BOMAG

Asphalt Pavers

814-2 / 815-2

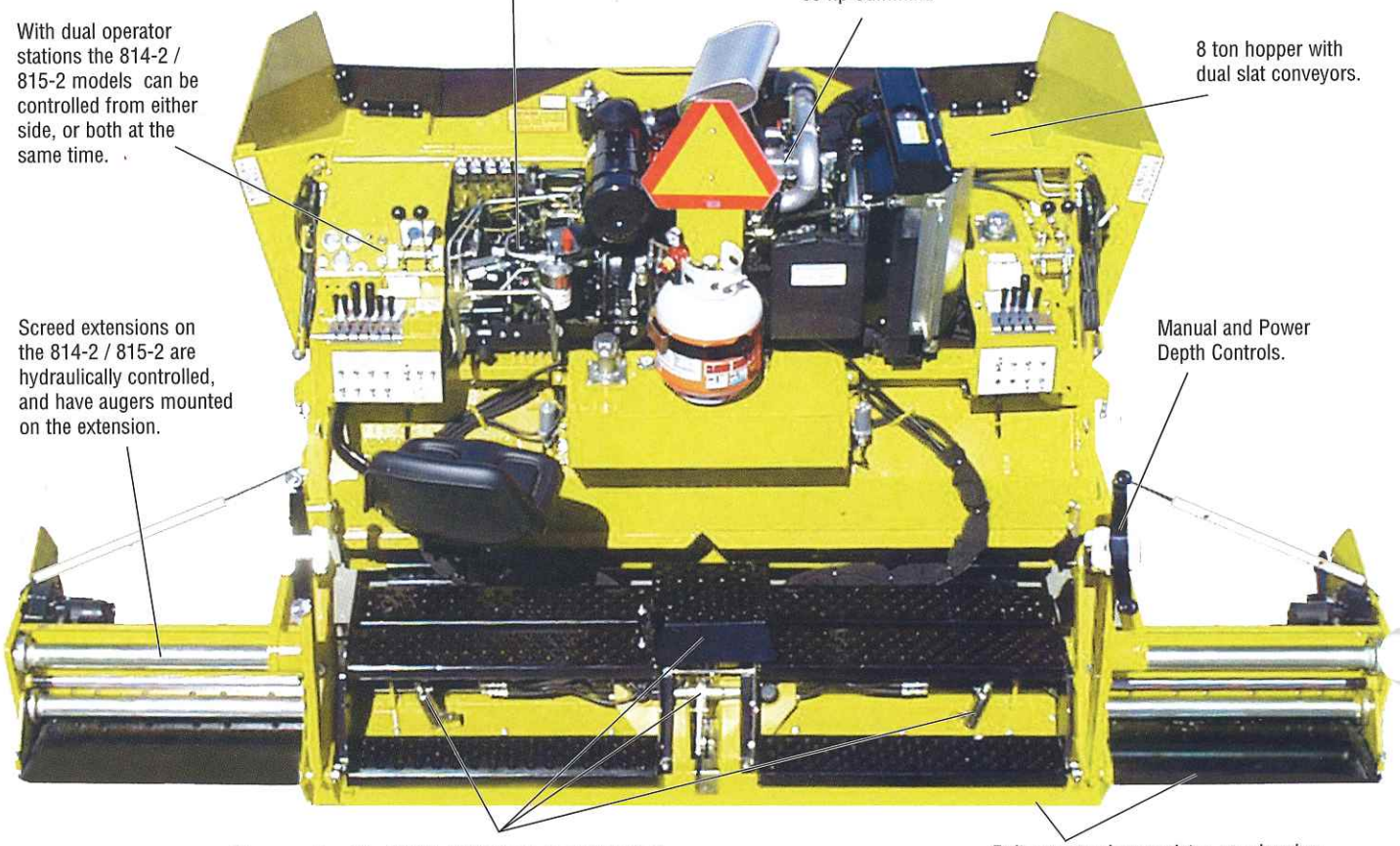


A Revolutionary Design, Built To Meet And Exceed The Customer's Demands.

KEY FEATURES

- High performance: 85 HP Cummins water cooled diesel engine.
- New design UNIMAT 2 screed with 8-14 foot standard paving width (814-2); 8-15 paving width (815-2).
- Automatic as well as manual function setting for auger(s) and conveyor operation
- 8 ton hopper with dual slat conveyors
- Load sensing hydraulic system to optimize engine and paving performance and minimize fuel consumption
- Crawler-style "track drive system" undercarriage with standard urethane bolt-on track pads

814-2 / 815-2



Everything you need in a mid-sized paver, and more.

Equipped with the features of a main-line paver and having the speed, maneuverability, and reliability needed to get the job done, the BOMAG 814-2 / 815-2 models set a standard for the mid-size paver class.

Built from an innovative design with high standard production techniques the 814-2 / 815-2 models are the industry workhorse for most growing contractors, as well as larger contractors who were looking for a laydown machine that has the versatility and standard features other pavers just do not have.

Applications:

- Secondary roads and city streets
- Driveways
- Parking lots
- Asphalt repairs and resurfacing



815-2 paving a secondary road.
(shown with optional engine hood)



The hopper of the BOMAG 814-2 / 815-2 can be raised over 6' high, allowing for easy maintenance access to the undercarriage.

Outstanding performance and operation

Power On Demand:

Equipped with a water cooled, 85 hp Cummins diesel engine supplying the power to the hydrostatic drive and pumps, the BOMAG 814-2 / 815-2 models will easily manage the most demanding work loads.

The load-sensing hydraulic system on the 814-2 / 815-2 models makes it possible to use all paving features without compromising travel performance power.

Maintenance & Accessibility:

- The hopper bed can be raised over 6' for easier maintenance and cleaning access to the undercarriage.
- Adjusting both the conveyor and track chains can be done easily without crawling under the paver.
- Track fenders are a standard feature on the 814-2 / 815-2 models.
- The fenders keep the tracks clean helping to reduce excess wear to the track assembly.
- The heavy-duty tracks are self-cleaning with sealed rollers.
- Both the drive and idler sprockets are heat treated to help prevent wear.

Screed Features:

- Screed extension augers are mounted to the extensions not the hopper frame.
- Manual and power paving depth controls are standard.
- The augers are reversible, and can be controlled manually, or can be set to run on automatic using limit switches mounted at the end of either extension.
- The screed extension plates are constructed from, abrasion resistant 400 brinell hardness steel, and bolt on for easy replacement.
- The screed utilizes a formed leading edge providing a better material flow, making it possible to accurately and uniformly pave at depths ranging from 0 to 6 inches.

Other Advantages:

- 0 to 360 FPM travel speed - 814-2 and 815-2 models
- Highly maneuverable, able to turn a full radius in the width of the machine.
- Ability to change paving width from 8' to 14' on the go. (8-15 foot model 815-2)
- Low deck configuration with dual operator's stations for unsurpassed control.
- Self-cleaning fender covered tracks for reduced maintenance and long life

Featuring...



The BOMAG 814-2 / 815-2 water cooled, 85 Hp diesel engine supplies the power to the hydrostatic drive and pumps.



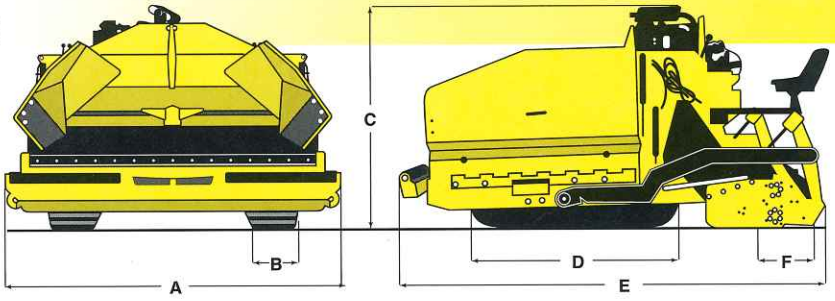
The screed extensions of the 814-2 / 815-2 have been designed to give the operator exceptional control of the material, as well as a uniform, fully screeded mat.



Operator's control panel.

With these features and many more, it's easy to see why this model maintains a high residual value while delivering lower lifetime operating costs.

Technical Specifications
814-2 / 815-2



Shipping dimensions in cubic feet (m³)
814-2 / 815-2 655 (18.55)

DIMENSIONS IN INCHES (MM)

	A	B	C	D	E	F
814-2 / 815-2	102 (2591)	12 (305)	80 (2032)	73 (1854)	144 (3658)	16 (406)

Standard Equipment

- ☑ 85 hp Cummins Water-Cooled Diesel Engine
- ☑ High Engine Water Temperature, and Low Engine Oil Pressure Automatic Shutdown.
- ☑ Hydrostatic Drive System With Pause/Run Feature.
- ☑ Heavy-duty Crawler Style, Self-cleaning Undercarriage With 6 Sealed Rollers Per Side & Poly. Pads.
- ☑ Full Width Floating Screed is Adjustable, Vibratory, and Propane Heated.
- ☑ Hydraulic Screed Extensions - 2" Crown / 2" Invert / Adjustability
- ☑ Hydraulic Down Pressure Feature to Increase Screed Weight and Mat Density.
- ☑ 2 Abrasion Resistant, Extendable, Reversible, and Independent Hydraulic Augers On Each Screed With Automatic Controls and Manual Override.
- ☑ 16" X 8' Screed Plates are 3/8" Abrasion Resistant 400 Brinell Hardened Steel
- ☑ Hydraulic Hopper Lifts For Maintenance.
- ☑ Dual full width hydraulic Slat Conveyors With Automatic Controls and Manual Overrides.
- ☑ Hydraulic Shut Off Gates - 2 Each.
- ☑ Swivel Mounted Truck Bumper Rollers.
- ☑ Hydraulic Depth Control
- ☑ Engine Shroud (Optional 814-2 Model)

Optional Equipment

- ☐ Swivel Mounted Hydraulic Tow Type Truck Hitch With Bumper Rollers.
- ☐ Ditch Plates.
- ☐ Topcon System Four Screed Automation.
- ☐ Fail-safe Brakes.
- ☐ Simple Moba Automatic Joint Matcher
- ☐ Bolt-on Screed Extensions
- ☐ Working Lights

Technical data			BOMAG 814-2	BOMAG 815-2
Weights:				
Operating Weight	lbs	(kg)	15400 (6985)	15700 (7121)
Dimensions:				
Length	in	(mm)	144 (3658)	144 (3658)
Width (Transport)	in	(mm)	102 (2591)	102 (2591)
Paving Width	ft	(m)	8 - 14 (2.4 - 4.3)	8 - 15 (2.4 - 4.6)
Overall Height	in	(mm)	80 (2032)	80 (2032)
Paving Depth	in	(mm)	0 - 6 (0 - 152)	0 - 6 (0 - 152)
Hopper Area:				
Capacity	tons	(tons)	8 (7.3)	8 (7.3)
Wings			Hydraulic Actuated	Hydraulic Actuated
Deck			Scissor Lift Mechanism	Scissor Lift Mechanism
Hydraulic Cylinder Size	in	(mm)	3 (76)	3 (76)
Number of Hydraulic Cylinders			1	1
Screed:				
Standard	ft	(m)	8 - 14 (2.4 - 4.3)	8 - 15 (2.4 - 4.6)
Type			Fully Adjustable, Vibrating and Heated.	Fully Adjustable, Vibrating and Heated.
Crown / Invert	in	(mm)	2 / 2 (51 / 51)	2 / 2 (51 / 51)
Vibratory	vpm		2500	2500
Speeds:				
Travel(Max)	fpm	(mpm)	0 - 360 (0 - 110)	0 - 360 (0 - 110)
Paving	fpm	(mpm)	0 - 180 (0 - 55)	0 - 180 (0 - 55)
Drive:				
Engine Type			Cummins 4B 3.3 T	Cummins 4B 3.3 T
Performance SAE J1349	hp	(kW)	85 (59.7)	85 (59.7)
Cooling			Water	Water
Fuel			Diesel	Diesel
Service Capacities:				
Fuel	gal	(l)	20 (76)	20 (76)
Cooling	gal	(l)	3.5 (13)	3.5 (13)
Hydraulic	gal	(l)	35 (132)	35 (132)

Technical modifications reserved. Machines may be shown with options.

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