“IDEAL” with unmatched quality is the 1st choice for more than 500 spinning mills in India. We export our bobbins to technically advanced countries. A living proof our QUALITY.

**KEY FEATURES**

**Product Portfolio**

The wide portfolio of IDEAL bobbins which are manufactured under technical tie-up with HOPE PLAST, USA includes Ring Frame tubes for all kinds of ring frames & applications, simplex bobbins, special quality ring spinning/doubling tubes for steam conditioning yarn and perforated cones/perforated dye cheese.

**In-House Tool Rooms**

Moulding shop with micro processor technology well equipped with in house Tool Rooms for making moulds, modern laboratory and R&D unit, our bobbins are the best available in the country with excellent trueness and consistency in quality.

**Unmatched Quality**

We stand guarantee for the quality of our bobbins which are made with utmost precision with the help of virgin raw materials. We are using basic raw material of PCG from GE and standard PC from GE as well as BAYER. ABS is sourced from BAYER and BHANSALI.

We manufacture all Auto Doffer ring spinning tubes from Glass Fibre Reinforced PC for better performance.

**Machinery Manufacturer Approval**

IDEAL make bobbins are approved by LMW & KTTM.
"IDEAL" Bobbin Holders were developed in technical collaboration with White Head Die Casting Co., USA.

Functionally it is divided into three segments: Trip Mechanism, Rotating Unit and Brake Unit.

1. **Trip mechanism** (holding and releasing mechanism) is redesigned and is robust, test guaranteed for 50000 strokes.

2. **Rotating Unit:**
   - This is the bearing unit and the most integral part of bobbin holder.
   - Bearing of bobbin holder is dry. It works without any lubrication.
   - Bearing components are manufactured from special grade polymers, subjected to special treatment for self sliding quality.
   - Balls are Stainless steel, the best available international quality and imported from Japan.
   - The bearing is dust proof. Not even micro dust will enter into.
   - Therefore, Consistent rotational quality is guaranteed for a long term.

3. **Brake Unit:**
   - Inbuilt self brake mechanism which never fails.
   - Brake springs are manufactured from imported wires from Germany.
   - A well defined brake shoe, brake plate and brake spring combination ensure release of roving equivalent to the roving pull force.
   - The brake unit is self adjusting to any varied pull force and is universal.

This is the best available bobbin holder in the country.

*Our Bobbin Holders hold all the Roving Bobbin Sizes and Weights.*
Bobbin Holder Family

Rotating White BBH

Non Rotating but Oscillating

IDEAL BBH

Rotating Red BBH

Stationery Red BBH
The selection of “IDEAL” products & position leads to perfect yarn conditions in the eyelet.

The yarn balloon influences the yarn tension and thereby yarn quality as:

- Yarn Elongation
- Yarn Strength
- Yarn Evenness
- Number of Imperfections
- Yarn Hairiness

**KEY FEATURES**

- **Abrasion Resistance**
  
  Due to the abrasion resistance against fibres an optimal performance is achieved. IDEAL lappet hooks are characterized by an ideal hardness. In other words HARD ENOUGH TO RESIST & SMOOTH ENOUGH TO PROTECT.

- **Perfectly Balanced**

  Due to optimized geometry of the elements the yarn guiding is perfectly balanced.
- **Long Life Time**

  Several factors as abrasion resistance, tufftrided (Hitech) or hard chrome plated surfaces and optimized geometry ensure the extended life time of IDEAL lappet hooks.

  Tufftriding is the most commonly applied treatment to improve the quality service life.

  To avoid premature wear of the thread guide IDEAL condition the eyelet. This is made possible because of the perfectly balanced elements.

- **Product Portfolio**

  The wide portfolio of IDEAL Thread Guide ensures the perfect geometry for all applications and machine types.

- **OEM Supplier**

  IDEAL lappet hooks are OEM to LMW.

**TYPES OF LAPPET HOOKS**

- Nickel Plated
- Hard Chrome Plated
- Hitech (Tufftrided)
As the name implies, the balloon breaker has the assignment to limit the balloon to reduce the yarn tension. The up & down movement of the ring rail gives a cyclic change in the balloon length during spinning. This leads to varying yarn tension. Balloon breakers have a relevant influence on the reduction of the variation.

**KEY FEATURES**

- **Precise Form**
  IDÉAL Balloon Control Ring guarantees highest accuracy.

- **Long Life Time**
  The choice of materials and the process for the IDÉAL Balloon Control Ring guarantees high wear protection on the constant level.

- **Product Portfolio**
  The wide portfolio of IDÉAL Balloon Control Rings ensures the availability of all required forms and sizes for every application and machine type.

- **OEM Supplier**
  IDÉAL Anti Ballooning Rings are OEM to LMW & MARZOLI.