



Multi Grip Slip

MGS-1000

Safer operations. Stronger performance.

The MGS-1000 Multi Grip Slip helps make rig operations safer, simpler, and more efficient. Rated up to 1000 sTon, it handles tubulars from 2 $\frac{3}{8}$ in. to 14 in.

Six interchangeable slip assemblies cover a wide range of string configurations. The system delivers back-up torque up to 40,000 ft-lbs. and complies with the latest edition of API 7K.

The MGS-1000 is built to reduce manual interaction. It supports hands-free operations and helps enable robotic solutions, allowing crews to focus on more complex, higher-value tasks.

One machine. More ways to work.

- Improves operational efficiency
- Reduces downtime
- Simplifies diagnostics and maintenance
- Lowers total operating cost
- Supports HSE goals

Designed for safer, more efficient operations

Safety and efficiency pressures continue to rise across the industry. We developed the MGS-1000 to help address those challenges, improving safety while supporting hands-free and automated operations on the rig.

Built to handle more with one slip assembly

The MGS-1000 is a Multi Grip Slip that allows operators to run a wide range of tubulars using the same machine. It is designed and manufactured with NOV DROPS compliance in mind and meets the latest API 7K requirements.

The MGS-1000 fits directly into the RST495 rotary table. With an adaptor ring, it can also be used with other rotary tables, including the RST755 and RST605.

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Performance advantages

- Slip-type tool capable of handling multiple pipe types, regardless of tool joint configuration
 - Software integration with NOV Tally Master, other databases, or manual string configuration entry
 - Swiveling inserts that align with the pipe across varying pipe sizes
 - Capability to operate and dress the slip for running completions
 - Stepless ram guide opening from 2.375 in. to 19.5 in.
 - Ram guide centering force of 15.77 sTon at 2500 psi (172 bar), compared to 12.3 sTon for the PS-30
 - Slip cylinder centering force of 26 sTon across the full stroke at 2500 psi (172 bar)
 - Adjustable power-up force across twelve cylinders, limited to 10 sTon at 500 psi (34.5 bar) to help reduce dropped-string risk
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Related solutions

ATOM RTX robot

NOV offers rig robotics for partial or complete hands-free operations. ATOM RTX robotics is designed to work with this MGS-1000 for hands-free slip assembly changes as well as offering doper solutions, tabular guiding, riser bolting, saver-sub grip and spin, and more.

MGE-1000

NOV's Multi Grip Elevator works in conjunction with the MGS-1000. Paired with robotics, the user can expect safe and efficient hands-free operations with little to no red zone exposure.