

# Technical Specifications

## W 35 Ri

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	Standard FB350	Optional FB500
Milling Drum		
Milling width	350 mm	500 mm
Milling depth *1	0 – 110 mm	
Cutting diameter	460 mm	
Engine		
Manufacturer	Deutz AG	
Type	TCD 2.9 L4	
Cooling	Water	
Number of cylinders	4	
Rated power at 2,300 rpm	45 kW / 60 HP / 61 PS	
Maximum power at 2,300 rpm	45 kW / 60 HP / 61 PS	
Displacement	2,925 cm³	
Fuel consumption at rated power   during a mixture of job site operations	13.2 l/h   8.8 l/h	
Sound power level in accordance with DIN EN 500-2 engine   operator’s platform	≤ 100 dB(A)   ≥ 80 dB(A)	
Emissions standard	EU Stage 5	
Electrical System		
Power supply	24 V	
Tank Capacities		
Fuel	70 l	
Hydraulic oil	32 l	
Water	275 l	
Driving Performance		
Max. milling speed	0 – 25 m/min (0 – 1.5 km/h)	
Max. travel speed	0 – 100 m/min (0 – 6 km/h)	
Tires		
Tire size, front (D x W)	500 x 250 mm	
Tire size, rear (D x W)	405 x 130 mm	
Loading of Milled Material		
Belt width of primary conveyor	250 mm	
Theoretical capacity of discharge conveyor	33 m³/h	

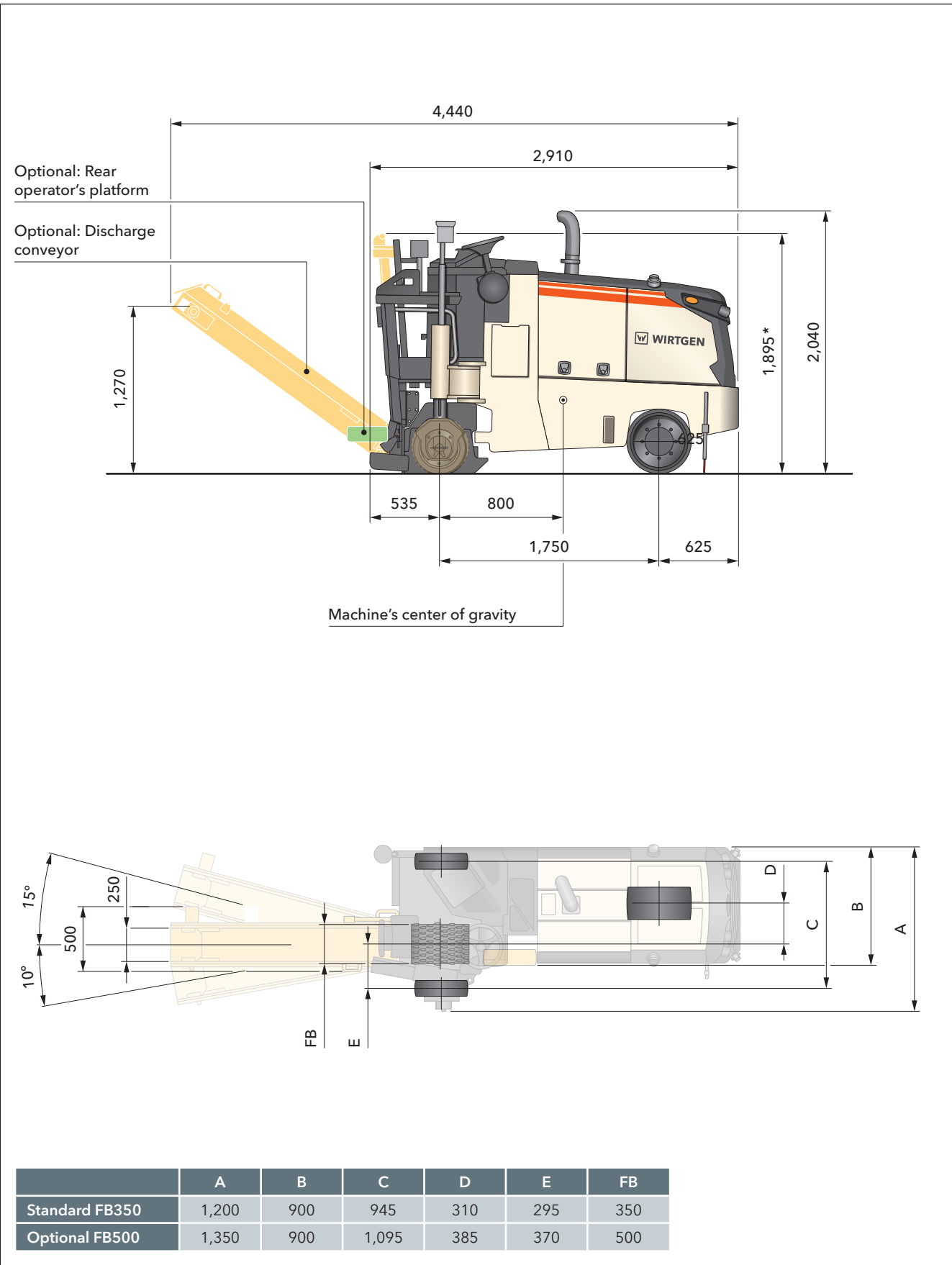
\*<sup>1</sup> = The maximum milling depth may deviate from the value indicated due to tolerances and wear.

Basic Machine Weight		
Net weight of machine without fluids	2,970 kg	
Operating weight, CE *2, including additional weights	4,650 kg	
Maximum operating weight (full tanks, full range of equipment)	5,200 kg	
Weight of Tank Contents		
Water	275 kg	
Fuel (0.83 kg/l)	58 kg	
Additional Weight		
Operator and Tools		
Machine operator	75 kg	
2 pick containers	50 kg	
Vehicle tool kit	30 kg	
Optional Milling Drum Units Instead of Standard	Absolute Weight	Additional / Reduced Weight
Attachments for milling drum housing FB350 – for operation with discharge conveyor	51 kg	29 kg
Attachments for milling drum housing FB500 – for operation without discharge conveyor	100 kg	78 kg
Attachments for milling drum housing FB500 – for operation with discharge conveyor	161 kg	139 kg
Optional Milling Drums Instead of Standard		
Milling drum FB350 HT5 LA6 with 57 picks	108 kg	18 kg
Milling drum FB350 HT4 LA3 with 117 picks	103 kg	13 kg
Milling drum FB500 HT08 LA15 with 39 picks	123 kg	33 kg
Milling drum FB500 HT5 LA6 with 82 picks	160 kg	70 kg
Micro fine milling drum with gutter profile, FB150+2x25 (lateral discharge) HT4 LA3 with 67 picks	97 kg	7 kg
Milling drum FB200+2x25 HT4 LA3 with 83 picks	98 kg	8 kg
Milling drum FB250+2x25 HT4 LA3 with 99 picks	100 kg	10 kg
Milling drum FB300+2x25 HT4 LA3 with 117 picks	100 kg	10 kg
Milling drum FB450+2X25 HT4 LA3 with 166 picks	143 kg	53 kg
Saw blade FB14 for rail milling	10 kg	-80 kg
Saw blade FB19 for rail milling	13 kg	-77 kg
Rail milling attachments Ri59N	57 kg	57 kg
Milling drum FB25 with 6 picks for rail milling	17 kg	-73 kg
Milling drum FB45 with 24 picks for rail milling	28 kg	-62 kg
Milling drum FB80 HT02 FT110 with 12 picks	26 kg	-64 kg
Optional Additional Weights		
Modular additional weight	1,400 kg	1,400 kg
Optional Additional Equipment		
Discharge conveyor, 1,870 mm long, conveyor belt width 250 mm	125 kg	125 kg
Additional scraper flap FB350 as prerequisite for footboard unit	18 kg	0 kg
Additional scraper flap FB500 as prerequisite for footboard unit	22 kg	0 kg
Lowered operator's platform behind the machine	51 kg	51 kg
Mounting for side milling wheel FB80, FT180, complete	196 kg	84 kg
Hydraulic jack hammer with 10 m connection hose	37 kg	37 kg

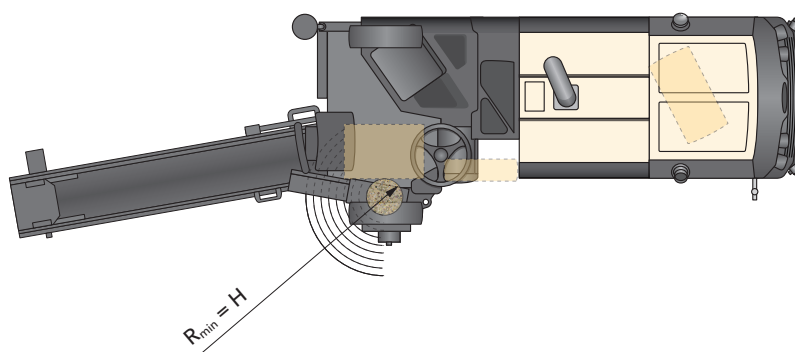
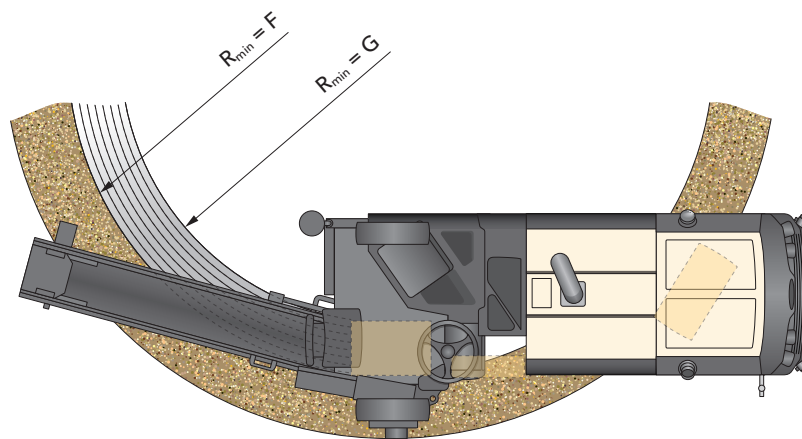
\*2 = Machine weight, half-full tanks, vehicle tool kits, machine operator, excluding optional equipment

# Dimensions

## W 35 Ri



Dimensions in mm  
\* = Maximum machine height with exhaust pipe removed



	F	G	H
Standard FB350	2,990	2,640	80
Optional FB500	3,140	2,640	0

Milling radius, milling depth 50 mm, dimensions in mm