

Experience



Joy of spinning quality.

Systemised Sliver Handling



Better Quality Yarn



Changing Trends



Spinning Demands



World over, consumers are demanding better and better fabric that is trendy, suits their mood and makes them feel more comfortable. And all these at very affordable prices.

Consequently, designers, boutiques and big labels are demanding such fabric from mills, also at very competitive prices.

Mill owners, in turn, demand superior quality yarn. And yarn demands better quality sliver.

Hence, looking at market needs for quality yarn, spinners are installing new hi-tech spinning machines and best quality cotton.

However, not all make superior quality sliver.

Because even after employing best quality spinning machinery they do not install compatible accessories to manage sliver.

Today's spinning demands a complete Sliver Handling System.



Hi-Tech Spinning Machines



Compatible Sliver Handling

With changing times, sophistication of Spinning Machines have increased the responsibilities of Spinning Cans. Rimtex has accepted the challenge of making Sliver Handling Systems, that take full responsibility of retaining maximum sliver qualities and properties, as produced by the machine, during collecting, storing, transporting and discharging sliver for further operations.

Rimtex Sliver Handling Systems



HDPE

Cylindrical Cans

Rectangular Cans. (RECTACAN)



Aluminium

Plane Cans / Trolleys

and Perforated Cans / Trolleys.



Rimtex has many models. No matter which you use we are supplying Quality.



Better Sliver Handling



Spinner's Advantages



- Optimises load capacity by approx. 20% and reduces doffing cycle
- Performs to its full capacity *throughout its life*
- Better quality sliver
- Better quality yarn
- Better price
- More profits
- Faster repayment of investments

Better Quality Sliver, Better Quality Yarn, Better Quality Fabric.



The Body



The Soul

The Essentials :

- Maintain shape/roundness throughout its services: Any ovality damages by rubbing sliver, causing hairiness resulting in yarn breakage.

- Just not Rivetless, it should be seamless and smooth: Even if cylinder body is seamless but not smooth, it can damage sliver during its operation.



- Strong and sturdy: Strong enough to withstand machine pressure/impact when in operation and rough handling while transporting sliver.

- Product life for 5-7 years: Cans with inappropriate raw material first loose shine, then colour starts fading and later it becomes brittle and can crack during operation on machine or while handling.

- Should retain sliver properties: The can should be made of appropriate material. Any deviation can change the Sliver properties.

- Maintain consistency in performance: All Cans optically look alike, but soon start losing its characteristics. Correct Spinning Can carries out its functions consistently throughout its life span.

- Correct Design for collecting: Inappropriate designs can damage first few layers of Sliver and may not give firm base to rest of the sliver doff.

- Technically sound and reliable: Most importantly, Spinning Cans should be compatible with spinning machines. Further, it should perform to its full filling capacity.

- Easy to use for better work environment: It should be easy to use, maneuver, and demand no maintenance.

Focused to retain maximum sliver quality, as produced by the machine.

Better Quality Yarn



Systemised Sliver Handling



One Name



One Policy

One Name that manufactures Spinning Cans
and all its Accessories under one roof...

One Policy: Customer Satisfaction

Customer Satisfaction is assured as Rimtex Cans offer the following benefits:

- Latest Design • User Convenience • Perfect Product • Timely Delivery



Rimtex Industries started manufacturing of Spinning Cans in 1992. And presented its first Spinning Can at India Itma'92. Since then, it has never looked back.

Product performance, price, company policies, sales and service network got an overwhelming response from the Industry...

Orders started pouring in.

In this changing time, Spinning Units which started modernising their plants demanded Rimtex Cans, instead of imported Cans.

Rimtex Cans soon became 'an Import Substitute' item in India.

Rimtex was rapidly expanding and became the only Company to manufacture Complete Spinning Cans and all its Accessories under one roof.

Rimtex became the Engineer's complete Spinning Can.

Company is equipped to cater to the global markets. In due time, it extended its marketing arm and started spreading its global reach through participation in International Exhibitions. Export inquiries started pouring in.

Currently, Rimtex full-version Spinning Cans and accessories are exported to more than 40 countries throughout the world.

Rimtex is now recognised and is emerging as a global brand. It has been awarded the ISO 9001 : 2000 "a coveted mark of International Quality", by world recognised TUV.

Today in India, more than 60% Seamless HDPE Spinning Cans used are Rimtex.

At Rimtex, it is our endeavour to keep pace with time and offer the best technology to our clients and earn their satisfaction.

Product



Expertise



Moulded ABS (also PP) Top-plates with Anti-slippery surface gives perfect base and grip to sliver without rupturing fibers. It also helps in achieving higher level speed of sliver. Top-plates are with three point pretension at a distance of 120°.



New anti-rust treated Springs made from special high carbon special spring steel on automatic machines for perfect diameters of coils to nest within themselves, thus providing additional capacity when can is full. Springs specially heat treated and calibrated for required sliver weight and for keeping the top-plate at the horizontal position throughout working process. (Also available black phosphate finish).



Moulded polypropylene Spring Bottoms hold the spring firmly and does not damage can while inserting or removing. PVC coated Wire Strings with height adjustment hook does not rust and jumble up causing inconvenience.



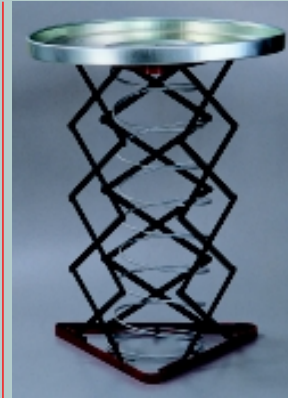
Typical Rimtex Can. Translucent cylinder which indicates the sliver level when in use. It is provided with a kicking band for extra protection.



Seamless cylindrical body made from virgin quality high density polyethylene (antistatic) sheets. Smooth finish prevents silver damage by rubbing. And the virgin quality HDPE sheets the material ensures cylindrical integrity.



Stainless steel (also in chrome plated and GI) Top Rims and Top Bands with smooth finish, firmly hold the cylinder and prevents it from losing shape.



GI scissors action electrowelded Pantographs (with Moulded Top Plates up to 600 mm dia and above 600 mm GI metal Top Plates) and Springs ensure uniform movement and 'zero' tilting of Top Plate.



GI Bottom Plates and Rims made on heavy duty press give greater support to the can.



Specially developed dustfree swivel castors have pressed zinc steel body with thrust bearing for swivel movement and axial ball bearing. High impact nylon (also polyurethane) wheels provide smooth and silent maneuverability to the can. Available in special sizes of 60mm, and 80mm for Spinning Cans.



Ovality Check



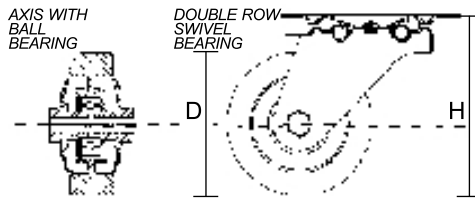
Spring Tension Check



Spinning Can Height Check

Can				Spring force $\pm 5\%$					Fv
mm		inches		Newton (N) 1N = 0.1 kg					
ϕd	h	ϕd	h	F n0	F n1	F n2	F n3		
400	900	16"	36"	115	80	70	57		4.5
	1000		40"	135	95	90	75		
450	900	18"	36"	155	110	80	70	5.5	
	1070		42"	190	135	95	85		
	1150		45"	200	145	105	90		
	1200		48"	210	155	110	95		
470	1070	18.5"	42"	200	155	135	115	5.5	
	1100		44"	210	160	140	120		
	1150		45"	220	170	150	125		
500	1070	20"	42"	220	170	150	130	6	
	1150		45"	240	185	165	135		
	1200		48"	245	195	170	145		
600	1070	24"	42"	315	255	225	195	8	
	1150		45"	340	275	240	205		
	1200		48"	355	280	245	210		
800	1070	32"	42"		350		255	10	
	1150		45"		370		270		
	1200		48"		385		275		
900	1070	36"	42"		420		310	11	
	1150		45"		445		325		
	1200		48"		460		335		
1000	1070	40"	42"		480		360	12	
	1150		45"		510		385		
	1200		48"		530		395		

- F n0 = Combed Cotton
- F n1 = Cotton Viscose
- F n2 = Blends
- F n3 = Man-made Fibres
- Fv = Initial Load

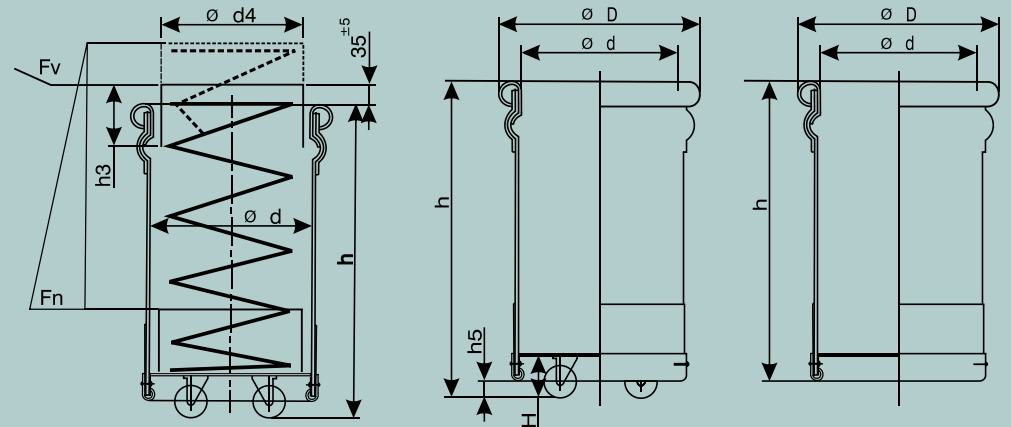


Castor Specifications		
Dia (mm)	H (mm)	Load (kg)
60	83	70
80	105	90

Can Height	
inch	mm
36"	914
42"	1067
45"	1143
48"	1220

Can dimensions			
Dia	d mm	h5 mm	H mm
10"	254		
12"	305		
14"	356		
16"	407	55	83
18"	457	55	83
20"	508	55	83
24"	610	55, 75	83, 105
700 mm	700	55, 75	83, 105
30"	762	55, 75	83, 105
800 mm	800	55, 75	83, 105
36"	914	55, 75	83, 105
1000 mm	1000	55, 75	83, 105

D = d + 30 mm Max.
d + 15 mm if d = 470 mm



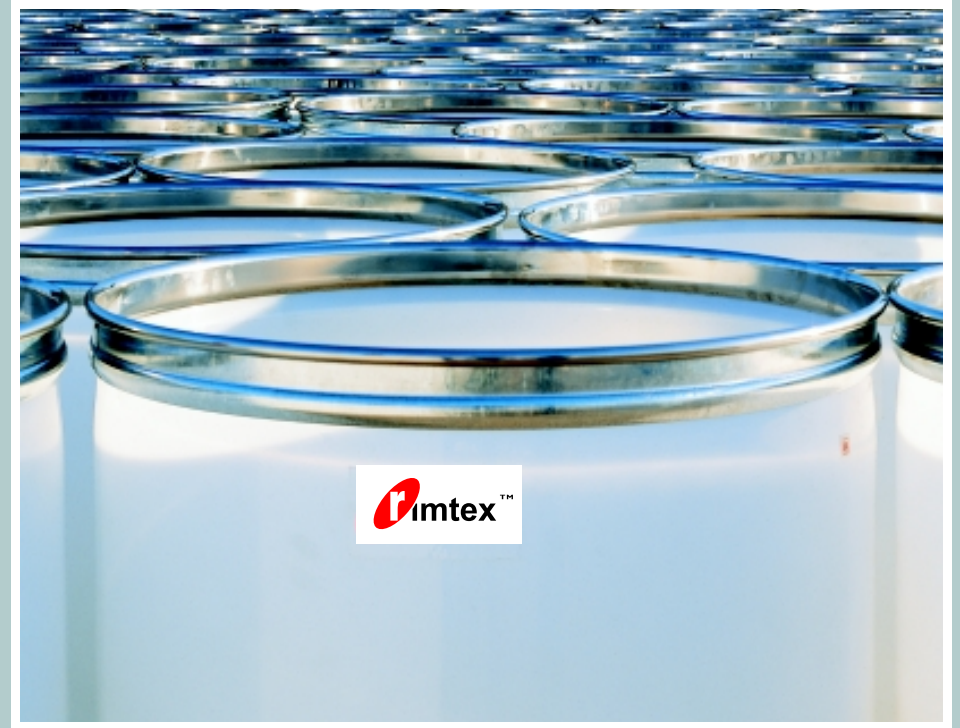
- d4 = OUTSIDE DIA. OF SPRING PLATE
- h3 = DEPTH OF SPRING PLATE [TOP PLATE]
- d = INSIDE DIAMETER OF CAN
- h = HEIGHT OF SLIVER CAN
- Fn = SPRING FORCE
- Fv = INITIAL LOAD [PRETENSION]

- D = OUTSIDE DIA. OF CAN
- h5 = DISTANCE, BOTTOM RING TO GROUND FLOOR
- d = INSIDE DIAMETER OF CAN
- h = HEIGHT OF SLIVER CAN
- H = TOTAL HEIGHT OF CASTOR

The Market



The Brand



More than 60% of India's Sliver is handled by Rimtex.



Leading Spinners in 40 countries around the globe trust Rimtex for Sliver handling.



One of the world's largest Spinning plant chooses Rimtex for Sliver Handling Solutions.

Lets
Promote
Quality

www.rimtex.com

 **rimtex**™



MANUFACTURED IN INDIA BY : RIMTEX INDUSTRIES
(AN ISO 9001:2000 TUV SUDDEUTSCHLAND CERTIFIED COMPANY).
1514 GIDC, PHASE IV, WADHWAN 363 035, GUJARAT, INDIA.

TELEPHONE : 00 91 2752 243 322 / 241 088.
TELEFAX : 00 91 2752 243 726.
EMAIL : info@rimtex.com