

**Everybody thinks
they're the top
dog until they
meet the Alpha.**

The Brandt™ Alpha™ shaker resolves the decades-long challenges in solids control: deliver drier cuttings and retain more drilling fluid. Designed and built from the ground up, this high-performance, intuitive, single-deck shaker processes more fluid, produces drier cuttings, and reduces your operational costs. As the first line of defense in solids control, you need the shaker that's built to lead the pack.



brandt@nov.com

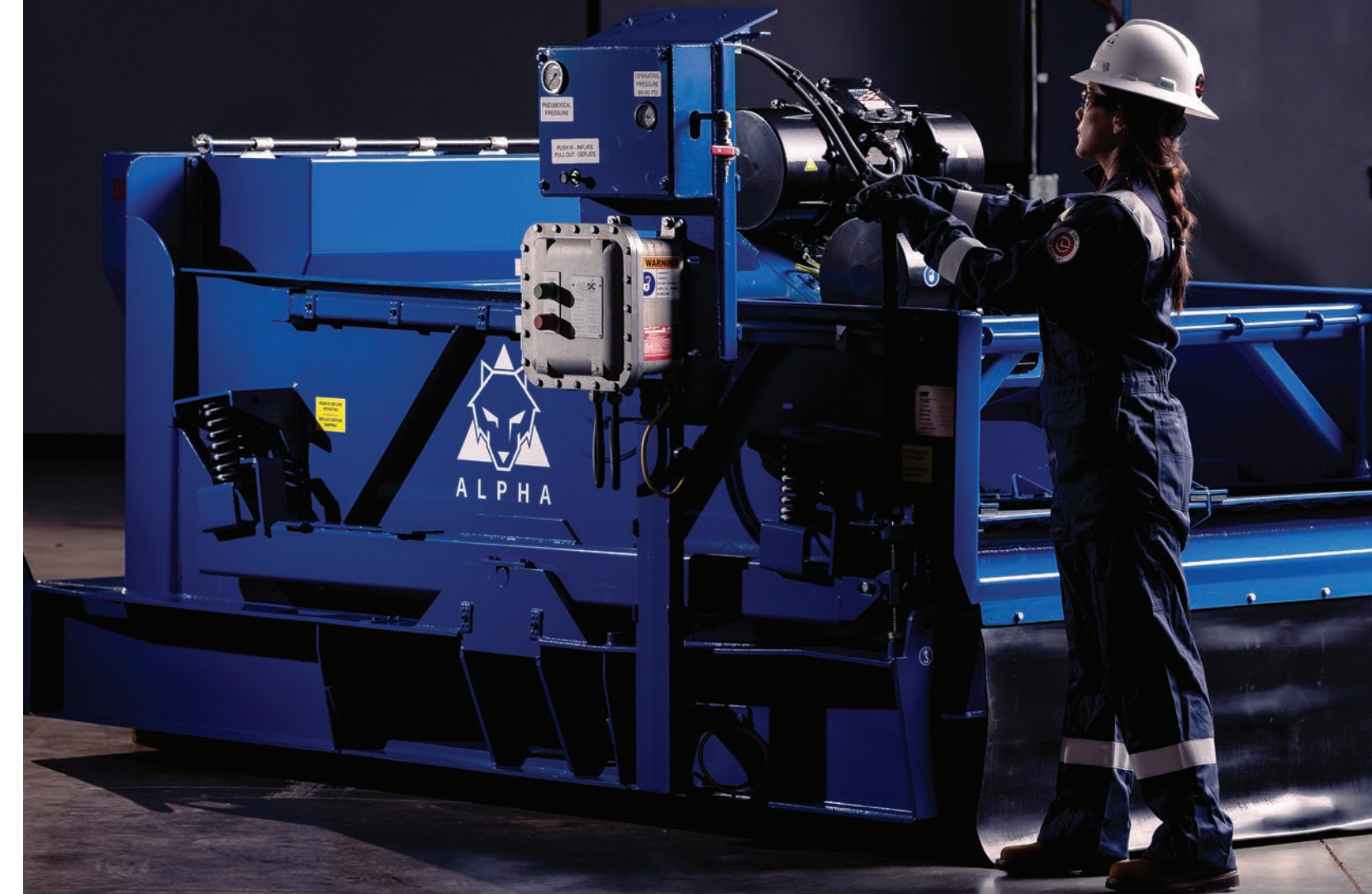
nov.com/wellsite

NOV has produced this brochure for general information only, and it is not intended for design purposes. Although every effort has been made to maintain the accuracy and reliability of its contents, NOV Inc. in no way assumes responsibility for liability for any loss, damage or injury resulting from the use of information and data herein. All applications for the material described are at the user's risk and are the user's responsibility.

© 2025 NOV. All rights reserved. 25-102866

Brandt

Alpha Shaker



Drier cuttings. Higher flow capacity. Lower costs. Let's get to work.

By delivering drier cuttings, the Alpha keeps drilling fluid in the active system and reduces the new fluid needed to get the job done.



Automation

Brandt AI is the digital DNA woven through our equipment, software, and services. It is our suite of smart automation features that enhance solids control performance through real-time adjustment, system monitoring, and predictive intelligence.

This platform represents a significant step forward in solids control automation—an area long neglected in drilling efficiency conversations. By eliminating guesswork and enhancing reliability, Alpha with Brandt AI helps operators reduce costs, improve sustainability, and drive smarter wellsite operations.

Alpha powered by Brandt AI

- Automated Deck Angle – automated deck angle adjustment
- Automated Flow Control – automated fluid flow optimization
- Shaker Hawk – remote monitoring



Drier cuttings

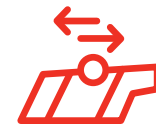
Retaining more drilling fluid reduces dilution costs and disposal trips. Less replacement fluid and drier cuttings mean fewer haul-off trips, ultimately. Fewer cuttings in the return fluid improve the efficiency of the mud system and extend the life of equipment by reducing unnecessary wear and tear.



Ease of use and HSE

No more bending, climbing, or reaching. Get the job done safely from one position. A simple pneumatic clamping system ensures easy screen access, while lightweight screens and longer-lasting consumables are easily installed or removed without hammers or other tools.

By operating at 70dB, Alpha is not only the quietest vibratory shaker on the market but also is quieter than most vacuum cleaners and washing machines. This reduced noise level protects the rig crew and minimizes disruption to surrounding communities.



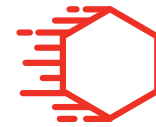
Enhanced linear motion

We don't tell you what it is, but we figured it out. This precision design delivers optimal linear motion, keeping the drilling fluid where it belongs without sacrificing capacity.



High efficiency

Each unit runs reliably and efficiently on a standard horsepower motor, providing greater processing capacity with lower fuel demand. Most land rigs have a footprint for three shakers, but with the Alpha shaker's increased capacity, you can run just two units with a third on standby for some drilling applications. The pneumatic clamping system creates a tight seal around the edges of the screens, which effectively achieves near-zero bypass and boosts efficiency.



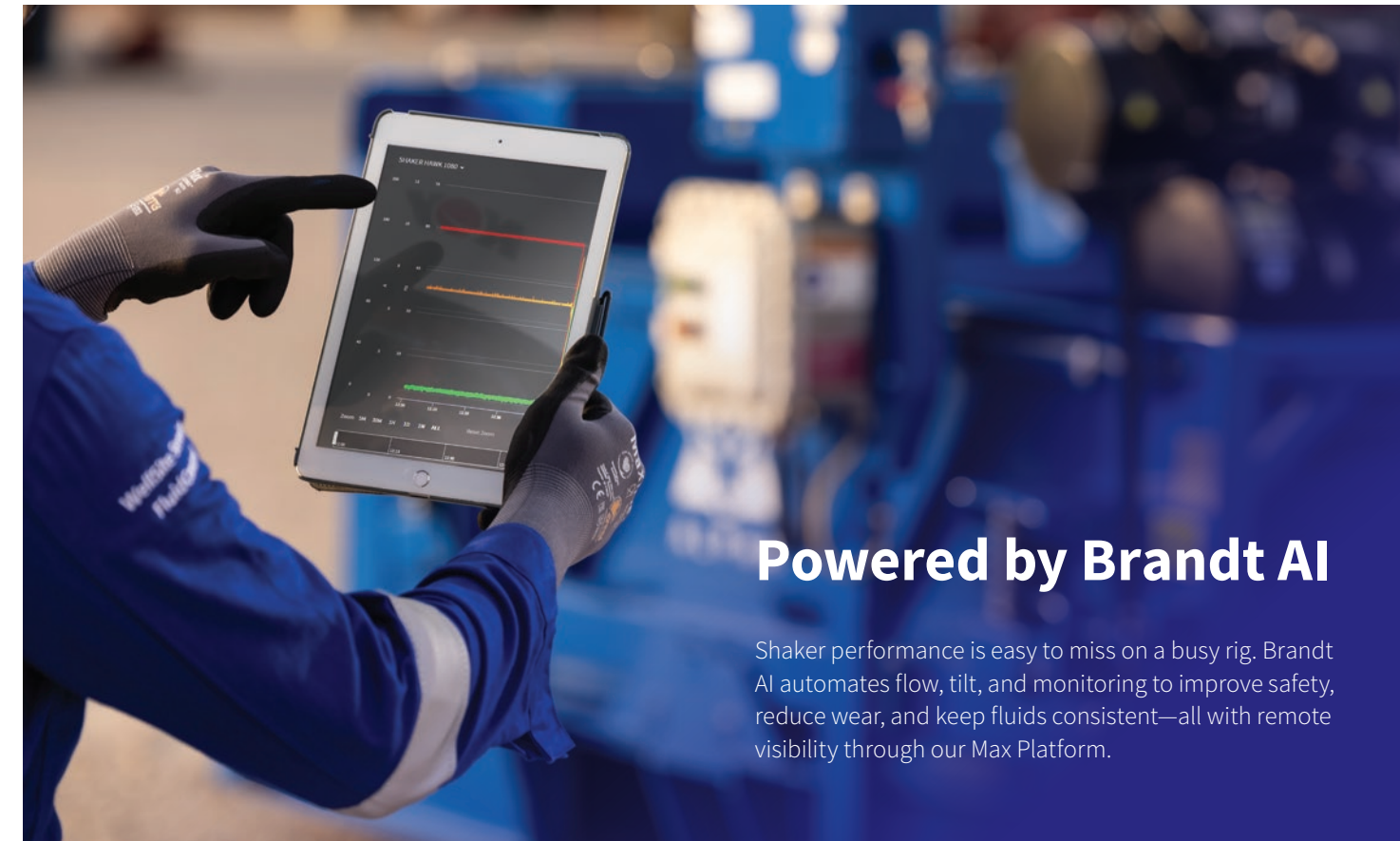
Maximized capacity

The Alpha processes cuttings at up to 40% higher capacity than any other single-deck shaker. Featuring a robust yet simple screen clamping system, enhanced linear motion, and increased non-blanked open area, the Alpha results in considerably drier cuttings and significantly higher handling capacities.



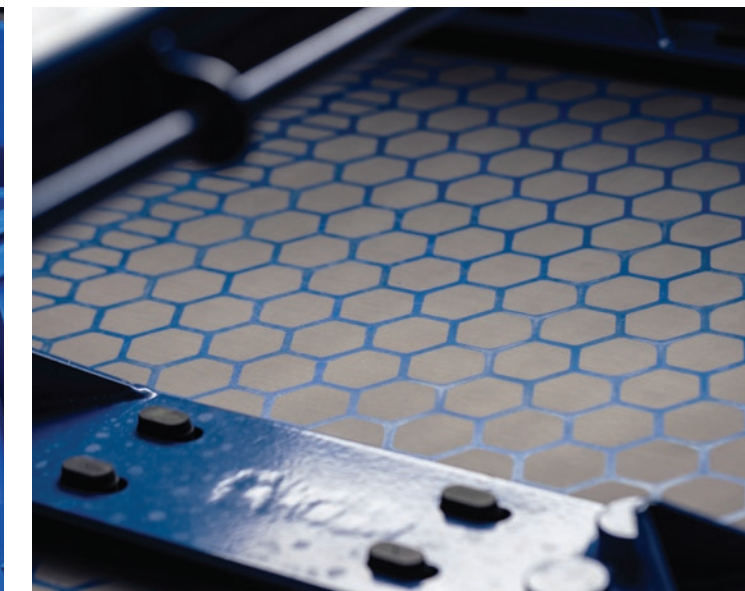
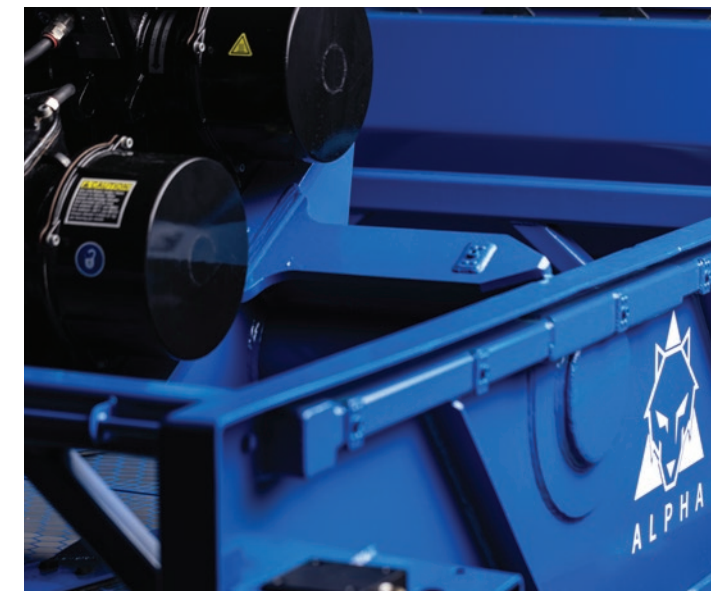
Retrofittable

The Alpha easily retrofits into Brandt King Cobra™, King Cobra Hybrid, and King Cobra Venom skids in one day, eliminating the need for hazardous hot work.



Powered by Brandt AI

Shaker performance is easy to miss on a busy rig. Brandt AI automates flow, tilt, and monitoring to improve safety, reduce wear, and keep fluids consistent—all with remote visibility through our Max Platform.



Next-generation shaker

Plug-and-play connectivity with the Shaker Hawk™ remote monitoring and automation platform provides performance, efficiency, and maintenance optimization, enabling rig personnel to focus on other tasks. As a next-generation shaker, the Alpha is designed to seamlessly integrate future advanced technology for shaker automation.

Beyond oil and gas, the versatile Alpha shaker serves several industrial applications, including:

Concrete grooving
Cutter soil mixing
Dredging
Environmental
Geothermal
Horizontal directional drilling
Hydro excavation
Industrial process water
Tunnel boring
Micro tunneling
Municipal wastewater
Sludge dewatering
Slurry dewatering
Solids dewatering
Vacuum trucks
Water well drilling

Case study

The Alpha shaker has proven to enable safer, more efficient drilling operations. In the Utica Basin, an operator replaced competitor shakers with Alpha shakers while drilling three wells. While the previous shakers could only screen to API 170, the Alpha shakers were able to screen finer to API 200, resulting in cleaner mud and less dilution. As a result, the total cost per foot decreased by 18.4%, thanks to savings on screens, lime, lubrication, diesel, and time.