



ATOM RTX

Fully-automated, advanced system robotics improve performance on drilling rigs.

Our ATOM™ RTX modular robotics system is designed to complete multiple tasks on the drill floor while improving safety, efficiency, and consistency. When integrated with NOV Automation control systems (Cyberbase, Amphion, and NOVOST™), the ATOM RTX system can be scaled to your operation for land or offshore applications and can be retrofitted to compliment your existing rig equipment. The system allows you to get personnel out of the red zone and away from other potentially hazardous areas on the drill floor, as the tasks performed become consistent and repeatable, regardless of weather conditions or crew variables.

Using end effectors, the robotic arms in the ATOM RTX system can quickly and easily interchange between tasks. A rack of end effectors specially designed for each task sits adjacent to the system, and one or multiple ATOM RTX robotic arms can rapidly equip themselves for:

- Tailing pipe
- Standbuilding
- Tripping in and out
- Stabbing pipe
- Doping
- Mud containment

Features and benefits

Safe

Removes crew from the red zone and other potentially hazardous areas.

Consistent

Provides predictable outcomes in the repetitive tasks and valuable operational improvements in drilling.

Scalable

Design the system to compliment existing equipment and build it for your tasks, on your rig.

Adaptable

Use the ATOM RTX series to achieve multiple tasks on the drill floor by using different end effectors

Tomorrow's drilling rig is here today—a rig that consists of a hands-free drill floor and remote operation. The ATOM RTX system is the future of drill floor operations.