

TECHINCAL DETAILS

OF

digiWRAP 5™

1. INTRODUCTION

digiWRAP 5™ is an ideal equipment to produce Lea/Hanks of yarn for checking the yarn count and for lea strength Testing.

2. EQUIPMENT

Paramount *digiWRAP 5™* 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. It has a specially designed digital control panel with revolution setting option. 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 unto 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.

3. SALIENT FEATURES

- Specially designed digital model to be used to make lea of yarn.
- Digital control panel with resettable revolution counter.
- Supplied with meter or yard wheel as per customer demand.
- Specially designed Bobbin holding stand can accommodate bobbins dia up to 100mm.
- Five leas can be made together.
- Complete with all accessories.
- Supplied with inspection & calibration certificates



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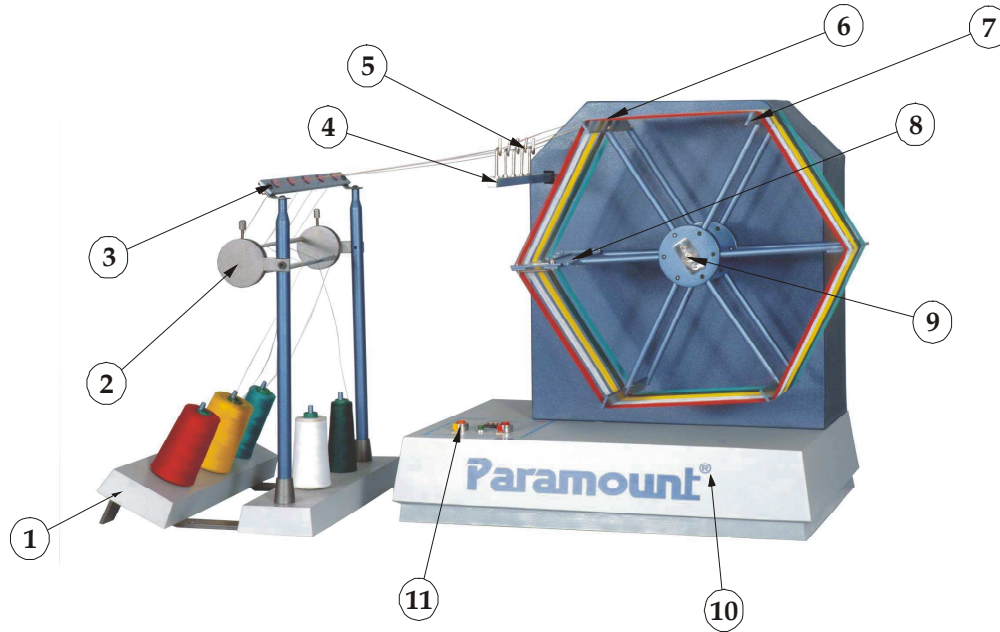


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4. DETAILS OF THE MAIN UNIT OF *digiWRAP 5™*

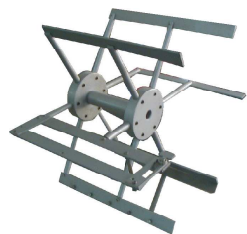


1. Yarn Cone / Bobbin Stand (5 Positions).
2. Yarn Tensioning Device.
3. Ceramics Eyelids.
4. Oscillating arm.
5. Pigtail Guides.
6. Leas / Hanks being made.
7. Plate with screws for Yarn Fixing (Starting Point of making the lea).
8. Lock of collapsible Arm (for smooth Removing of Leas / Hanks).
9. Swift / Wheel (1 Meter or 1.5 Yards).
10. Base of the Main Unit.
11. Digital Control Panel.

5. DETAILS OF THE ACCESSORIES SUPPLIED WITH digiWRAP 5™



a) Main Unit with Cone Holding Unit
 b) Swift/wheel (1 Meter)



Swift / Wheel (Yardage - 1.5 Yds.) optional



Mains Lead With Plug



This User's Manual



Calibration & Inspection Certificates

digiWRAP 5™ is Supplied Complete with below Accessories:

- | | |
|---|----------|
| Main Unit | : 01 No. |
| Swift/Wheel (Yardage-1.5 Yds.) (With Collapsible arm) | : 01 No. |
| Swift/Wheel (Meter-1 Mtr.) (With Collapsible arm)(Optional) | : 01 No. |
| Yarn Cone Stand | : 01 No. |
| Mains Lead with Plug | : 01No. |
| This User's Manual | : 01 No. |
| Calibration Certificate (Traceable to NPL) | : 01 No. |
| Inspection & Conformance Certificate | : 01 No. |

6. TECHNICAL DETAILS OF *digiWRAP 5™*

| | |
|-------------------------------------|--|
| Swift/Wheel Circumfrance | : 1.5 yards & 1 Meter |
| Number of leas made at a time | : 5 |
| Spread of each lea | : 20 mm + 2 |
| Counter (Three Digits) | : DIGITAL Pre-Set Counter with Sensor |
| Operating Speed | : 100 + 5 rpm. |
| Motor | : 1/8 HP 230 V single phase Geared Induction Motor |
| Overall Dimensions of the Unit | : 675 (W) x 550 (D) x 640 (H) mm. 27" (W) x 22" (D) x 25.5" (H) Inch. |
| Net Weight of the Unit | : 38 Kg. (83.7 lbs) |
| Overall Dimensions of the Cone Unit | : 440 (L) x 390 (W) x 515 (H) mm. 17.5" (L) x 15.5" (W) x 20.5" (H) Inch. |
| Net Weight of the Cone Unit | : 7.5 Kg. (16.5 lbs) |

7. RELATED STANDARDS

ASTM – D 1907 / D 2260

REFERENCE STANDARDS

ISO – 2060

BS – 2010

DIN – 53830

NOTE : *With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.*



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