

Wire Tension Devices

This tension device is unexcelled for sensitive and smooth regulation. The brake drum is aluminum, to reduce spool inertia, and the oiled cork brake shoe rides on the polished drum surface. In operation this brake is strong enough to stop the spool within a turn or two, and the small amount of slack in the wire is taken up by the movement of the tension arm, resulting in the wire's remaining tight at all times.

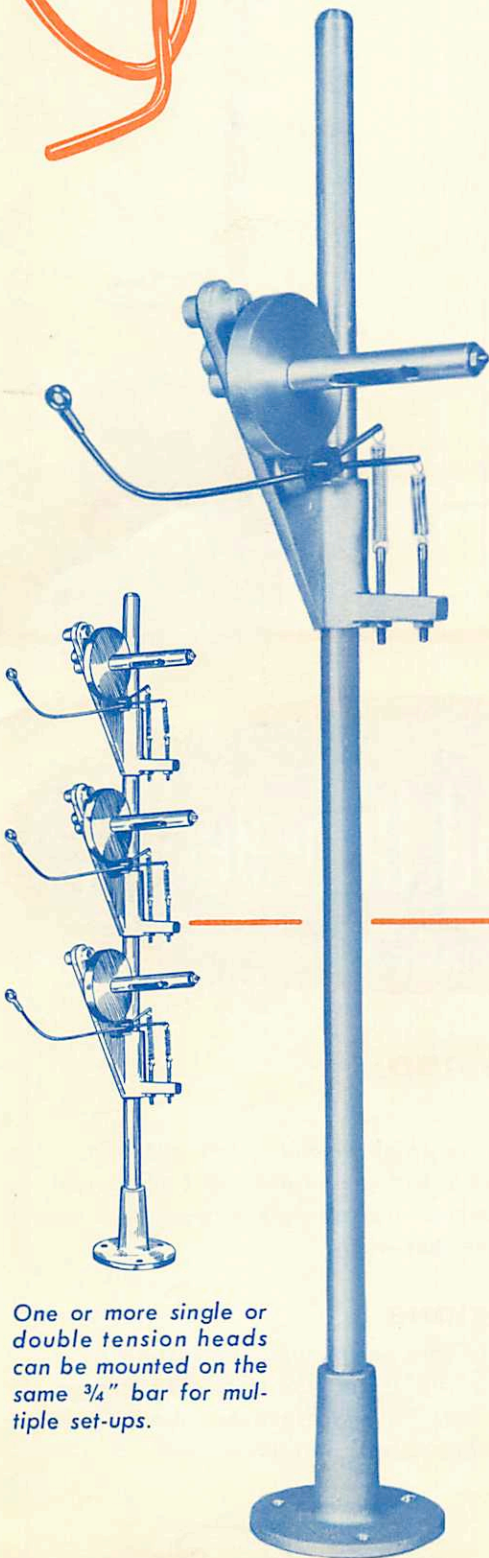
The tension of the wire actuates a light spring steel arm which has a high mechanical advantage in releasing the brake tension. Thus the transition from full brake to free running spool is made with little variation in wire tension and provision is made for additional travel of the tension arm after the brake is completely released so that there is time for the spool to start turning without wire breakage. No weights are employed and the entire device may be used in an upright, horizontal, or inverted position. Each tension head and spool holder is self-contained, and mounts on a $\frac{3}{4}$ " bar.

SPECIFICATIONS

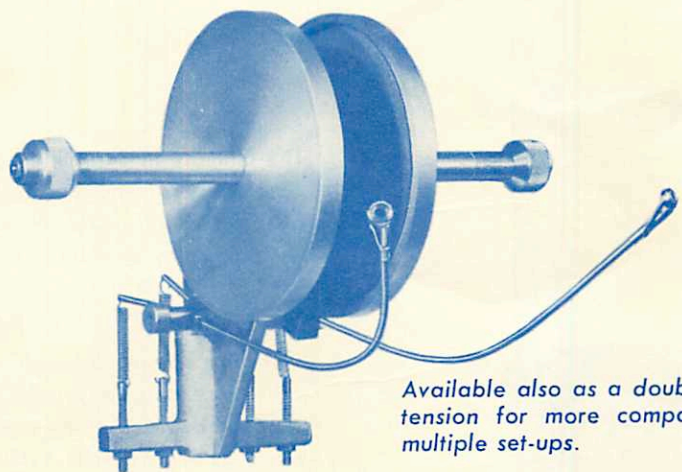
W-300A-3" — Maximum range #32-#50 or any wire normally supplied on 2½" or 3" spools. Recommended Range #36-#42.

W-300-4" — Maximum Range #28-#40 or any wire normally supplied on 4" or 4½" spools. Recommended Range #32-#38.

W-301-6" — Maximum Range #22-#38 or any wire normally supplied on 4½" or 6" spools. Recommended Range #25-#36.



One or more single or double tension heads can be mounted on the same $\frac{3}{4}$ " bar for multiple set-ups.



Available also as a double tension for more compact multiple set-ups.