

# WRAP REEL (Manual)

**INTRODUCTION**

One of the methods for determining the count of yarn is by making a lea of standard circumference and number of turns and finding its weight, from which the Tex. or the count of the yarn can be determined. The lea is usually made on a wrap reel, which may be either hand or motor operated. These leas may also be used for the determination of the strength of yarn (lea strength), or for conducting certain chemical or color fastness tests. The leas may be either Imperial having a circumference of 54 inches and can have 80 turns, or Metric having a circumference of one meter and can 100 turns.

**EQUIPMENT**

Paramount **WRAP REEL (Manual)** top unit is completely made of M.S. The top unit including wrap reel is mounted over a beautiful designed wooden base plate. One of the arms of the wheel can be locked to facilitate the removal of the leas from the wheel. The number of turns is indicated on the stroke counter fixed on top of the M.S Cover. The yarn guide device move through a distance of 20 mm once every sixteen turns to give leas of 20 mm width. Specially designed Bobbins stand can accommodate five bobbins upto 100 mm diameter and 250 mm length. The Bobbins stand is equipped with a yarn-tensioning device to facilitate in wrapping the yarn on the wheel. The standard wrap reel is suitable for making either Yardage or Metric leas. Composite Wrap Reel, which can make either of the two types of leas, with the help of an additional reel, is also available.

**SALIENT FEATURES**

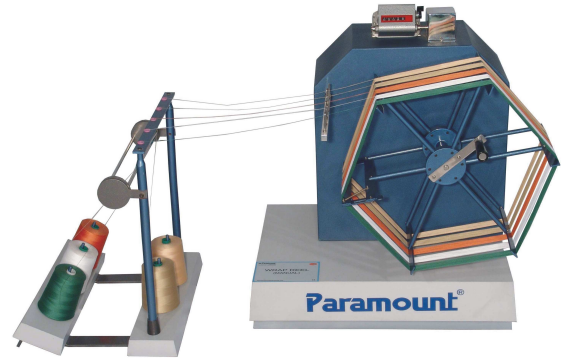
- > Specialized equipment to be used to make yarn lea.
- > Smooth precision engineered components for excellent performance.
- > Supplied with yard wheel, meter wheel is optional.
- > Specially designed Bobbin holding stand can accommodate bobbins dia up to 100mm.
- > Five leas of yarn can be made together.
- > Complete with all accessories.
- > Supplied with inspection & calibration certificates

**Wrap Reel (Manual) is supplied complete with below accessories.**

Main Unit fitted with Meter Wheel or 1.5 Yards Wheel	: 01 No.
Yarn Cone / Bobbing Stand	: 01 No.
User's Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No.

**TECHNICAL DETAILS**

Swift Parameter	: Metric - 1 meter or Yardage - 1 ½ yards
Number of leas made at a time	: 5
Spread of each lea	: 20 mm
Revolution Counter (5 Digit)	: 0 – 99,999 Stroke , L/C : 1 Turn
Overall Dimensions of the Unit	: 690 (L) x 525 (W) x 675 (H) mm
Dimensions of the Cone Stand	: 440 (L) x 375 (W) x 520 (H) mm
Net Weight of the Unit	: 36 kg. (79.2 lbs)
Net Weight of the Cone Stand	: 7.5 kg. (16.5 lbs)



**RELATED STANDARDS**

ASTM – D 1907 / D 2260

**REFERENCE STANDARDS**

ISO – 2060  
 BS – 2010  
 DIN – 53830