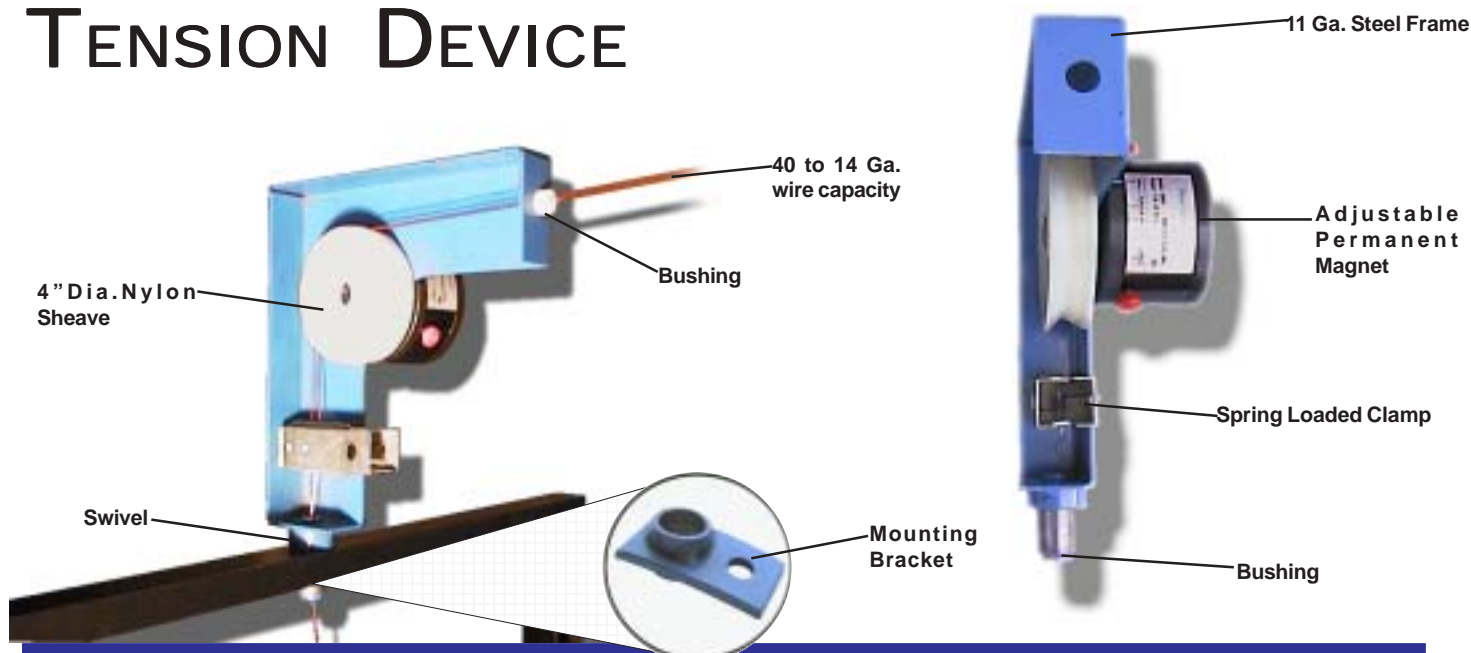


# PERMANENT MAGNETIC TENSION DEVICE



## TENSION

This precision-torque Tension Device provides constant wire tension at each adjustable setting. It has easy-to-read graduations to adjust the wire tension. Repeatability and accuracy are excellent. It does not require maintenance and provides extremely long life. The sheave shaft rotates in precision ball bearings. There are no other mechanical wear parts or electrical components to fail.

## DESIGN

The unit will not damage the insulation or coating on the wire. It is designed to apply constant tension to single or multiple strands of round 40 to 14 Ga. non-ferrous wire.

## MODELS

MODEL	TORQUE	SHAFT DIA.	W EIGHT
4962	20 Oz.In.	.25 In.	4 Lbs.
4964	10 Lb.In.	.625 In.	6 Lbs.
4965	25 Lb.In.	1.0 In.	8 Lbs.
4966	65 Lb.In.	1.0 In.	10 Lbs.

## THE WAY IT WORKS

This unit consists of the magnetic tension device, steel frame which supports the tension assembly and a 4" Dia. sheave. Nylon bushings in the spindle at the bottom guide the wire coming upward from the spool. A spring loaded clamp with a felt lining holds the wire on the sheave and also removes some of the oil from the wire.

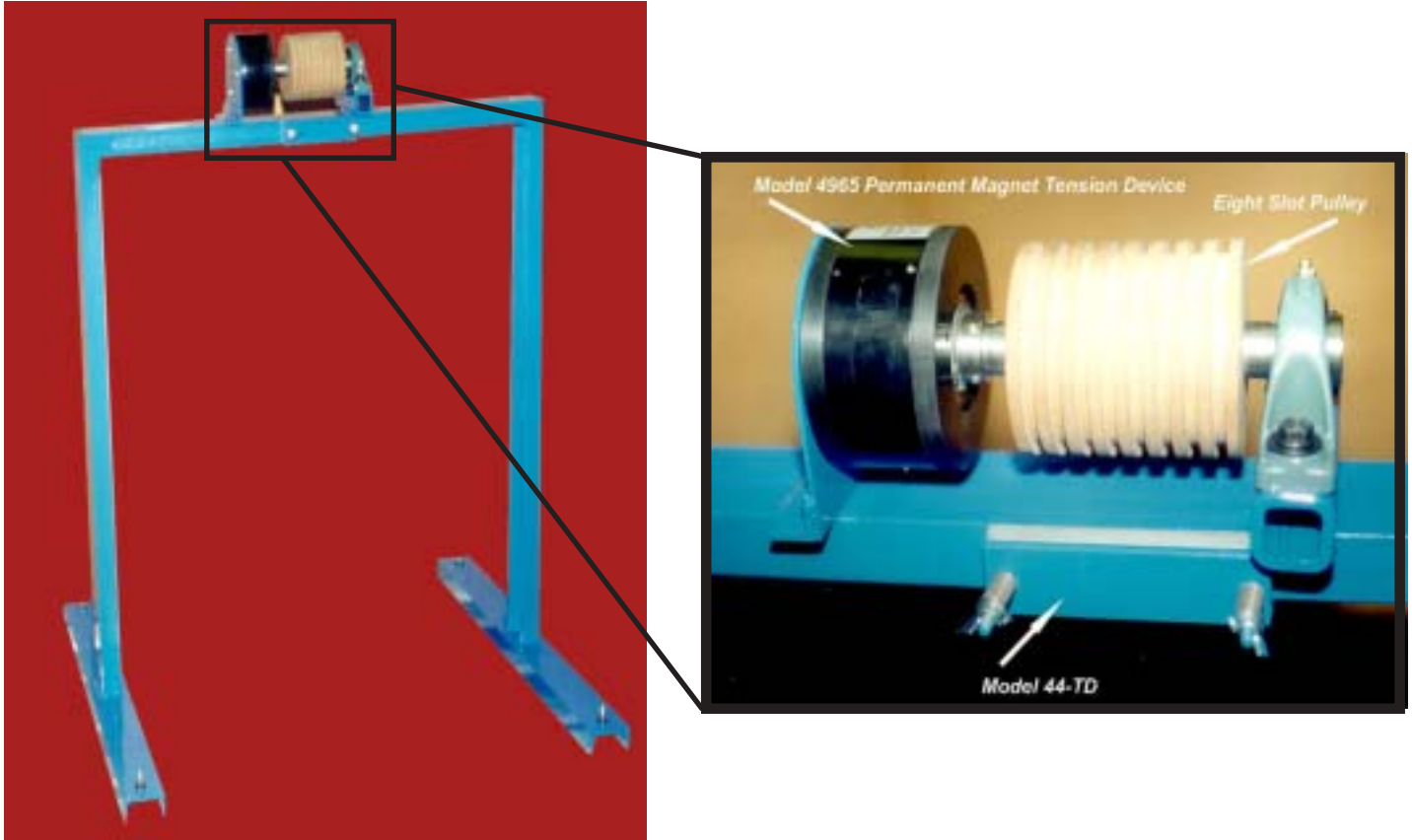
Wire is threaded through the bushings in the spindle, through the felt lined clamp, once around the sheave and out the final bushing. Tension is adjusted as needed. The tension units can swivel in any direction, allowing this device to be used for multiple spools of machines.

A mounting bracket is included and when bolted to a wire stand, it provides a socket for mounting the tension unit. Additional mounting brackets are installed over each spool, thus the tension units can easily be positioned over any desired wire size.

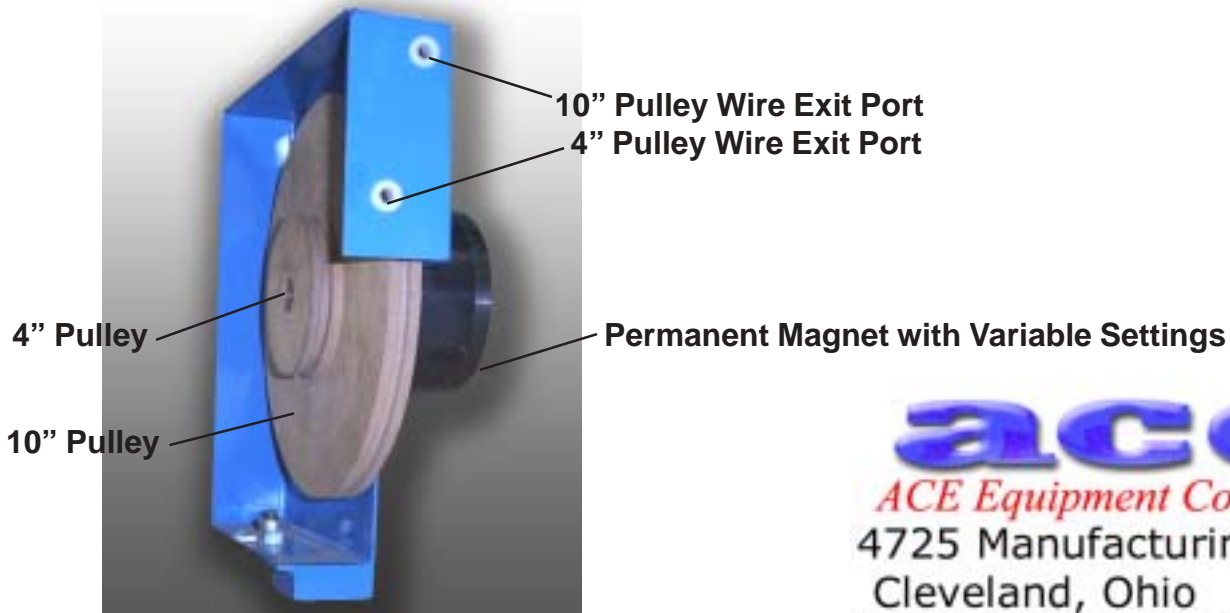
•**Dimensions:** 10"L x 6"W x 11"H

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Model 4965 with 8 Slot Pulley Accessory mounted on Stand



Model 4965 with Dual Pulley System.



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