



Pacific High-Tech Fiber Limited

The Redefining Mastery in Quality & Efficiency.

HIGH QUALITY YARN
COST EFFICIENT



Mechanical Compacting Solution For Ring Frames With
PK2055 TOPARM

7/F Spa Centre, No.53-35
Lockhart Road, Wan Chai, Hong Kong.





SMART COMPACT

Basic Package

Components

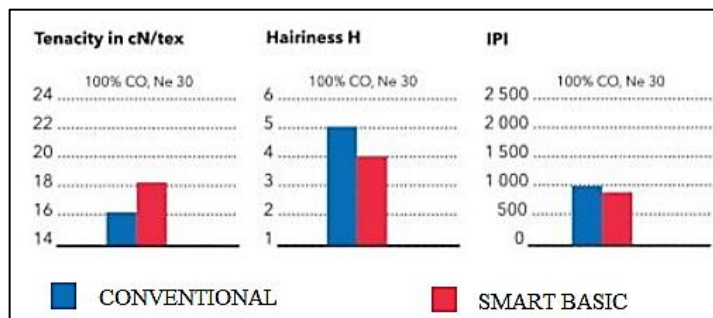
- ❖ Compactor
- ❖ Top roller holder
- ❖ Delivery top holder
- ❖ Roving guide



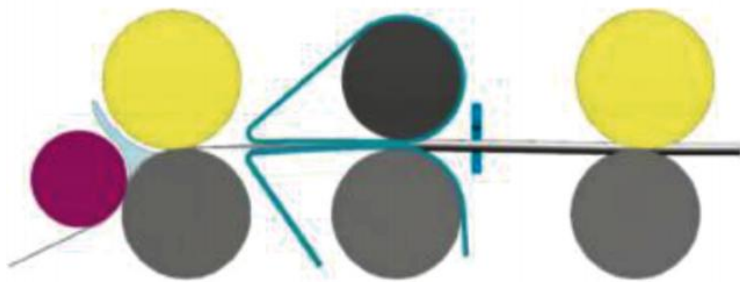
Advantages

- ❖ Easy Installation
- ❖ Economical (No Need for Extra Electricity)
- ❖ Suitable for All Types of Ring Spinning Frame
- ❖ Improved Yarn Quality
- ❖ TPI decrease
- ❖ Increase production
- ❖ Suitable for All Kinds of Standard Material (including Man-Made Fiber)

Yarn characteristics



How does the principle work?



Different compactor types

- ❖ Compactor 0.9 for Ne 10 to Ne 20
- ❖ Compactor 0.6 for Ne 20 to Ne 40
- ❖ Compactor 0.4 for Ne 40 to Ne 80



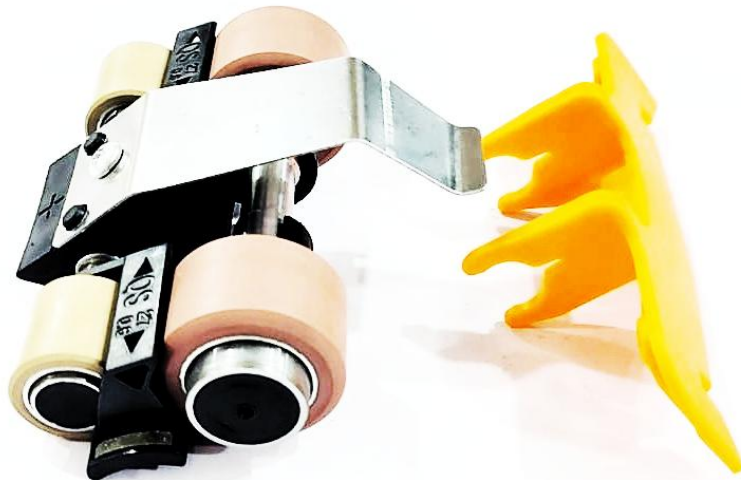


SMART COMPACT

Premium package

Components

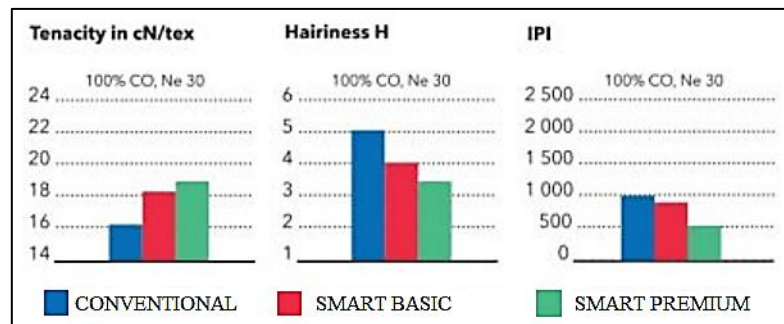
- ❖ Compactor
- ❖ Delivery Top & Bottom Holder
- ❖ Delivery Top Roller
- ❖ Delivery Bottom Roller
- ❖ Roving Guide



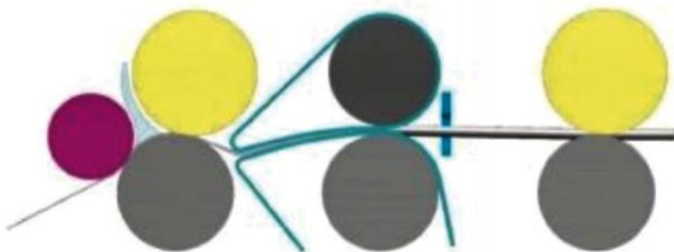
Advantages

- ❖ Improved geometry for mechanical compact
- ❖ Easy Installation
- ❖ Suitable for All Types of Ring Spinning Frame
- ❖ Improved Yarn Quality
- ❖ TPI decrease by 10%
- ❖ Increase production
- ❖ No speed limitations
- ❖ Suitable for All Kinds of Standard Material
- ❖ (including Man-Made Fiber)

Yarn Characteristics



How does the principle work?



Additional setting by Premium Package

- ❖ Change the original bearing slide
- ❖ Change the top Arm settings for negative offset



SMART COMPACT

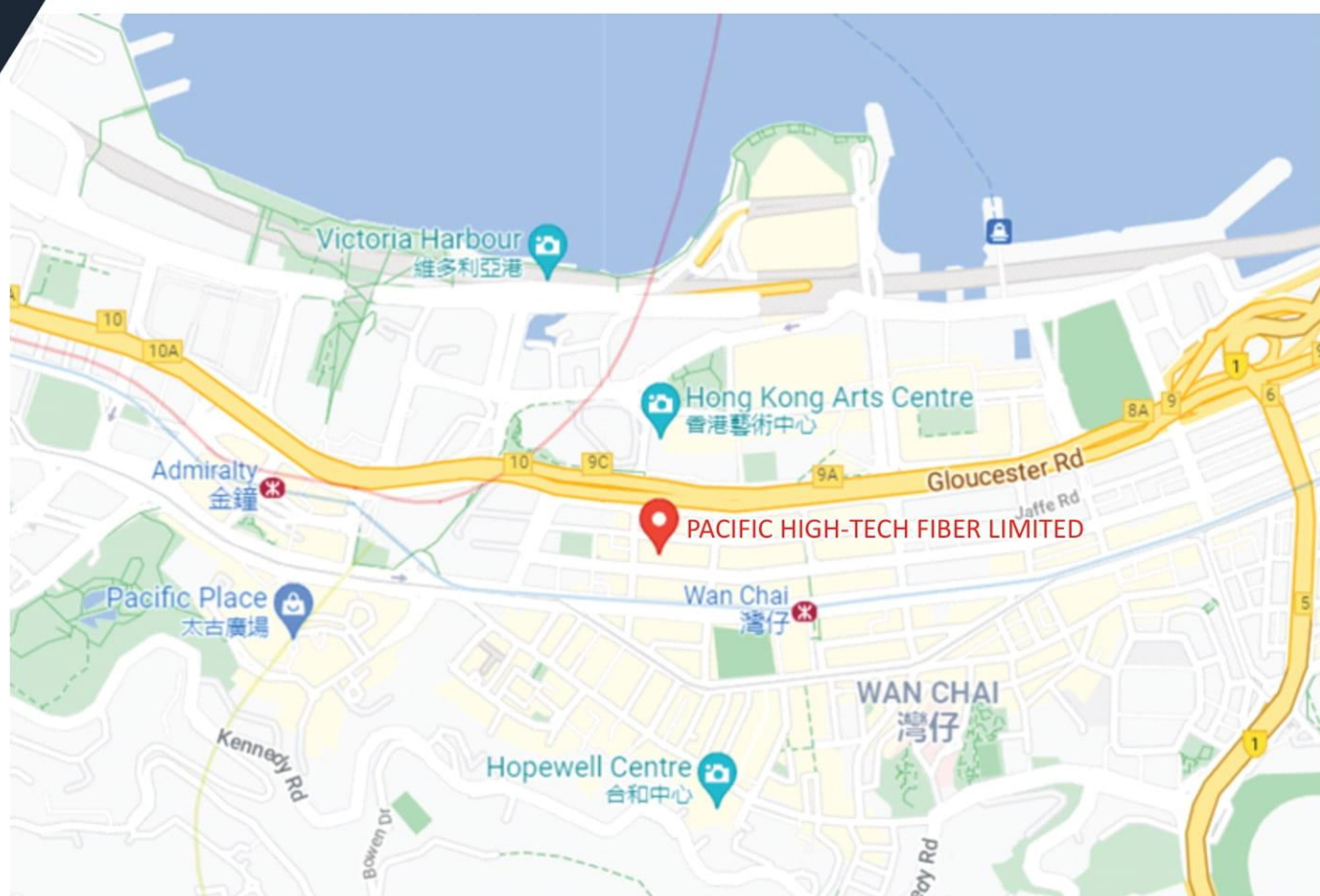
Pacific smart compact allows spinners to supply best quality yarn aligned with market demands & trends.



PACIFIC won't solely inspire your organization but also additionally offers you strong & practical guidance create innovation into the fabric of your business.



Location & Address



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7/f, Spa Center, No. 53-35 Lockhart Road, Wan Chai, Hong Kong

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PACIFIC HIGH-TECH FIBER LIMITED

Global Solutions
For Air Engineering
Spinning Industry
Weaving
Chemical Fabric
Knitting
Papermaking
Fiber Glass
Tyres
Cigarette



Professional Supplier Of Textile A.c System
All Kinds Of Textile Ac Equipment, Attachments & Parts
The Most Cost-effective Supplier In China

Address: 7/F Spa Centre, No.53-35 Lockhart Road, Wan Chai, Hong Kong.



PACIFIC HIGH-TECH FIBER LIMITED, is specialized in the professional production of dust removal equipment, air washer & ventilating devices for textile mills. Pacific provides clients with textile air conditioner system, refrigeration system, duct system, and installation as turn key project. PACIFIC Automatic Control System is a smart software package introduced by Pacific for Textile Air Conditioner System, which is compatible with advanced international standards. The PACIFIC system is able to control the humidity extremely accurately and conserve energy effectively at the same time. PACIFIC boasts its rich experience in the dust removing for the textile air conditioner, a brilliant research and development team & efficient equipment all of which have made PACIFIC a expert in processing large air conditioning system.

PACIFIC stands out with excellent reputation in the field of Textile Air-Conditioner Dust Removing. PACIFIC has always put efforts in pushing the skill development in the Textile Air Conditioner Industry. Till now, PACIFIC has been one of the most remarkable Chinese Companies in this Industry with core competitiveness, providing products with international standard & comparative price. Devoted to provide excellent, and efficient services to its customers.



➤ Air Conditioning system for Spinning setup, Ring Spinning, OE Spinning, Compact Spinning & Vortex Spinning



➤ Energy-Conserving Air Conditioner System for Weaving Workshop, Yarn-Dye Fabric, Grey Fabric Denim Warping etc.



➤ Air Conditioning system for warp knitting & weft workshops, refrigeration system etc.

➤ Air Conditioning system for Chemical Fiber Plant (take-up, Quench etc.) System fix air volume & cooling capacity for each process section to ensure temperature, humidity & pressure be in the range of accuracy





Multi-Drum Dust Filtering Unit



Application

Specially used in Textile industry for Air conditioning & dust cleaning system. Specially used for materials including Cotton, Wool, Linen/Ramie and Synthetic Fiber etc. It can purify and collect polluted particles from material & also in the air. It makes air refined and reach the requirement of recovery & discharge.

Working Principle.

It is a Mech-Electrical unit comprised of the first stage circle prefilter and the second stage various round cage dust filter. The first stage channel is utilized to extract, separate & gather the dusty fiber in the processing air. The second channel is utilized to purify dust from the exhaust air of first stage channel.

Structure features.

Dust Cleaning Set has Reliable Execution, Solid adaptability, Huge filtering area, Low Energy Utilization, Little system resistance, Great dust cleaning Impact, speedy, safe and Fireproof. Besides, it has simple Drive operation, Low failure Rate, Little Floor Space just Helpful and Fast Support.

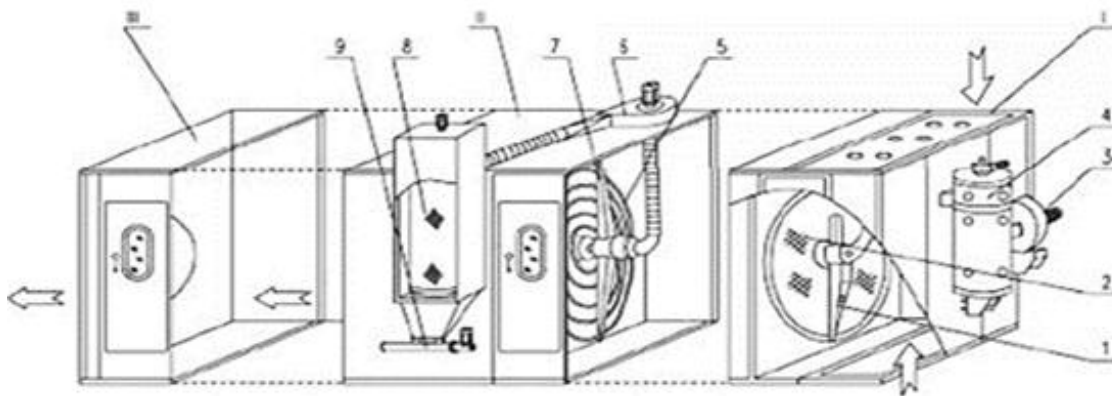


First-level disk filter



Second-level disk filter

Structural Drawing



I-Disk Pre-Filter

- 1-Suction Nozzle
- 2-Disk Filter Screen
- 3- Dusting Fan
- 4- Fiber pressor

II- Multi-Drum Filter

- 5- Cartridge Filter
- 6- Dust Collection Fan
- 7- Rotating Suction Arm
- 8- Bag-Type Dust Container
- 9- Dust Compactor

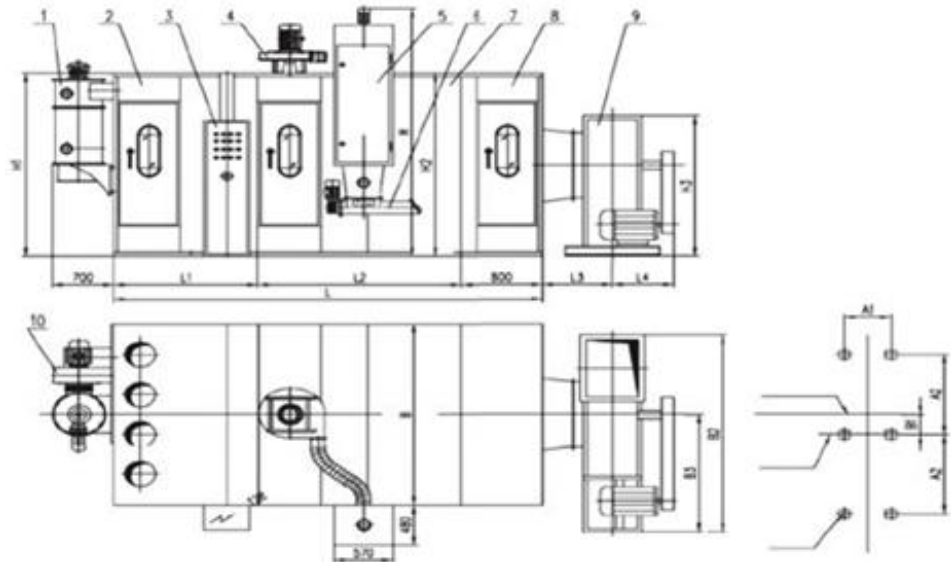
III. Rear Tank



PERFORMANCE PARAMETERS

Model & Specification	Treatment blast						Resistance of Dust Filtering	Dust Cleaning Efficiency
	Dust Cleaning System					Air Returning Filter		
	Waste Cotton	Bonnet Cotton	Middle Cotton	Fine Cotton	Chemical Fiber Cotton			
PHT-017-5	0.6-1.2	1.0~1.8	1.6~2.2	2.0~2.8	2.6~3.8	3.5~4.0	≤ 250	≥ 99
PHT-017-6	1.2-2.0	1.8~2.9	2.0~3.2	2.6~3.7	3.9~5.1	4.0~5.4		
PHT-017-6A	2.0-2.8	2.5~3.7	2.9~4.0	3.3~4.7	4.8~6.4	5.0~6.7		
PHT-017-7	2.8-3.6	3.0~4.7	3.6~5.2	4.0~6.0	6.0~8.2	5.9~8.6		

- ❖ Fiber Compressor
- ❖ Disc Melt Filter
- ❖ Electric Control Cabinet
- ❖ Two-level Dust-Catching Ventilator
- ❖ Two-level Dust Collection Box
- ❖ Dust Compactor
- ❖ Multi-Drum Dust Filter
- ❖ Rear Cabinet
- ❖ Main Blower
- ❖ One-Level Dust Catching Ventilator



External Dimension of Dust Remover Unit

Data ▼	Model & Specifications ►	PHT-017-5	PHT-017-6	PHT-017-6A	PHT-017-7
Width B (mm)		1900	2204	2508	2812
Total Width (mm)		2380	2684	2988	3292
Height (mm)		1912	2216	2520	2824
Total Height (mm)		2750	3060	3180	3500
Length (mm)		4182			
Total Length (Excluding main blower) (mm)		4882			



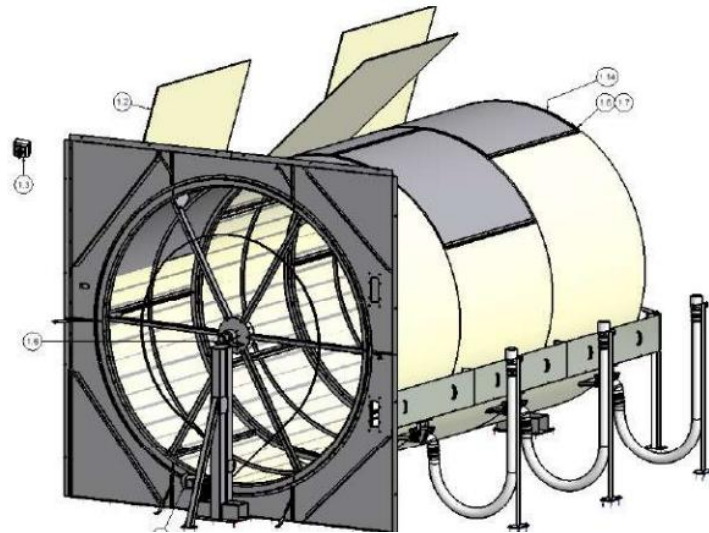
Rotary Air Filter (LDF)

- Revolving punched sheet steel drum mounted on steel structure
- Suction nozzles with flexible suction tube
- Drive mechanism with geared motor
- Suction Nozzle Adjustment
- Dust Protected
- Electric Motor

Article

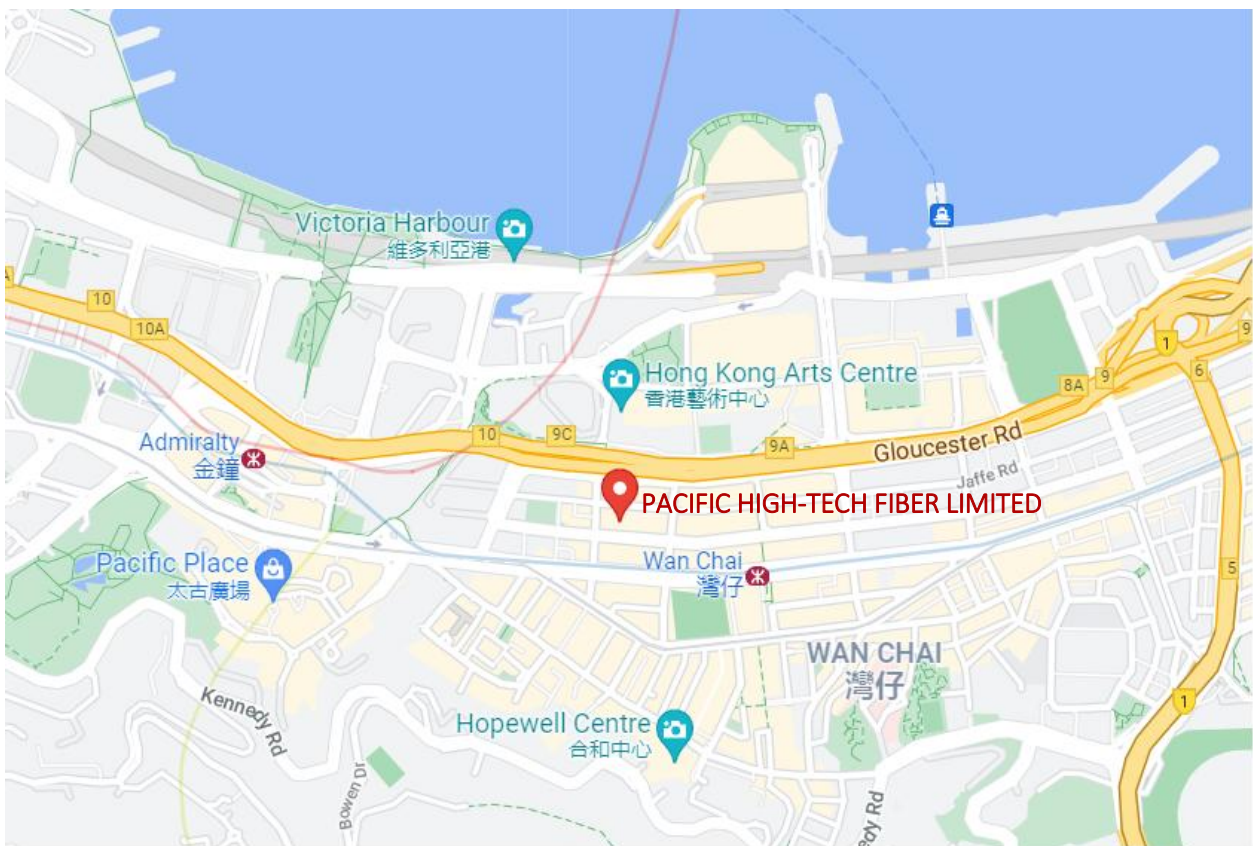
Specification

- | | |
|-------------|-------|
| ➤ LDF-20/17 | 20/17 |
| ➤ LDF-20/34 | 20/34 |
| ➤ LDF-20/51 | 20/51 |
| ➤ LDF-25/17 | 25/17 |
| ➤ LDF-25/34 | 25/34 |
| ➤ LDF-25/51 | 25/51 |
| ➤ LDF-30/17 | 30/17 |
| ➤ LDF-30/34 | 30/34 |
| ➤ LDF-30/51 | 30/51 |





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