

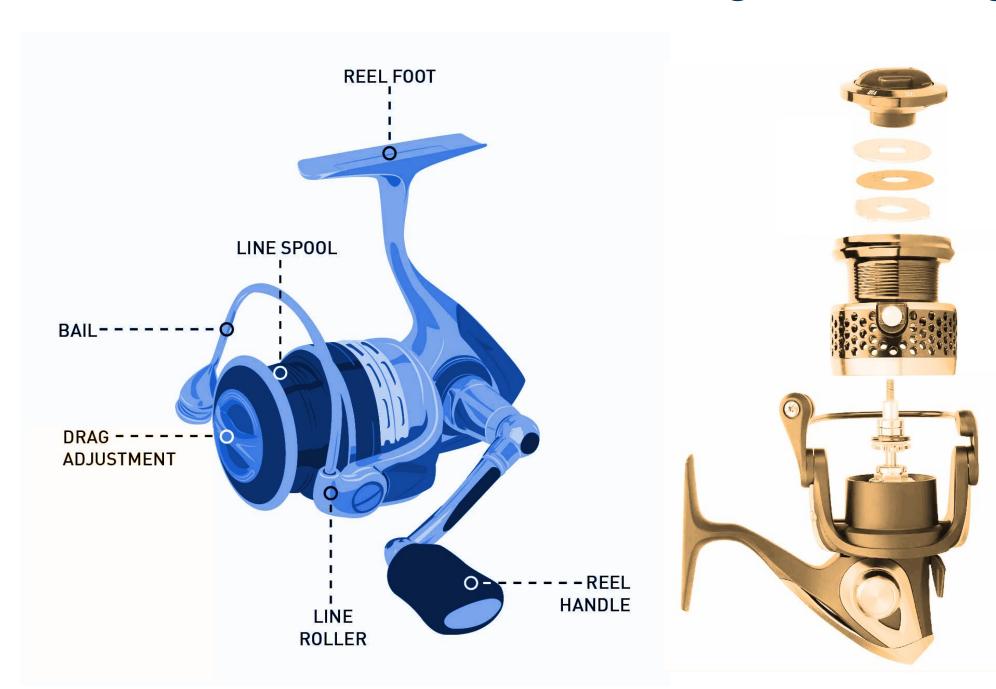
SET YOUR DRAG IN SECONDS

Chase Bolton | Max Mereminsky | Kai Nambu | Andrew Sharp | Harnoor Lal



WHAT IS DRAG?

- Amount of force required to pull line off of the reel varied with friction plates inside reel
- Best set at 20-30% of the fishing line strength



WHY DOES IT MATTER?

TOO HIGH: Line snaps, lose catch and gear TOO LOW: Fish never tires, get spooled

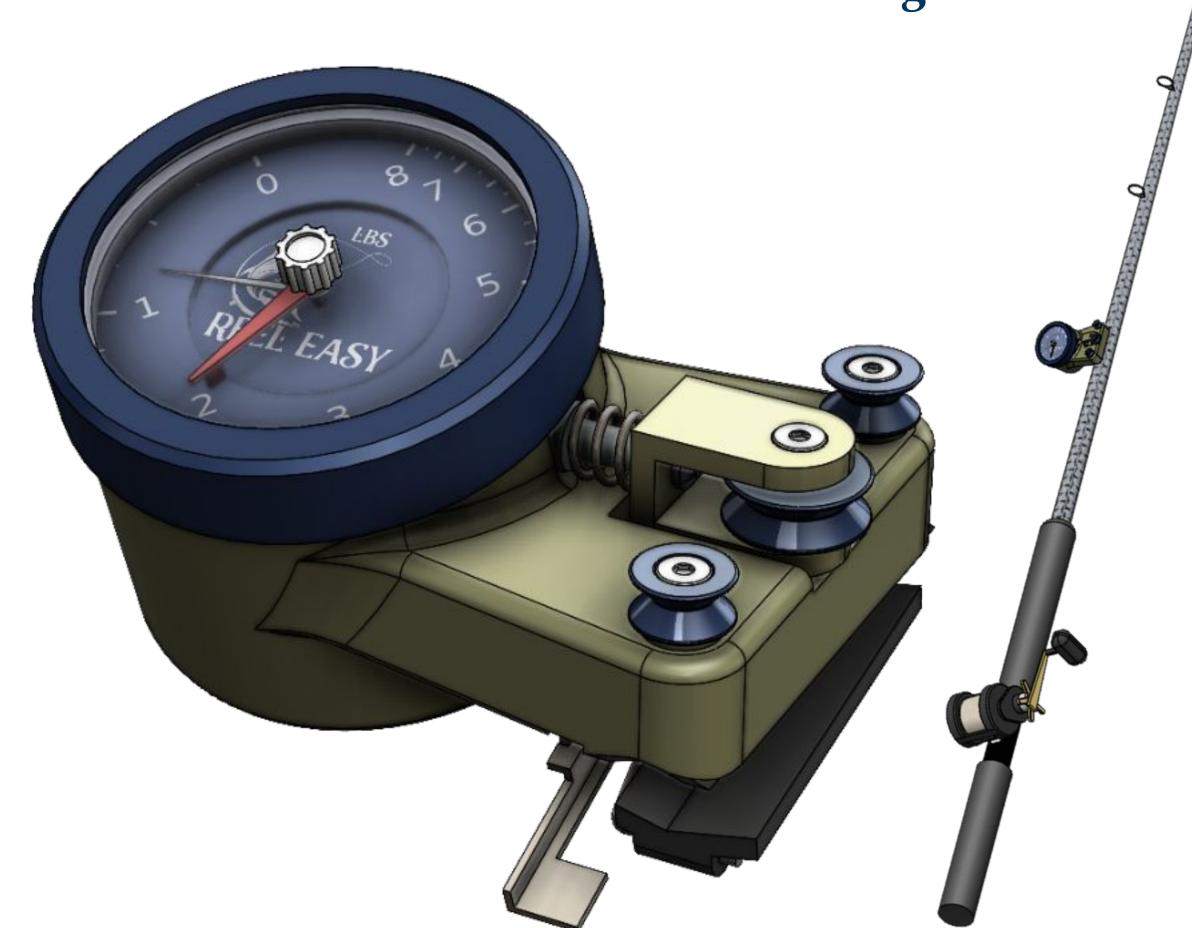
Current setting methods are inconvenient and/or inaccurate! Requires 2+ people or guesswork

PRODUCT VALUE

- Accurate one-person drag setting/monitoring
- Allows anglers to catch more fish
- Minimizes lost equipment, saves money and the environment
- Enhances productivity on the water

REEL EASY SOLUTION

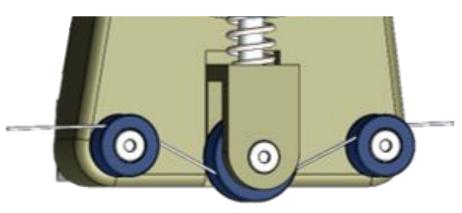
Rod mounted tension measuring device



REE EASY

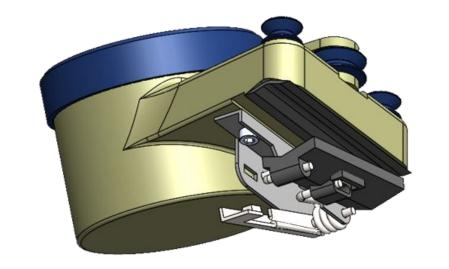
CUSTOM DIAL GAUGE

- Live and maximum tension
- ✓ 0.25 pound resolution



TRI-ROLLER SYSTEM

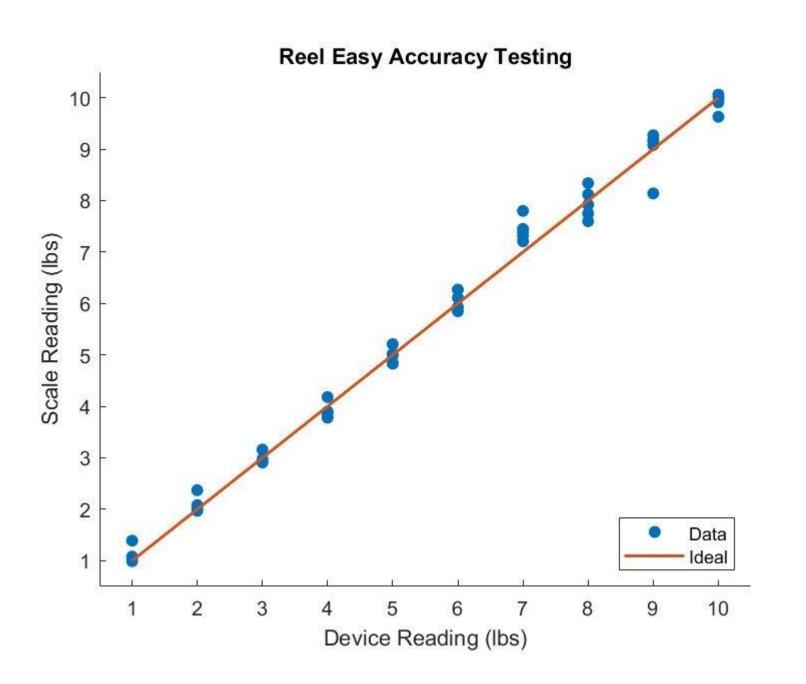
- Non-invasive to line
- Interchangeable spring



ADJUSTABLE CLAMP

- Quickly snaps on and off rod
- Variable diameter fixture

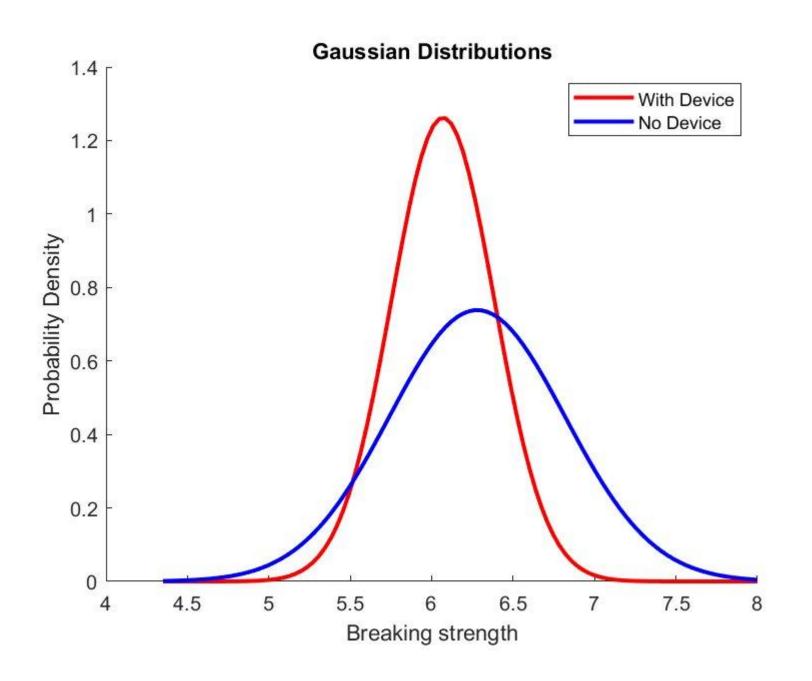
STATIC CALIBRATION



Empirical Accuracy vs. Theoretical Plot

- ✓ 1.19% average operating accuracy
- 5.84% standard deviation

LINE BREAK TEST



Line failure with and without device

- p = 0.09, not statistically significant
- Device does not cause premature breakage

