

Tracked Paver

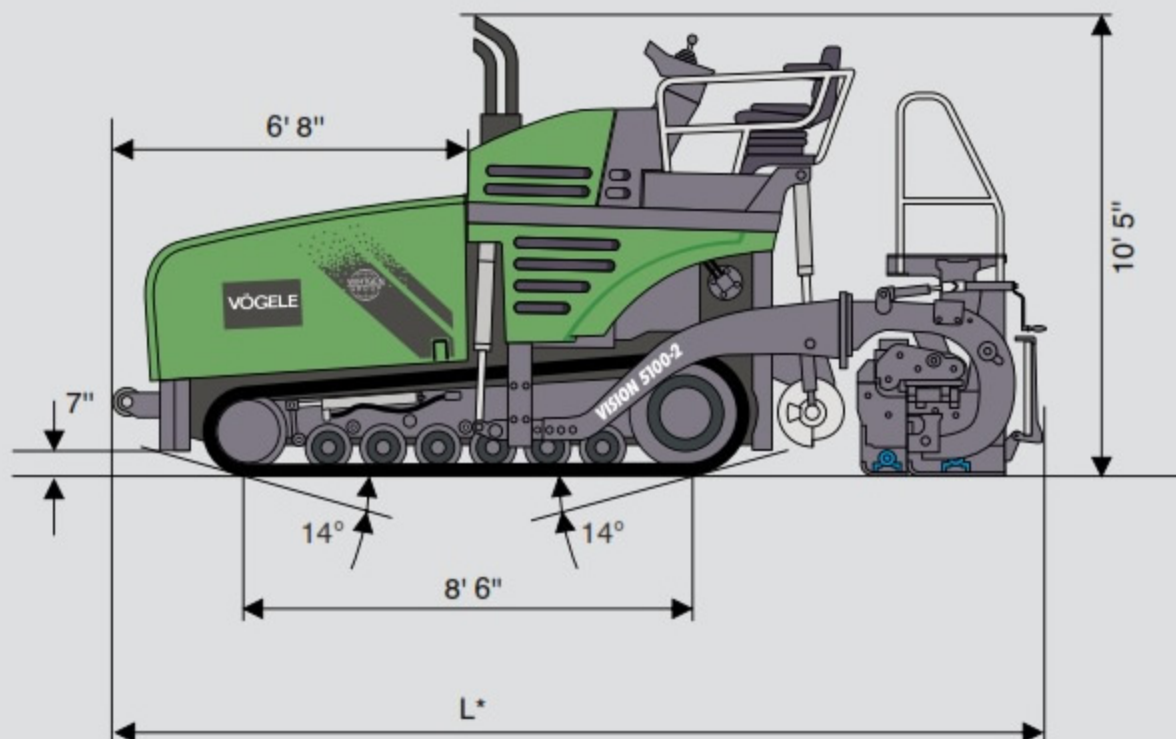
VISION 5100-2

Universal Class



Maximum Paving Width 19 ft. 6 in.
Maximum Laydown Rate 770 tons/h
Transport Width 8 ft. 3 in.

All the Facts at a Glance



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:	70 gal. (US)
Electrical System:	24 V

UNDERCARRIAGE

Crawler Tracks:	continuous rubber band
Ground Contact:	8 ft. 6 in. x 1 ft. 2 in.
Suspension:	track carriers mounted on bogies
Track Tensioning:	automatic (hydraulic)
Track Rollers:	lifetime grease lubricated
Traction Drive:	separate hydraulic drive and electronic control provided for each crawler track
Speeds:	Paving: up to 250 fpm, infinitely variable Travel: up to 7.5 mph, infinitely variable
Steering:	by alteration of track running speeds
Service Brake:	hydraulic
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 for a short time 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:	centralized lubrication system, auto-lubrication available as an option

