

High-performance Side Feeding and Homogeneous Spreading of Concrete.

PLACER / SPREADER

WPS 62(i) | WPS 102i



The cost-efficient two-track placer/spreader is ideal for high-performance concrete feeding at widths of 4.0 m to 7.5 m (WPS 62(i)) or 4.0 m to 12.0 m (WPS 102i) and a thickness of 500 mm. The machine concept with a hydraulically telescoping machine frame and concrete strike-off unit makes the machine highly adaptable to any job site situation. The powerful, fast folding feeder conveyor features an intelligent control concept and guarantees maximum concrete availability for the slipform paver following behind it.



TECHNICAL SPECIFICATIONS	WPS 62	WPS 62i	WPS 102i
Area of Application			
Road surfacing	Paving width: 4.00 – 7.50 m ¹⁾ Paving height: bis 500 mm ¹⁾		Paving width: 4.00 – 12.00 m ¹⁾ Paving height: bis 500 mm ¹⁾
Strike-off Unit			
Spreading auger	Two-piece, modularly extendable up to 7.50 m		Two-piece, modularly extendable up to 12.00 m
Strike-off wall	Modularly extendable up to 7.50 m		Modularly extendable up to 12.00 m
Intelligent height adjustment	200 mm		
Crown	± 3%		
Concrete Feeding System			
Belt conveyor speed	0 – 3 m/s		
Conveyor belt width	1,600 mm		
Belt conveyor folding process	6 sec		
Engine			
Engine manufacturer	Deutz	Deutz	Cummins
Type	TCD 2012 L6 2V	TCD 6.1 L6	L9 C-310
Cooling	Water		
Number of cylinders	6		
Rated power at 2,300 rpm ⁻¹	155 kW / 208 HP / 211 PS	180 kW / 241 HP / 245 PS	231 kW / 310 HP / 314 PS
Displacement	6,057 cm ³	6,057 cm ³	8,900 cm ³
Sound power level in accordance with EN 500-6, engine operator's platform	≤ 102 dB(A) ≥ 80 dB(A)		≤ 101 dB(A) ≥ 82 dB(A)
Emissions standards	EU Stage 3a / US EPA Tier 3	EU Stage 5 / US EPA Tier 4f	EU Stage 5 / US EPA Tier 4f
Electrical System			
Power supply	24 V DC		

TECHNICAL SPECIFICATIONS	WPS 62	WPS 62i	WPS 102i
Tank Capacities			
Fuel	400 l		500 l
AdBlue® / DEF ²⁾	–	32 l	57 l
Hydraulic oil	200 l		250 l
Water	550 l + 550 l		
Driving Performance			
Advance speed while paving	0 – 10 m/min		0 – 5 m/min
Speed in driving gear	0 – 18 m/min		0 – 20 m/min
Crawler Units			
Number	2		
Type B1: Dimensions (L x W x H)	Typ B1: 3,390 x 300 x 660 mm		Typ B4: 3,380 x 500 x 748 mm
Height Adjustment			
Hydraulic	1,100 mm		1,000 mm
Transport dimensions (L x W x H)			
Paving width 4.00 m	5,950 x 3,500 x 3,250 mm		6,110 x 3,600 x 3,300 mm
Paving width (WPS 62(i): 7,50 m / WPS 102i: 12,00 m)	9,450 x 3,500 x 3,250 mm		14,440 x 3,600 x 3,300 mm
Weight Specifications			
Operating weight CE ³⁾ (at minimum paving width)	34,650 kg		41,760 kg
Operating weight CE ³⁾ (at maximum paving width)	37,480 kg		46,760 kg
Machine transport weight			
> Machine at minimum paving width ⁴⁾	25,440 kg		32,810 kg
> Machine at maximum paving width ⁵⁾	28,260 kg		37,050 kg
Transport weight belt conveyor			
> Belt trailer for belt conveyor	1,500 kg		
> High-performance belt conveyor for feeding concrete from the side, length 6.70 m ⁶⁾	6,000 kg		
> High-performance belt conveyor for feeding concrete from the side, length 7.60 m ⁶⁾	–		6,500 kg
> High-performance belt conveyor for feeding concrete from the side, length 8.50 m ⁶⁾	–		7,000 kg

¹⁾ Special paving widths, paving heights, and options available on request

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

³⁾ Machine weight including machine tractor, concrete unit, half-full fuel tank, half-full water tank, full hydraulic oil tank, vehicle tool kit and machine operator (75 kg), no additional options

⁴⁾ Machine weight including machine tractor, concrete unit and vehicle tool kit, without belt conveyor

⁵⁾ Machine weight including machine tractor, concrete unit, belt conveyor, half-full fuel tank, half-full hydraulic oil tank and empty water tank, without belt conveyor

⁶⁾ Wheelbase between drums