

# LEDGERRUNNER™

Re-orientating ratchet sub



## Product

LedgeRunner is a Casing / Liner running sub, designed to overcome restrictions as the completion string is run into the wellbore. By re-orientating an eccentric nose shoe using pick-up and set-down in order to overcome wellbore restrictions and aid delivery of the casing to bottom every time. Each stroke up or down will advance rotation of the pilot shoe by 30°

## Features

- Re-orientating ratchet sub
- High torque transmission
- High tensile capacity
- Robust design, no external small components
- 30° Advance per stroke (60° per cycle)
- Fully customizable

## Options

- Tool supplied as:
  - Sub
  - Shoe
    - Inclusive eccentric nose
  - Shoe Assembly
    - w/ eccentric or reamer shoe
- All API and premium connections available
- All material grades available