

# Backpacker



## Key Benefits and Features

- Stainless steel remote control cabinet with air/hydraulic control system controlled from rig floor
- Can be used for single joints or strands of pipe
- Works during make-up or back-out

Use in the following applications: **Deepwater and ultra-deepwater** Mid-water shelf Land

The Backpacker compensator system is designed to aid in the running and pulling of premium threaded tubulars. Use of this system allows the driller to position the add-on joint or stand, just above the box connection. From that point the Backpacker controls all joint/stand movement. The Backpacker is referred to as the “intelligent compensator” due to its unique feature whereby each joint or stand is individually

weighed by the Backpacker system. Using the unique joint or stand weight, the Backpacker allows the joint or stand to be compensated such that only a minimum axial load is applied to the pin/box threads being made up. With this level of compensation control, premium connections can run with confidence that the pin nose will not be damaged during stab-in and galling will be greatly reduced or eliminated.

## Specifications

Cylinder Length Retracted	55.1 inches [1,400 millimeters]
Cylinder Length Fully Extended	88.6 inches [2,250 millimeters]
Unit Air Supply	120 pounds per square inch [8 bar]
Control Unit	110 pounds [~49 kilograms]
Available Sizes	1.5 tons, 5.0 tons and 8.5 tons

Dimensions provided are approximate and do not include associate rigging

