

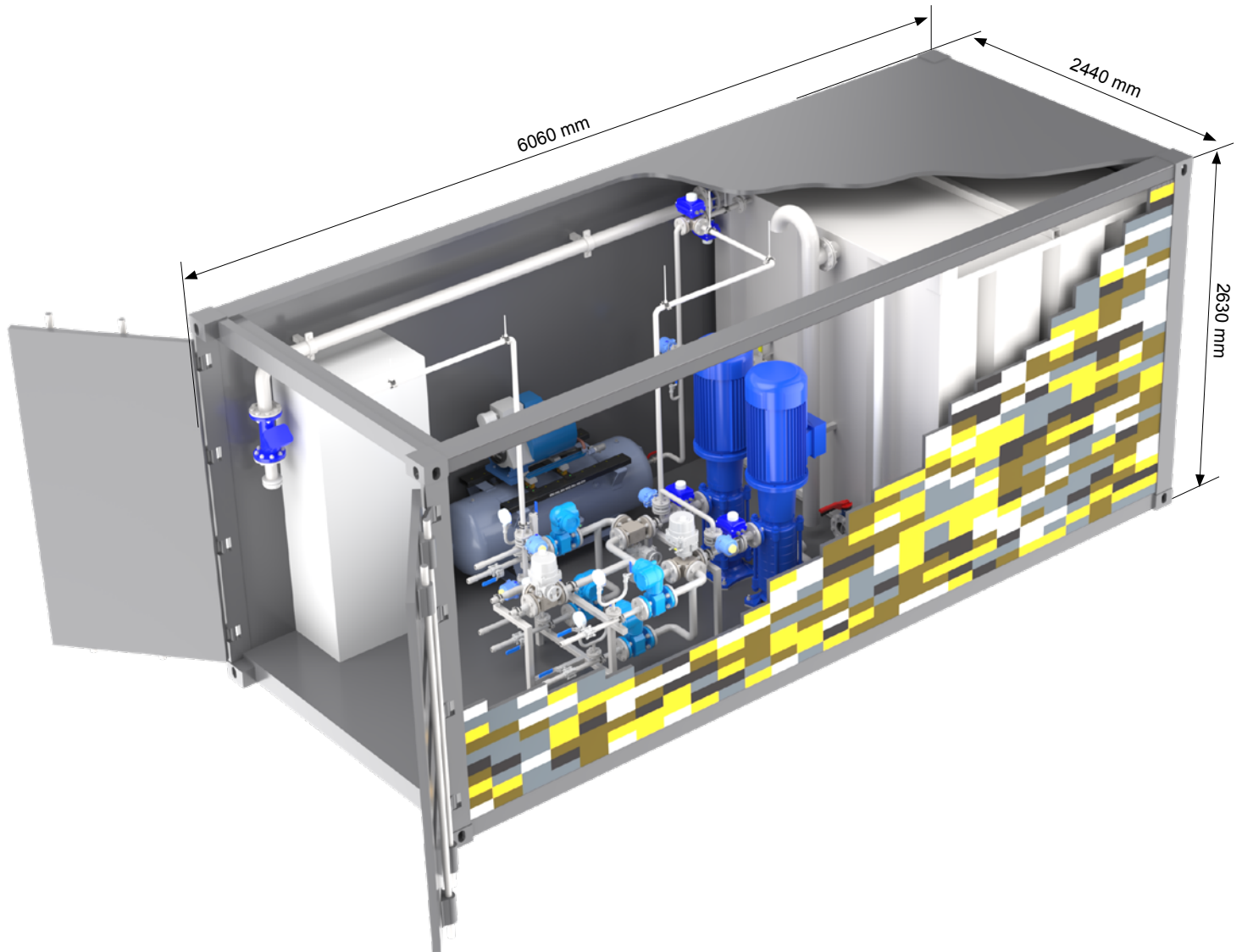


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NSA 4000

JETTING CONTAINER

Technical data

NSA 4000**JETTING CONTAINER****Low-pressure jetting system – new generation NSA 4000**

Technical data	
Pump system and capacity	2 independent, infinitely variable high-performance pumps with a flow rate of 20 m ³ /h each
Pump operating pressure	max. 22 bar
Required power supply	63 A for single-pump operation 125 A for two-pump operation
Compressed air support	External connection for compressed air system for jetting with air support
Slurry feed	External connection for mixing plant with feed pump
System dimensions	20 ft container Length approx. 6.06 m, width approx. 2.44 m, height approx. 2.63 m
System weight	Transport weight approx. 7 t
Loading and unloading	Via corner castings and forklift pockets
Feed connections	Water: Storz B Slurry: DIN 20037 G 1" male X Rd 38x1/8" male, taper 1:3 Compressed air: DIN 20037 G 1" male X Rd 38x1/8" male, taper 1:3
Outlet connections (jetting line)	4 x DIN 20037 G 1" male X Rd 38x1/8" male, taper 1:3

< 2 of 2 >

NSA 4000**JETTING CONTAINER****Intelligent low-pressure jetting technology**

Vibrating heavy steel sections into densely compacted soils demands maximum power while keeping ground vibration to a minimum.

Our newly developed high-performance jetting system meets the highest standards of modern low-pressure jetting.

Optional integration into the base carrier's process data acquisition gives you maximum transparency, cost-efficiency and safety on your project.

During jetting operation, the rig operator controls the system by radio remote control. Every command is acknowledged by a signal on the remote control display. For start-up and cleaning, the system is operated directly at its control cabinet.

In the event of faults or other problems, one of our technicians can support your site via remote support.

Complete
data sheet

**Toe grouting**

Where required, the low-pressure jetting system can deliver slurry from an external mixing plant for toe grouting of the installed sections.

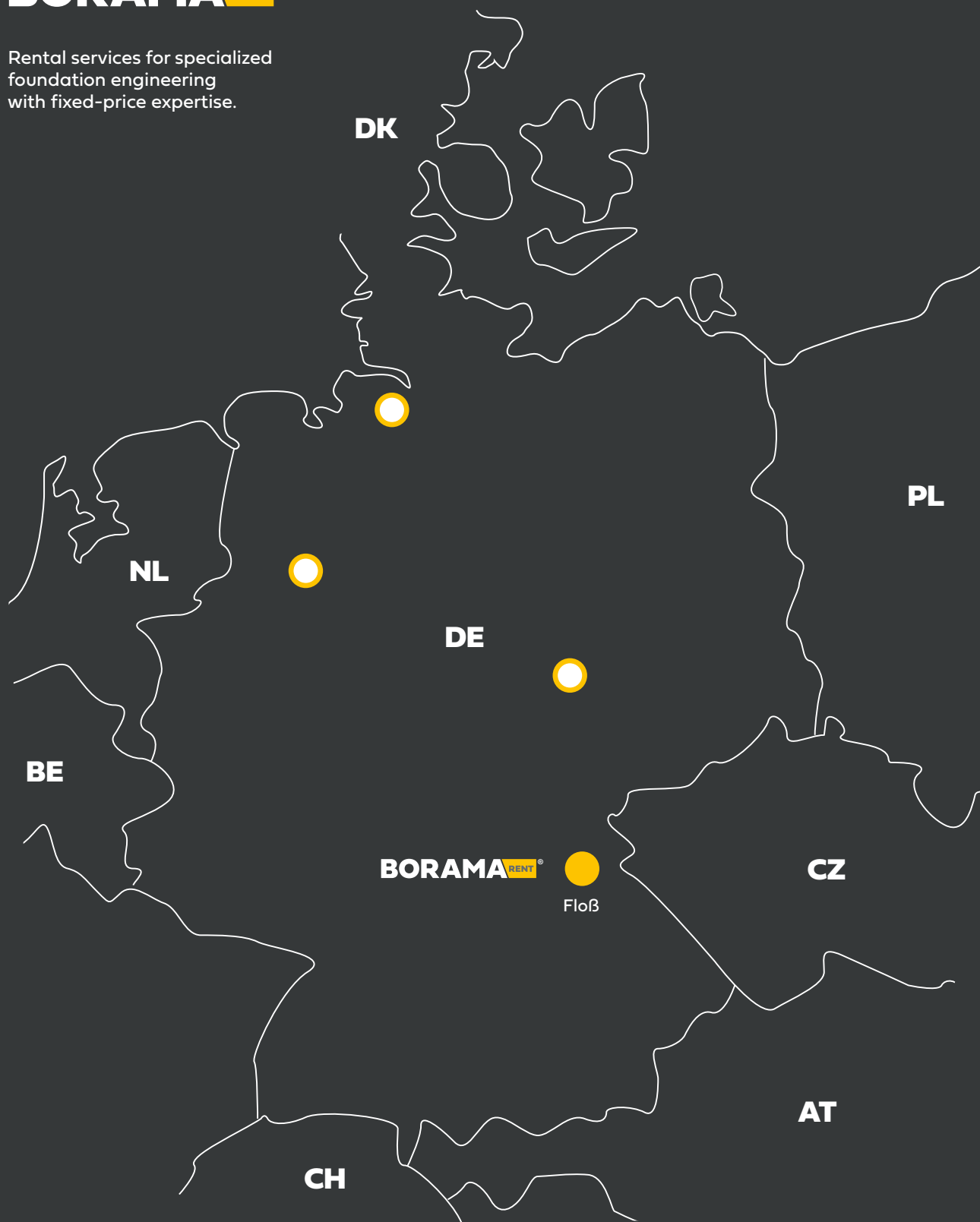
The existing hoses and jetting pipes are used for this. A valve operated via the remote control switches the system over to slurry, so no conversion work and no interruption of production are needed. Slurry volume and the corresponding pressure are recorded and logged automatically.

Data acquisition and monitoring

Real-time monitoring captures the machine and process data of all pumps, valves and flow meters and records it web-based. The data can be evaluated via a user-friendly dashboard and, on a synchronised basis with the piling records, forms the foundation for quality assurance and process control.

The insights from this data allow production parameters to be set optimally for the interaction between piling rig and jetting system.

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