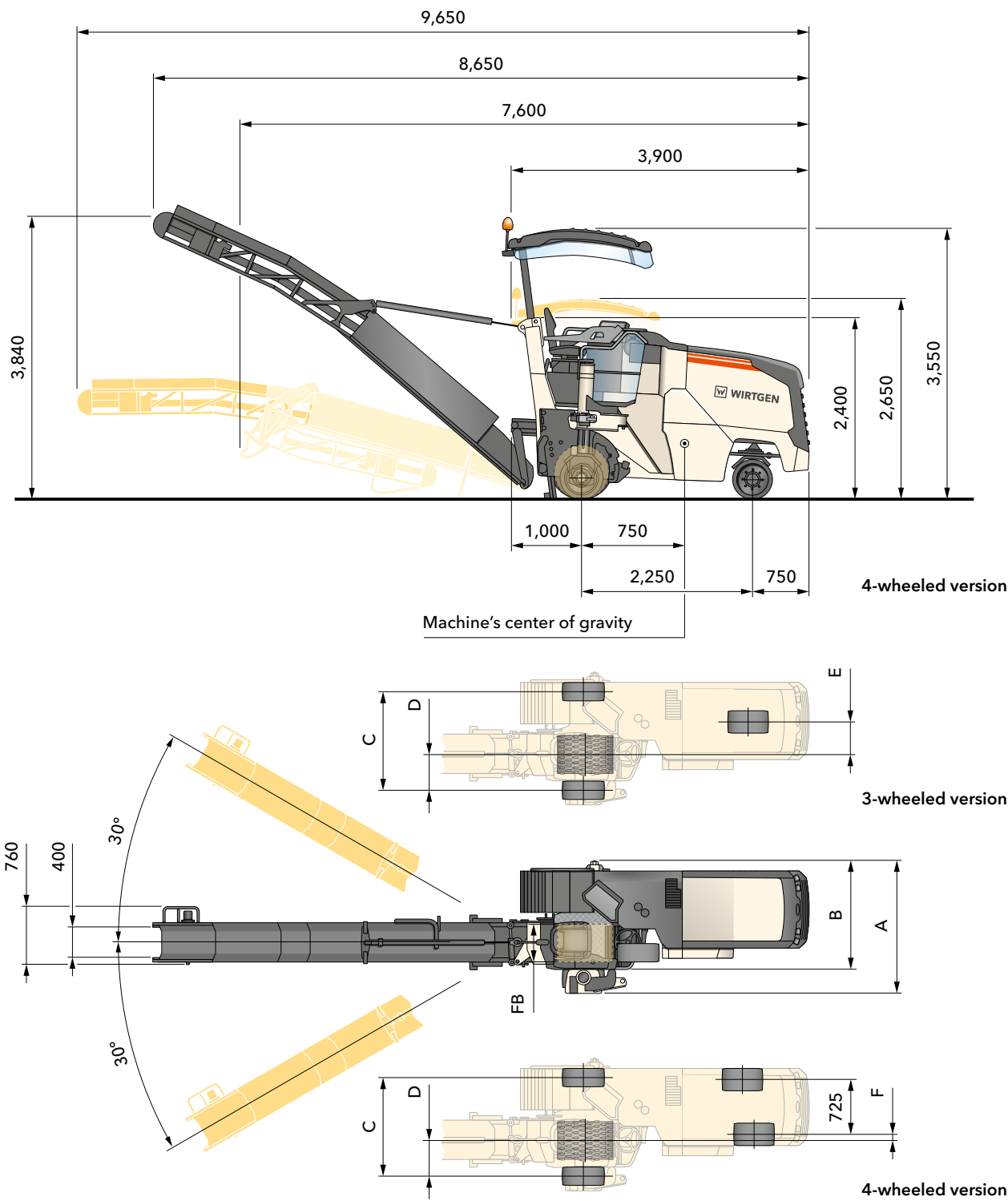
*¹ = The maximum milling depth may deviate from the value indicated due to tolerances and wear.

	W 50 R	W 60 R	W 50 Ri	W 60 Ri
Basic Machine Weight				
Net weight of the machine, 3-wheel version, without conveyor and fluids	6,430 kg	6,950 kg	6,430 kg	6,950 kg
Operating weight, CE *, 3-wheeled version without conveyor	6,930 kg	7,450 kg	6,930 kg	7,450 kg
Maximum operating weight (full tanks, full range of equipment)	9,695 kg	9,865 kg	9,714 kg	9,884 kg
Weight of Tank Contents				
Water	600 kg			
Fuel (0.83 kg / l)	190 kg			
AdBlue® / DEF (1.1 kg / l)	-		19 kg	
Additional Weight				
Operator and tools				
Operator	75 kg			
Weight of 2 pick containers	50 kg			
Vehicle tool kit	30 kg			
Optional Milling Drum Units Instead of Standard				
Milling drum housing FB500 with scraper system	360 kg	-	360 kg	-
Milling drum housing FB600 with scraper system	-	370 kg	-	370 kg
Optional Milling Drums Instead of Standard				
FCS milling unit FB400 HT08 LA15 including scraper bottom parts	-55 kg	-	-55 kg	-
FCS milling unit FB300 HT08 LA15 including scraper bottom parts	-105 kg	-	-105 kg	-
Milling drum FB80 HT02 FT210 with 24 picks	-163 kg	-190 kg	-163 kg	-190 kg
Milling drum FB300 HT08 LA15 with 47 picks	-86 kg	-	-86 kg	-
Milling drum FB400 HT08 LA15 with 54 picks	-45 kg	-	-45 kg	-
Microfine milling drum FB500 HT4 LA3 with 166 mini-picks	-64 kg	-	-64 kg	-
Fine milling drum FB500 HT5 LA6 with 84 picks	5 kg	-	5 kg	-
Fine milling drum FB600 HT5 LA6 with 101 picks	-	3 kg	-	3 kg
Milling drum Eco-Cutter FB500 HT08 LA20 with 54 picks	-6 kg	-	-6 kg	-
Milling drum Eco-Cutter FB600 HT08 LA20 with 58 picks	-	-13 kg	-	-13 kg
Side milling ring FB80, milling depth 300 mm compl.	-60 kg	-	-60 kg	-
Optional Additional Weights				
Variable additional weight 1	380 kg	Standard	380 kg	Standard
Variable additional weight 2	620 kg			
Optional Additional Equipment				
Discharge conveyor, 5,600 mm long, 350 mm wide (without scraper system)	480 kg			
Discharge conveyor, 5,600 mm long, 350 mm wide, with hydraulic folding device (without scraper system)	560 kg			
Shortened discharge conveyor, 1,100 mm long, 350 mm wide (without scraper system)	210 kg			
4-wheeled version instead of 3-wheeled version	130 kg			
Weather canopy	150 kg			

*2 = Weight of machine, half-full water tank, half-full fuel tank, operator , tools, excluding optional equipment features

Dimensions

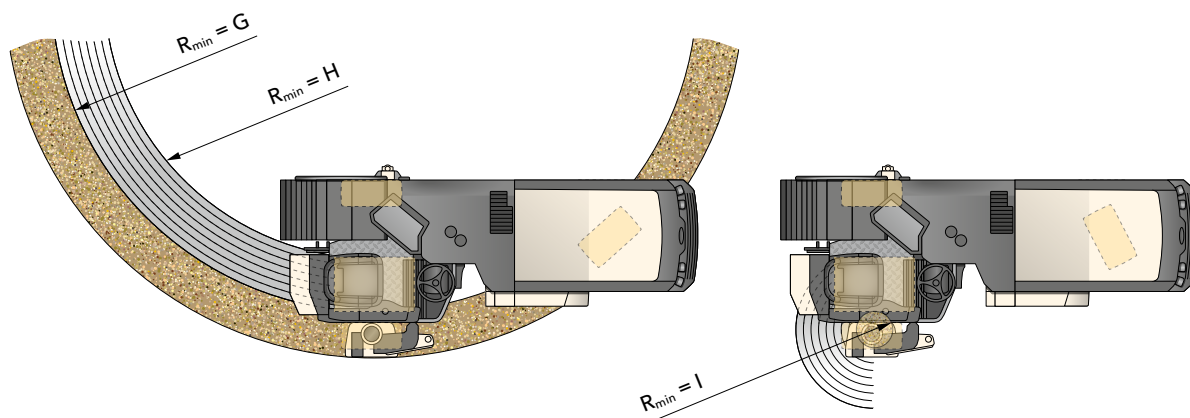
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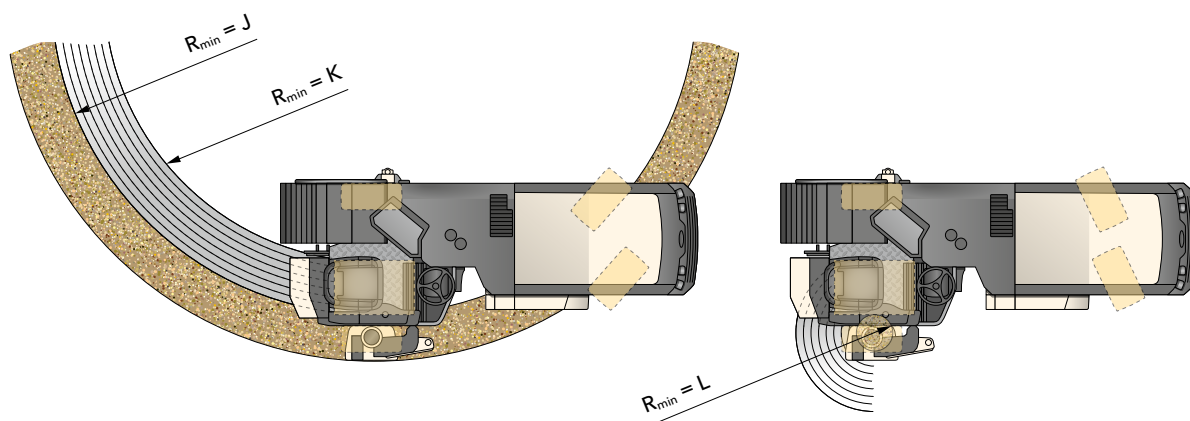
	A	B	C	D	E	F	FB
W 50 R / W 50 Ri	1,640	1,350	1,296	435	435	80	500
W 60 R / W 60 Ri	1,760	1,430	1,416	485	485	130	600

Dimensions in mm

3-wheeled version



4-wheeled version



	3-wheeled version			4-wheeled version		
	G	H	I	J	K	L
W 50 R / W 50 Ri	2,900	2,400	150	2,350	1,850	150
W 60 R / W 60 Ri	3,000	2,400	50	2,450	1,850	50

Milling radius, milling depth 50 mm, dimensions in mm