**State-of-the-art Universal Class pavers:   
SUPER 1700-3i and SUPER 1703-3i**

**The benchmark for 8-foot pavers**

**The 8-foot paver segment is critical to a lot of road construction companies, because these machines cover a very wide range of applications, from small municipal jobs to major highway construction and rehabilitation. The new SUPER 1700-3i and SUPER 1703-3i pavers from JOSEPH VÖGELE AG put this German-based company at the forefront of technological advancement with their strong performance and uniquely compact design. They also integrate the practical features that make the “Dash 3” generation of SUPER pavers synonymous worldwide with modern road pavers – most notably the intuitive and ergonomic ErgoPlus 3 operating system.**

**Compact design: Ideal for every kind of job site**

Pavers in the 8-foot class are road construction machines designed to achieve maximum performance both in confined conditions and on highway job sites. What may sound like conflicting objectives has led VÖGELE’s design engineers to an impressive and future-oriented solution. The result is the SUPER 1700-3i tracked paver and SUPER 1703-3i wheeled paver, advanced machines that are compact but powerful, and therefore meet the highest demands.

**Outstanding quality: Modern features of the “Dash 3” pavers on board**At VÖGELE, quality is always priority number one. And that applies to the durable, reliable and maintenance-friendly technology just as much as to the paving results these machines can achieve. The SUPER 1700-3i and SUPER 1703-3i further integrate many advantages that pay off under demanding operating conditions. For example, the material handling system effectively counteracts thermal and mechanical segregation with its cleverly designed material hopper, ascending conveyors and its augers, which are hydraulically height-adjustable by 6 in. (15 cm).

**Maximum ease of operation with the intuitive ErgoPlus 3 operating concept**

For VÖGELE, however, design means much more than just meeting the demands of construction companies and customers. Every VÖGELE development focuses above all on the user, as evidenced by the ErgoPlus 3 operating system. It encompasses an ergonomic paver operator's platform with numerous intelligent details, such as a hardtop with extendable sunshade and comfortable seats that swing out to the side. The heart of the ErgoPlus 3 system is the operating consoles for the driver and screed operator. All their functions are arranged in logical groups; push-buttons support reliable operation even when wearing work gloves, and the backlit color displays make it easy to clearly read current settings even at night or in bright sunlight.

**Strong performance: Ready to give their all**

A paver that has to master a variety of construction projects must be designed for the maximum required level of performance. For the new 8-foot pavers, combined with the front-mounted extending screed (with extending units mounted in front of the basic screed) and mechanical bolt-on extensions, this maximum is at 19 ft. 6 in (5.95 m). Strong performance even when operating at this maximum capacity is provided by a liquid-cooled 4-cylinder diesel engine, which functions reliably even under extreme climate conditions. The engine has an output of 173 hp (129 kW) at 2,000 rpm. When working in ECO mode, which is sufficient for most applications, the engine runs at a maximum of 1,700 rpm, further reducing noise emissions and fuel consumption.

**Laydown rates of up to 770 US tons/h (700 tonnes/h)**

The entire material handling system of the SUPER 1700-3i and SUPER 1703-3i is also designed for high output, starting with the extra-large receiving hopper with a capacity of 14.3 US tons (13 tonnes), which supports the easy and rapid supply of mix from the trucks. Even a truck hitch is available. Powerful separate hydraulic drives for the conveyors and augers ensure an optimum head of mix in front of the screed in every paving situation: They support high laydown rates of up to 770 US tons/h (700 tonnes/h). To transfer this performance onto the road, both pavers have outstanding traction. For the SUPER 1703-3i wheeled paver, customers have a choice between a 6x4 and 6x6 drive.

**Stability combined with variability: VÖGELE VF 500 Extending Screed**

As the technology and world market leader, VÖGELE views the paver and screed as a single system, and closely coordinates the two during development. This is evident in the combination of the SUPER 1700-3i and SUPER 1703-3i with the VF 500 front-mounted extending screed (with extending units mounted in front of the basic screed). It features extremely high stability for maximum evenness and great variability. From the ErgoPlus 3 screed console, the screed width is rapidly and infinitely variable in a range from 8 ft. to 15 ft. 6 in. (2.45 m to 4.75 m) – or up to 19 ft. 6 in. (5.95 m) with bolt-on extensions.

\*\* End of press release \*\*

Characters (including spaces): 4,868

Ludwigshafen am Rhein/March 2020

**Photos**:

**Voegele\_SUPER\_1700-3i\_SUPER\_1703-3i**

The benchmark for 8-foot pavers:   
SUPER 1700-3i and SUPER 1703-3i from VÖGELE.

**Voegele\_V\_1218\_127**

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Immediately recognizable by the yellow hardtop:

The SUPER pavers from VÖGELE.

**Voegele\_V\_1218\_200**

Totally ergonomic: The ErgoPlus 3 operating concept with practical remote control unit for the screed operators.

**Voegele\_S1700-3f**

Clean technology: Thanks to a sophisticated exhaust aftertreatment system, machines with the designation “i” at the end of their name for “intelligent emissions control” meet the strict regulations of US EPA Tier 4f.

**Voegele\_V\_1219\_131**

The VÖGELE VF 500 front-mounted extending screed (with extending units mounted in front of the basic screed) features extremely high stability for maximum evenness and great variability.

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