



VÖGELE

Wheeled Paver

VISION 5103-2



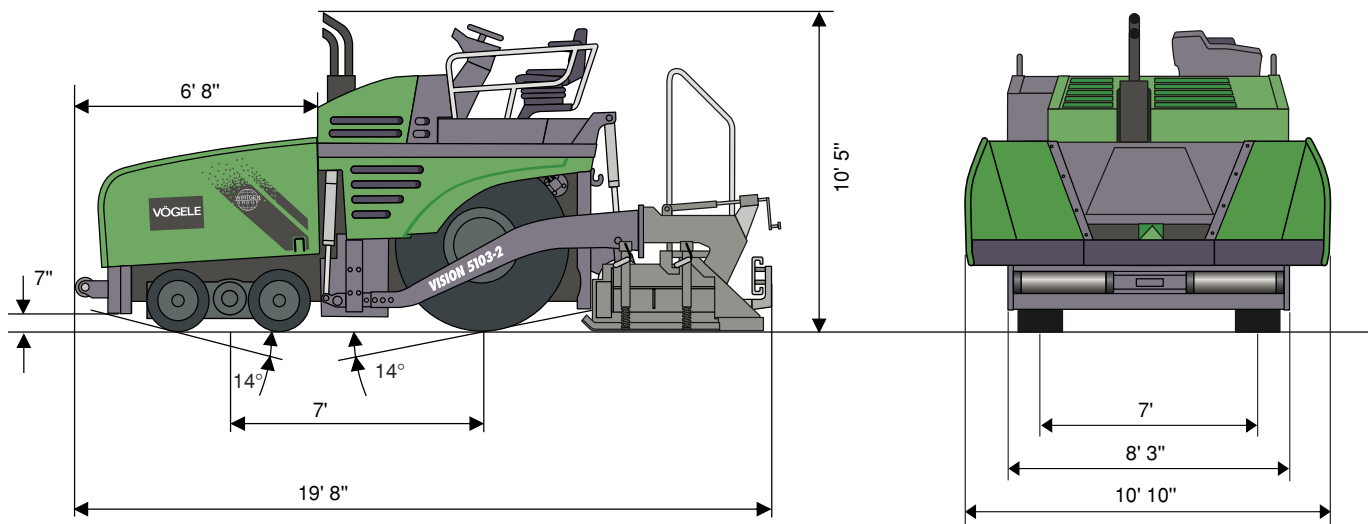
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Maximum Paving Width 19 ft.

Maximum Laydown Rate 770 tons/h

Transport Width 8 ft. 3 in.

 www.voegele.info



Power Unit

Engine:	6-cylinder CUMMINS diesel engine, liquid-cooled
Type:	QSB 6.7 C-170
Output:	Nominal: 170 h.p. at 2,000 rpm
	ECO Mode: 160 h.p. at 1,800 rpm
Fuel Tank:	66 gal. (US)
Electrical System:	24 V

Undercarriage

Front Wheels:	4, mounted on pivoting bogies
Tire Equipment:	solid tires
Tire Size:	21.25 in. x 15.35 in.
Rear Wheels:	2, with high-floatation tires
Tire Size:	16.00 in. x 24 in.
Drive:	separate hydraulic drive and electronic control provided for each powered wheel
	Standard: 2 powered rear wheels
	Option: 2 powered rear wheels and 2 powered front wheels
Speeds:	Paving: up to 250 fpm, infinitely variable
	Travel: up to 12 mph, infinitely variable
Power Steering:	hydraulic
Service Brake:	amply-dimensioned multiple-disk brake operated by foot pedal
Auxiliary Brake:	hydrostatic
Parking Brake:	spring-loaded multiple-disk brake, maintenance-free

Material Hopper

Hopper Capacity:	190 cu. ft. (24,480 lbs.) including conveyor tunnel
Width:	10 ft. 10 in.
Dump Height:	24 in. (bottom of material hopper)
Push-Rollers:	oscillating, displaceable forwards by 2 in. and 4 in.

Conveyors and Augers

Conveyors:	2, with replaceable feeder bars, conveyor movement reversible
	Drive: separate hydraulic drive provided for each conveyor
	Speed: up to 102 fpm, infinitely variable (manual or automatic)
Augers:	2, with exchangeable auger flights, auger rotation reversible
	Diameter: 16 in.
	Drive: separate hydraulic drive provided for each auger
	Speed: up to 110 rpm, infinitely variable (manual or automatic)
	Auger Height: infinitely variable by 6 in., hydraulic
Lubrication:	with central lubrication, auto-lubrication available as an option

Screed Options

Carlson EZ III-08:	basic width 8 ft., infinitely variable range 8 ft. to 13 ft. 6 in. maximum width 19 ft.
Carlson EZ IV-815:	basic width 8 ft., infinitely variable range 8 ft. to 15 ft. maximum width 19 ft.

Screed Version:	V
Layer Thickness:	up to 12 in.
Screed Heating:	electric by heating elements
Power Supply:	three-phase A.C. generator

Dimensions and Weights

Length:	Tractor and Screed in Transport Position
	- Carlson EZ III-08 / EZ IV-815: 19 ft. 8 in.
Weights:	Tractor: 26,550 lbs.
	- Carlson EZ III-08: 5,200 lbs.
	- Carlson EZ IV-815: 6,250 lbs.

Optional Equipment

NIVELTRONIC Plus® for Automatic Grade and Slope Control (various grade sensors available). Separate washdown tank. Xenon lamps for working lights. Automatic lubrication system. For additional optional equipment, contact your VÖGELE representative.

Key: V = equipped with Vibration

Specifications subject to change without notice.

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