

WIRE TENSIONERS and DE-REELERS

1. TYPE TGS

Heavy duty de-reeler for all types of winding application.
 Wire range 0.30 - 3.50 mm
 Max. reel dia. 500 mm
 Max. reel width 200 mm
 Spindle dia. 20 mm
 Dual tension system with internal shoe brake.
 Very good tension control.



2. TYPE TNR

Wire range 0.20 - 1.50 mm
 Dual tension adjustment.
 Spindle dia. 12 mm
 Max. reel dia. 400 mm
 Max. reel width 200 mm
 Can be mounted singly or in multiples.



TYPE TNR/R

As type TNR except wire range 0.30 - 2.00 mm

3. TYPE TC/R

Wire range 0.20 - 1.00 mm
 Max. reel dia. 200 mm
 Very fine tension adjustment.
 Reel container sizes:
 180 mm dia. for reels DIN 160
 200 mm dia. for reels DIN 180
 220 mm dia. for reels DIN 200



4. TYPE TC

Similar to TC/R but for thinner wires.
 Wire range 0.05 - 0.20 mm
 Max. reel dia. 200 mm
 May be used with any of the three container sizes listed.



5. TYPE TN

Wire range 0.10 - 0.40 mm
 Spindle dia. 10 mm
 Max. reel dia. 300 mm
 Max. reel width 150 mm
 Fine wire de-reeler with excellent tension control - may be mounted singly or in multiples (as shown).





6. Type TI
This de-reeler is for use with wire drums, containers or large type V reels. It has a spring tensioned feet pair and an adjustable brake. Can be used on containers or for reeling in coils. Wire range 0.50 - 4.00 mm

7. Type WR
Simple and robust unit, ideal for electric motor coil winding applications. Designed to hold the wire on a reel up to 100 mm diameter. The adjustable wire spool to be wound is parallel. The spindles are sprung loaded friction brakes.

8. Type FTD
Heavy duty de-reeler for wire or strip. Available with hand-adjusted permanent friction brake or pneumatically operated brake. Max. reel dia. 600 mm Spindle dia. 30 mm

9. Type CAV
This type is made in three sizes for 1, 2 or 3 spindles. Type shown is CAV-3. Each spindle is fitted with a reel drive peg and adjustable friction brake. The spindles are removed for fitting to the reel and then lowered into the top bearings, which have a locking device.

10. Type ST-6
Designed to take a V60 reel with overend take-off and straining device for ending up to 6 wires in parallel. Can be stroked to give 12 reel capacity.

11. Type RS/PW
This is a heavy duty wire and strip straightening and tensioning stand. Two twin plate roller straighteners are fitted for straightening wire/strip between 2 and 10 mm diam/crosswidth. Fitted with a PW type pneumatically operated wire straightening and tensioning unit. Especially useful for straightening strip which is malformed in both planes.

12. Type HW/12T
Heavy duty multiple wire or strip tensioning unit giving constant tension. For straightening up to 12 wires or strips in parallel, either in one horizontal or vertical plane. Hydraulically operated cylinder supplied from an air/hydraulic unit. Fitted with remote tension control and release for fitting to the coil winding machine.

13. Type HW/12TT
Heavy duty tensioner as Item 11, but with a tensioner fitted to a free running saddle which automatically follows the line of the strip as it is being wound on the transformer.

14. Type PW/8T
Powerful tensioner for giving constant tension to wire or strip. Pneumatic cylinder tensions polished pack between which the wire passes. Tensions 4 steps up to 15 mm wide or 8 steps up to 8 mm wide. Larger versions available. Ideal for high area constant tension with hydraulic or high voltage electric motor loops.