

MOKSHA
THERMOPLASTICS PVT. LTD.



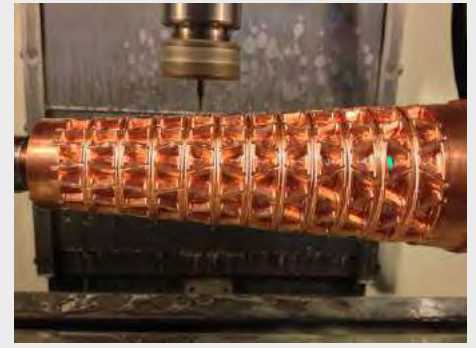
'Engineered'
Yarn Carriers

QUALITY POLICY

Our pride lies in our sigil **"Made by Moksha"** which represents our Obligation & our Guarantee - through calibrated perfectionism in all aspects to consistently engineer the highest quality yarn carriers in the industry all the while keeping a view on energy conservation & displaying concern for the environment.

Our primary goal is to offer bespoke products & services resulting in the complete satisfaction of our clientele. It is with their invaluable insights and feedback, that we credit our reputation to where it stands today.

We - The Directors, Management & Staff of our Family company - have dedicated ourselves for over 6 decades to constantly surpass the set industry standards & benchmarks in yarn carrier innovation & efficient manufacturing processes to produce design - revolutionary and faultless carriers in the shortest time frame. Be it with employment of the newest advancements in polymer technologies, or pushing boundaries on mould design capabilities, or via state-of-the-art automated & robotised manufacturing facility or through our highly skilled and dedicated work-force.



Our Product Programme :



Speed Frame Bobbins

High Precision ABS Simplex Bobbins for all makes of machines : Auto-doffing & BTS.
Colour Identification Rings for Additional Yarn Segregation
Hook Rings for Full/Partial Creel change Auto-doffing enabled BTS systems, preventing roving wastage.

Ring Spinning Frame & Doubling Tubes

Superior Precision Ring Frame tubes for Auto-doffing machines for Speeds upto 25000
and for all Ring Frames with Manual/Retrofitted Doffing Systems
Posiloc Tubes - Patent applied - Harmonized for Centrifugal Clutch Spindles of LMW.



Slim-Line Ring Spinning Tubes

Engineered upto 1.5mm thickness from Various 'Moksha' Proprietary Polymer alloys
Maintain Superlative Rigidity and Resist compression by Hoop Stress of wound yarns.
With Dimensional Stability at High Spinning speeds & having exceptional doffing capabilities
Remarkable gains in Productivity / Noticeable impact on the U/Kg.
Designed for Auto-doffer, Retrofit and Manual doffing with Linked/Non Linked winding systems.

'JST' The Maestro: Steam-conditioning @ 140°C

Custom-made yarn carriers proven for Exemplary performance : Perforated & Non Perforated,
Designed for Lycra, High twist, Polyester and Sewing threads.



Plastic Cones and Cheeses

Cones & Cheeses of all sizes & conicity for Winding, Open End, Jet Spinning,
Twisting, & Texturing and optionally designed for conditioning.

Tandem (Dual-Colour Yarn Carriers)

Customized solutions for additional flexibility to segregate & process
multiple small lots of unique yarns with individual identity.

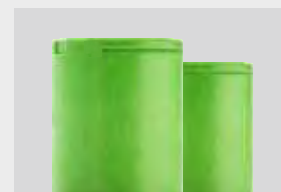


NEW Zebra Cones

Enhances the level of yarn identity & flexibility for parallel multiple counts on the shopfloor.

'M' tubes for Man-made POY Filament Yarns

Multiple Use with Starter Catch and Recess niche for Remnant Removal.



Perforated Cones & Cheese for Sale Yarns

Single-use Rigid or Axially / Radially Compressible PSDP range for Single use
& suitable for Ready to Dye Yarn packages for High Temperatures.
Highest quality raw materials respecting the International norms of plastics disposal. ♻️

Multiple Use Range of Perforated Cones & Cheese upto 140° C

Multiple-use Customized Products for various temperatures and yarns.
Exclusive & Robust quality options available for Spun / 100% Polyester / Filament Yarns
Top & Bottom Plate for Spindle on Yarn Dyeing Vessel.



Rieter Slim Range



LMW Slim Range



Saving Energy,
Time & Man-power



Lean & Light-weight
Structural Design

Toyota Slim Range



Saurer/Zinser Slim Range



Increased Yarn Content
& Spindle Speed



Mighty Rigidity &
Dimensional Stability

Moksha Standard Ring tubes

The Industry Standard since 3.5 decades

Tube thickness : 2.6 - 3.0mm

Average Weight : 38-50 g.

Material : Polycarbonate/ PCGF/ M 92

CONS

PCGF tubes have good dimensional stability. The thickness of these tube is high to resist the compression force by wound yarn.

PC/PCGF tubes have poor Sliding properties which increase the tube insertion force on the spring button spindles over usage.

M 92 is the preferred material for Spring & Button spindles on Ring frames with Linked winding system, & M 52 for machines with Linked & Non-Linked system.

Moksha Slim Line Ring tubes

Trend Setting Revolutionary Innovation

Designed Tube thickness : 1.5 - 1.8mm

Average Weight : 24-28 g.

Material : M5X/10X/Other Proprietary Polymer Alloys.

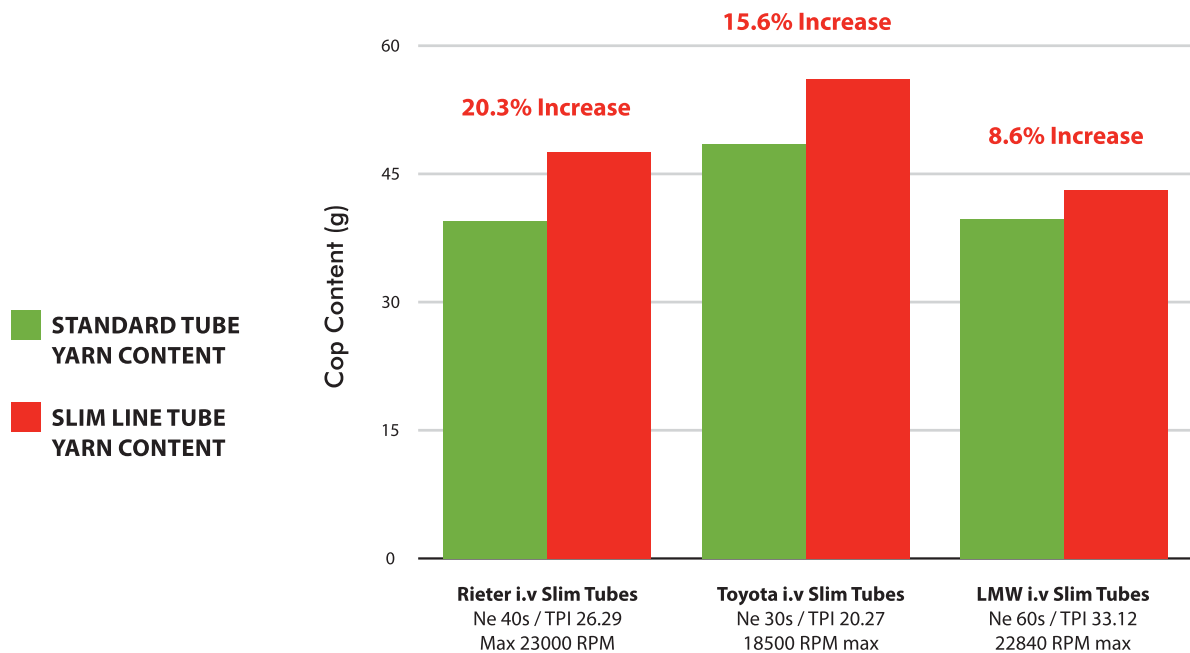
PROS

Excellent dimensional stability at reduced thickness to counteract the compression force (Hoop Stress) generated by wound yarn.

The Chosen Polymer alloys have superior Sliding properties to ensure precise machine doffer operation through-out the life of the tube on S+B Spindles.

- Yarn content Gain is Focused.
- Improved Productivity & Flexibility to Spinners.
- Possibility to Reduce U/Kg.

Possibilities with Slim Line Tubes - Productivity Gains



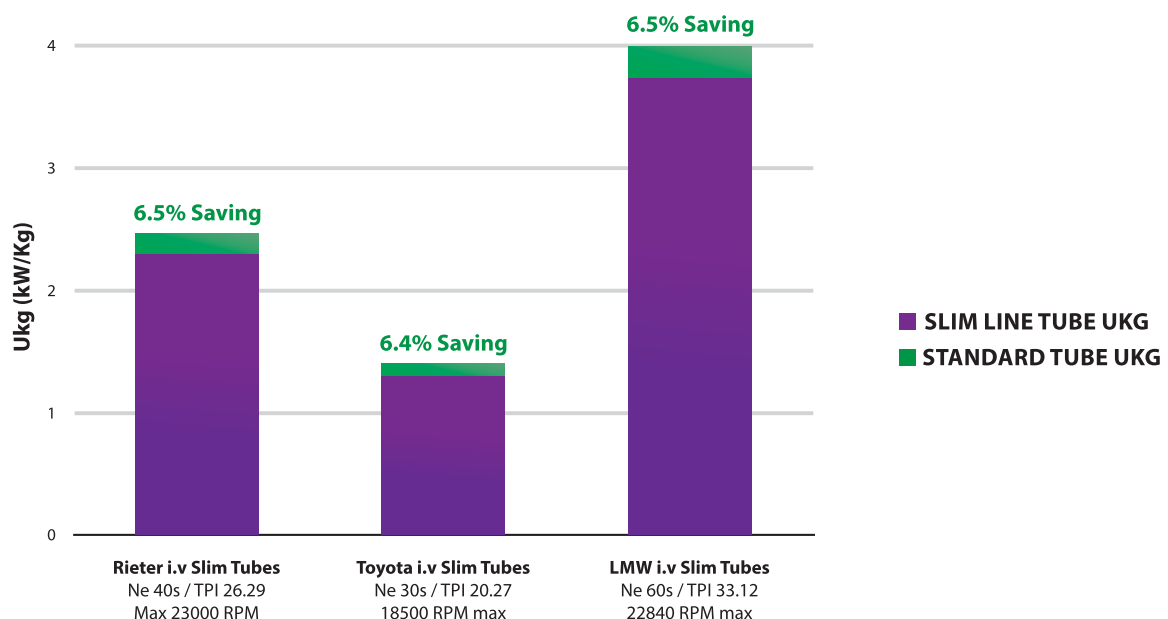
Impact in Ring frame department.

Lesser No. of Doffs/Improved machine utilization
Lesser Running breakages
Improved productivity via higher average spindle speeds.
Reduced U/Kg.
Lesser Number of cops for winding machines.

Impact in Winding department.

Lesser cops to handle/cone
Lesser Yarn Joints/100 Km due to reduced splices/cone.
Improved winding machine efficiency
Reduced consumption of Compressed Air.
Lesser No. of winding drums possible.

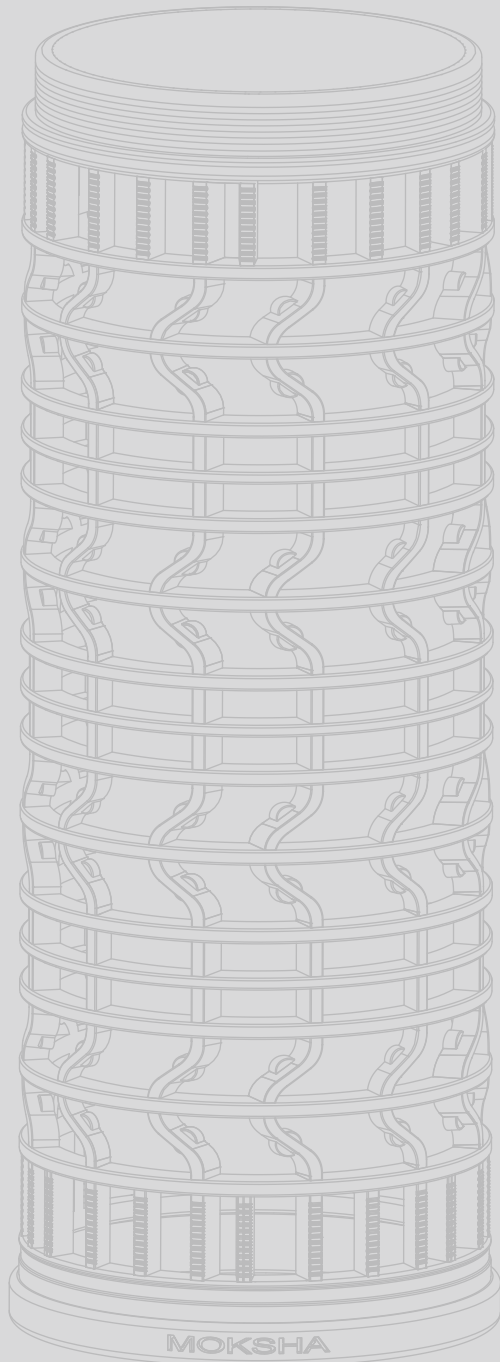
Possibilities with Slim Line Tubes - Energy Study





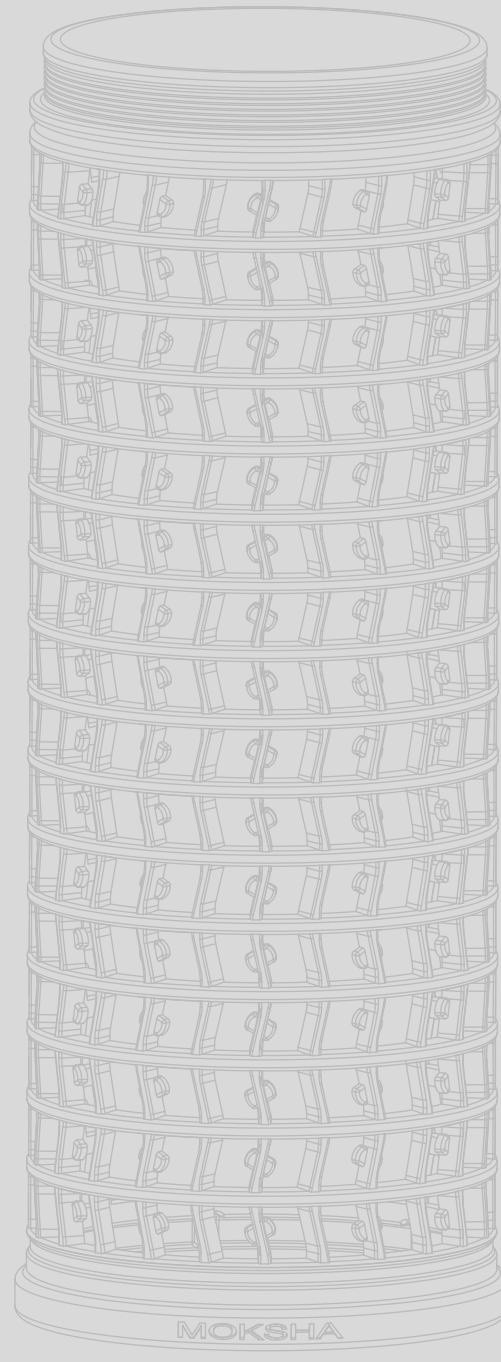
Vertiflex

20% Axial Compression



A-flex

33% Axial Compression





The Multiple Use Range Yarn Dyeing upto 140° C



MOKSHA THERMOPLASTICS PVT LTD

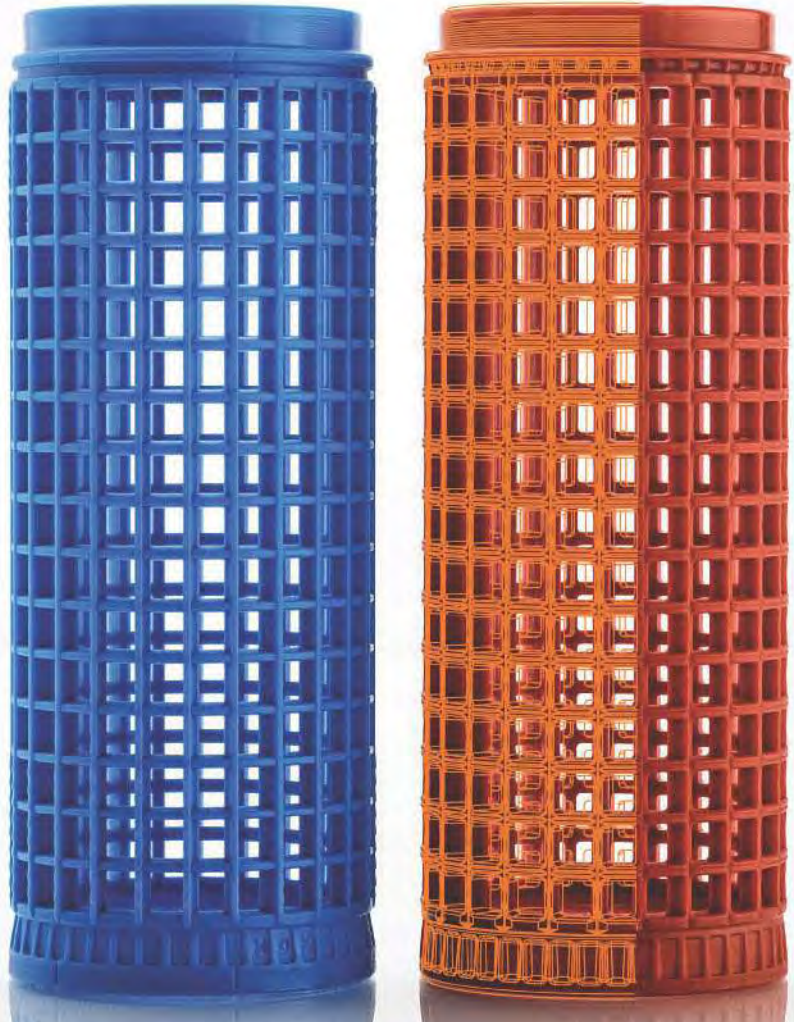
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Engineering Innovations Beyond Expectations



'Vertiflex'
Axially Compressible
Cheese



Contour Canal Square Perforated Cheese

NEW



Tandem colors to differentiate lot to lot material, & Zebra to further enhance visibility of tandem color.

MOKSHA

'JST' @ 140°C
Steam-Conditioning
The High Temperature Maestro

www.mokshabobbins.com



MOKSHA

Tailormade Solutions for
'Linen'

www.mokshabobbins.com



THE 'MOKSHA' ADVANTAGE

Largest manufacturer of Hi-tech Specialized Yarn Carriers.

Innovative Product Design Engine inducing efficiency enhancing ideas based on decades of experience & valuable customer feedback, continuous learning & re-invent skills by our technical team.

Uncompromised & Unparalleled Raw Material selection for purpose-compatible complex polymer alloys with Superlative capabilities by Expert Polymer Chemists.

Precise design of surface geometry using 3D/CAD/CAM software later executed on latest world class CNC machines at our In-house mould manufacturing unit.

State-of-the-Art High Precision manufacturing facility for highest quality production.

Sophisticated Automation and Ancillary equipment for consistency & reducing manual intervention/error.

Most Stringent Quality Check norms including Post-production Destructive & Non-Destructive tests with traceable record keeping.

Motivated and Enthusiastic team having long standing "hands-on" experience in the plastic processing technology manage the shop floor.

Excellent Concentricity Control & Inspection equipment for minimal vibration & reduced yarn breakages.

Clock-work Auto-doff Performance for achieving Maximum Spinning & Winding Efficiency.

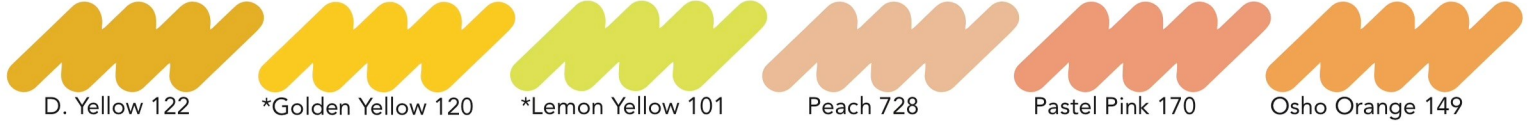
ISO Standards for Yarn Carriers sizes conformed.

Wide variety of Surface Finishes for all your yarn blend performance.

Moksha Palette of the Widest Spectrum of colours for identity & segregation.

Exporting over 40% production.





- Sp. Effects Shades - Tandem, Zebra & Pearl
- (*) Polycarbonate also in Transparent/Glitter
- Shade of the actual product will vary from print shades & also between different polymers



GLOBAL PRESENCE

Clients across the globe have approved and appreciated our Product Quality



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