JIANGSU LEIZHAN CO.,LTD

Jiangsu Leizhan Group is located in the Yangtze River Delta, Xuzhou City, Jiangsu Province, is a development, production, technical consulting, engineering design, business and sales into one company.

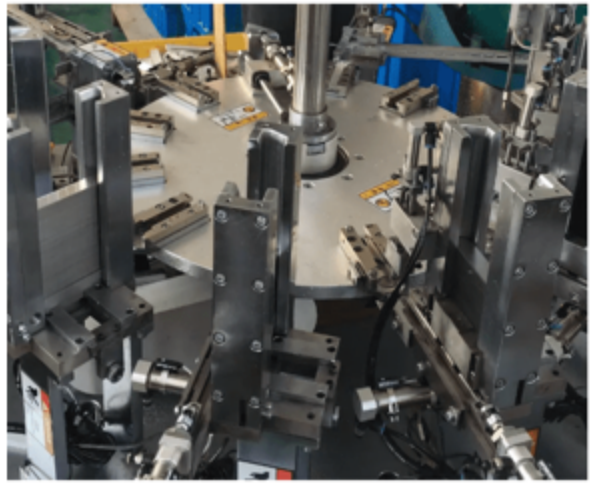
Our company specializes in making paper machine doctor blade, cutting round blade, medium speed ink blade, high speed ink blade, coating doctor blade , all kinds of blade holder etc.We have many years of experience in manufacturing blades, according to the different needs of customers to process a variety of high-quality blades to meet the needs of different customers.

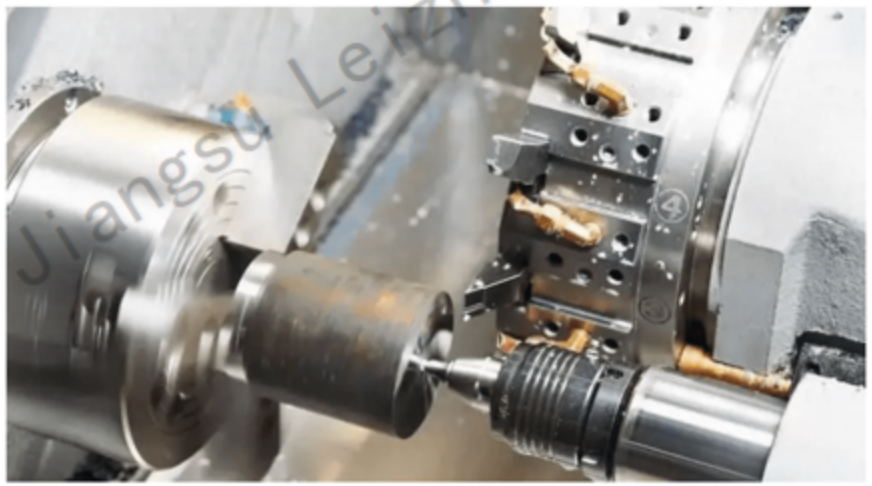
First of all, the advanced manufacturing process can ensure a longer service life of the blade, a lower wear rate of the roller surface, and can produce high-quality paper products. Secondly, a complete logistics system can enable us to ship to all parts of the world in the fastest time. On the basis of high quality, we are committed to developing new products with high technology content. Enhance market competitiveness and expand market.

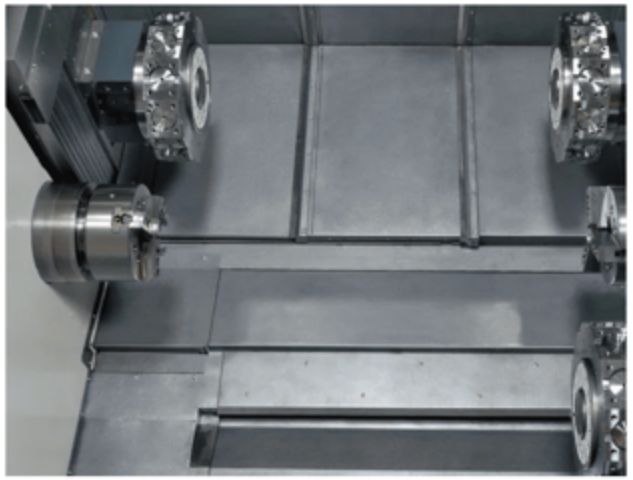
The company has always been “quality to establish a brand, service to expand the market, enhance customer satisfaction” as the purpose of the enterprise.Always take sincerity as this, adhere to the core value positioning of the brand, take the development road of professional, quality, technology, service, and strive to provide customers with excellent products and perfect service.

We are willing to work together with partners all over the world,hand in hand to create brilliant career.

Produce Equipments







Our Service

Whole-hearted service

We are offering :

High quality products
Resealable and best prices
Fast delivery time and service
Prepare stock for our customer
Free consultation
If you need and help during use,we are here to give you best solution in the most shortest time.

DOCTOR BLADE SERIES

主要用途：湿部的软橡胶辊、聚氨酯辊等。
特　　长：使用加强的高分子聚乙烯。耐温80摄氏度以上。分子量300万。

Material	HDPE-1——Polymer blade
Major uses	Suitable for rubber rolls in wet end and polyester rubber rolls.
Key Features	Advanced composite material of macromolecular polyethylene.
Temperature resistance	over 80 centigrade.
Molecular weight	3 million.

主要用途：湿部的软橡胶辊、聚氨酯辊等。
特　　长：高分子聚乙烯提高了刀片的润滑性，适用于湿部。耐温高80摄氏度。分子量600万

Material	HDPE-2——Polymer blade
Major uses	Suitable for rubber rolls in wet end and polyester rubber rolls.
Key Features	Molecular polyethylene: promoting lubricity blade and suitable for the wet end.
Temperature resistance	over 80 centigrade.
Molecular weight	6 million.

主要用途：低速纸机和高速纸机的湿部。
特　　长：高耐磨环氧机树脂与研磨填料加工而成。有很好的化学性，耐湿160摄氏度。

Material	B1——Resin blade
Major uses	Suitable for the wet end of the paper machine with low speed or high speed.
Key Features	Blade with high anti-abrasion and very good chemical resistance.
Temperature resistance	160 centigrade.

主要用途：从网布到卷纸适用于各种辊子。
特　　长：超细纤维与环氧树脂结合，有很好的化学性，耐温185度。

Material	B2——Epo-glass fiber blade
Major uses	Suitable for all rolls from mesh fabric to automatic paper-reel.
Key Features	Microfiber and epoxy fiber, with very good chemical resistance.
Temperature resistance	185 centigrade.

主要用途：高速纸机的烘缸及高温辊。
特　　长：彩用高温体系树脂，能长期应用在干部及压光机部的辊子，刮刀效果好，耐温200摄氏度。

Material	B3——T-200 blade
Major uses	Suitable for the drying rolls and high-temperature rolls of high-speed paper machine.
Key Features	High-temperature resin and very good chemical resistance suitable for body rolls and calendar rolls for long-term. Good effect.
Temperature resistance	200 centigrade.

主要用途：用于胶粘物比较脏的前组烘缸。
特　　长：使用行列树脂含有研磨颗粒，专门针对高速纸机前干部。去除脏东西的能力很强，使缸面出现光泽。耐温185摄氏度。

Material	B4-Cleaning blade
Major uses	Suitable for drying rolls with stickies.
Key Features	Epo-glass fiber, ultra-fine fibre glass and super-fine carbon grinding. Chemical-resistance: very good.
Temperature resistance	185 centigrade.

主要用途：用于高速纸机前干部比较脏的烘缸及粘有硬质脏东西的辊面。
特　　长：使用特殊树脂含有研磨碳颗粒，专门针对高速纸机前干部。去除脏东西的能力很强，能使缸面出现光泽。耐温185摄氏度。

Material	B5——High-performance blade
Major uses	Suitable for drying rolls with stickies.
Key Features	Special resin and super-fine carbon grinding. Better cleaning of the roll surface, especially for high speed paper machine.
Temperature resistance	185 centigrade.

主要用途：用于胶粘物比较脏的前组烘缸。
特　　长：使用行列树脂含有研磨颗粒，专门针对高速纸机前干部。去除脏东西的能力很强，使缸面出现光泽。耐温185摄氏度。

Material	B6——Peeling-resistance blade
Major uses	Suitable for front section of the paper machine and the recycled paper machine.
Key Features	Peeling-resistance epoxy resin, Epo-glass fiber and super-fine carbon grinding. Better ageing resistance performance.
Temperature resistance	185 centigrade.

主要用途：适用于各种陶瓷辊、烘缸辊及硬质橡胶辊。
特　　长：含有20%碳纤维的玻璃纤维构成，使用环氧树脂压制，自润性强，耐磨性提高。耐温185摄氏度。弯曲强度可达600N/毫米^2。

Material	2C——Carbon fiber blade
Major uses	Suitable for ceramic rolls, dryer rolls, ebonite rolls.
Key Features	Carton fiber 20%. Epo-glass fiber, with better lubricity and anti-abrasion.
Temperature resistance	185 centigrade.
Molecular weight	600N/mm2.

主要用途：适用于各种陶瓷辊、烘缸辊及硬质橡胶辊。
特　　长：含有40%碳纤维的玻璃纤维构成，使用环氧树脂压制，自润性强，耐磨性提高。耐温185摄氏度。弯曲强度可达760N/毫米^2。

Material	4C——Carbon fiber blade
Major uses	Suitable for ceramic rolls, dryer rolls, ebonite rolls.
Key Features	Carton fiber 40%. Epo-glass fiber, with better lubricity and anti-abrasion.
Temperature resistance	185 centigrade.
Molecular weight	760N/mm2.

主要用途：适用于各种陶瓷辊、烘缸辊及硬质橡胶辊。
特　　长：含有60%碳纤维的玻璃纤维构成，使用环氧树脂压制，自润性强，耐磨性提高。耐温185摄氏度。弯曲强度可达790N/毫米^2。

Material	6C——Carbon fiber blade
Major uses	Suitable for ceramic rolls, dryer rolls, Ebonite rolls.
Key Features	Carton fiber 60%. It is made of Epo-glass fiber, with good lubricity and anti-abrasion.
Temperature resistance	185 centigrade.
Molecular weight	790N/mm2.

主要用途：适用于陶瓷辊、镜面辊及软压光辊。
特　　长：100%碳纤维压制而成，树脂刀片中，自润性最强。耐温185摄氏度，优良的化学抗性，弯曲强度可达100N/毫米^2。

Material	DH-100C——Carbon fiber blade
Major uses	Suitable for ceramic rolls, dryer rolls, Ebonite rolls.
Key Features	Carton fiber 100%. It is made of Epo-glass fiber, with good lubricity and anti-abrasion.
Temperature resistance	185 centigrade.
Molecular weight	790N/mm2.

主要用途：适用于较脏的烘缸前干部。
特　　长：含有一层研磨碳材料增强清洁效果，两层碳纤维树脂压倒而成，耐磨性极强，不容易造成刀口损坏。耐温185摄氏度，弯曲强度可达650N/毫米^2。

Material	KQ-2C——Carbon fiber cleaning blade
Major uses	Suitable for front of dryer liable with stickies.
Key Features	A layer of carbon grinding for better cleaning result. Two layers of Carbon-fiber Resin with great wear resistance, less damaging the blade.
Temperature resistance	185 centigrade.
Molecular weight	650N/mm2.

主要用途：适用于较脏的烘缸前干部。
特　　长：含有一层研磨碳材料增强清洁效果，四层碳纤维树脂压倒而成，耐磨性极强，不容易造成刀口损坏。耐温185摄氏度，弯曲强度可达800N/毫米^2。

Material	KQ-4C——Carbon fiber cleaning blade
Major uses	Suitable for front of dryer liable with stickies.
Key Features	A layer of carbon grinding increases the cleaning result. Four layers of Carbon-fiber Resin with great wear resistance, less damaging the blade.
Temperature resistance	185 centigrade.
Molecular weight	800N/mm2.

主要用途：高速纸机的烘缸、压光辊及高温辊。
特　　长：含有40%碳纤维的玻璃纤维构成，使用环氧树脂压制，自润性强，耐磨性提高。耐温200摄氏度。弯曲强度可达760N/毫米^2。

Material	T-250/4C——Heat resistance Carbon fiber blade
Major uses	Suitable for rolls with high speed in drying section, calendaring rolls, and hot rolls.
Key Features	Carton fiber: 40%. Epo-glass fiber with better lubricity and anti-abrasion Features.
Temperature resistance	185 centigrade.
Molecular weight	760 N/mm2.

主要用途：适用于陶瓷辊、镜面辊及软压光辊。
特　　长：100%碳纤维压制而成，树脂刀片中，自润性最强。耐温250摄氏度，优良的化学抗性，弯曲强度可达100N/毫米^2。

Material	T-250/1000C——Heat resistance Carbon fiber blade
Major uses	Suitable for ceramic rolls, mirror surface rolls and soft calendaring rolls.
Key Features	Carbon fiber: 100%. Best lubricity in the resin blades with good chemical resistance.
Temperature resistance	250 centigrade.
Molecular weight	1000 N/mm2.

主要用途：主要用在压榨部石辊、压榨部硬质橡胶辊。
特　　长：硬度较高、刮刀效果好、耐腐蚀

Material	Stainless steel blade
Major uses	Suitable for stone rolls and Ebonite rolls in press section.
Key Features	High hardness, with better scraping result, better corrosion-resistance.

主要用途：主要用于低速烘缸，杨基起皱刮刀，杨基清洁。
特　　长：在高碳钢中属强度最高，耐磨性好，弹簧效果好。

Material	Steel blade
Major uses	Suitable for rolls running with low speed in drying section and Yankee rolls in a dryer.
Key Features	High strength, better wear-resisting, better spring effect in high carbon steels.

主要用途：主要用于烘缸部、杨基烘缸及铸铁辊。
特　　长：在金属刀片中比较软，去脏东西效果好，不易伤辊子。

Material	Phosphor-bronze blade
Major uses	Suitable for drying rolls, Yankee rolls in a dryer, cold steel rolls, WC thermal spraying rolls.
Key Features	Softest in all metal blades, better removing dirt, less damaging rolls.

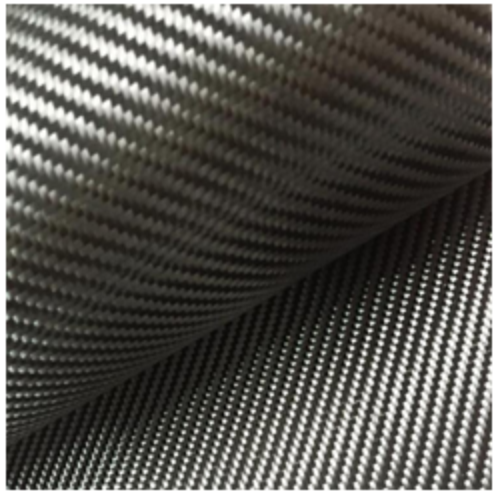
主要用途：用在高速纸机前烘干部，复合材料难以胜任的部位。
特　　长：在金属前端镶有陶瓷耐磨材料，针对胶粘物严重处。

Material	Ceramic blade
Major uses	Suitable for front of high-speed dryer, parts of composite material not suit.
Key Features	Inlay with high-performance ceramics in front of metal or the sections with serious stickies.

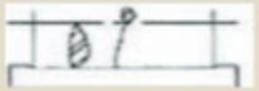
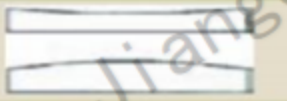
Product Superiority

Carbon Fiber Doctor Blade

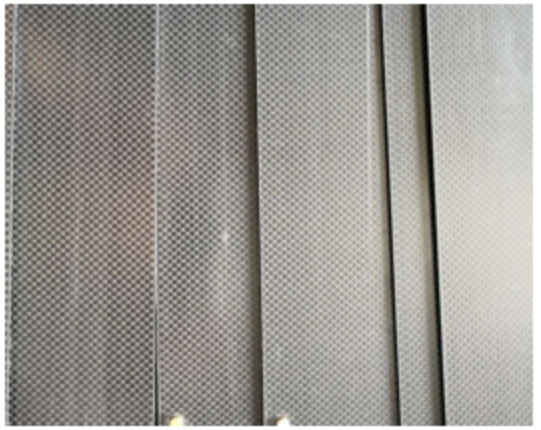
LEIZHAN use imported "toray" 3 k plain carbon fiber cloth making into carbon fiber blade,which is the basic guarantee of special paper,culture paper,food paper and white carboard quality.It won't cause "black spots" "fly-speck" "black fiber loss" and so on problems, make sure no damage to paper cleanliness.

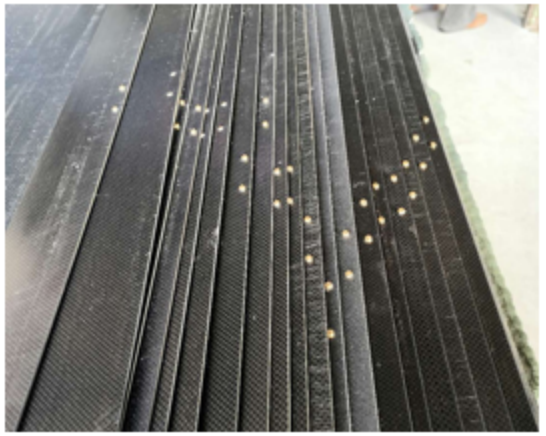


Common Damage & Solutions

Damaged form	Pattern	Cause of damage	Solution
Turn the blade up		1. The blade is too soft 2. The pressurized pressure is too large 3. The blade angle is too small	1. Use a hard doctor blade 2. Reduce loading pressure 3. Move the doctor seat to increase the angle of the doctor blade
Turn up the outer end of the blade		The blade is longer than the roll surface 1. The blade is misaligned 2. The position of the swing device is incorrect	1. Re-center the doctor blade 2. Adjust the stroke of the swing device
The blade edge is partially turned up and sunken		There are bumps on the dryer cylinder	Replace the doctor blade and remove the bumps
Local wear		Generate static electricity and heat	Isolate the blade from the blade holder or use a non-metal blade
Wave-shaped uniform wear		There are deposits on the roller surface Too much stress The blade material is too hard	Use abrasion resistant doctor Reduce the pressure Replace the soft doctor blade
Too much wear in the middle or at the edges		The doctor blade does not match the roller surface	Replace the appropriate doctor blade
Too much unilateral wear		The doctor is not parallel to the roller surface	Recalibrate the doctor
Irregular wear		Roll surface wear There are deposits on the roller surface Dirty or damaged doctor frame	Use a soft doctor Use abrasion resistant doctor Clean or repair the doctor holder

Doctor Blade Export :





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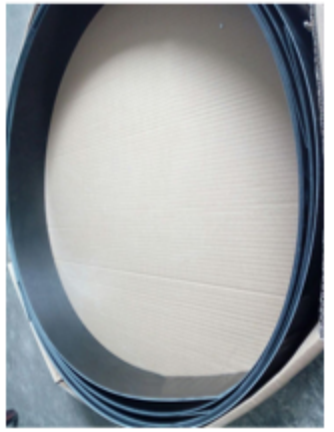


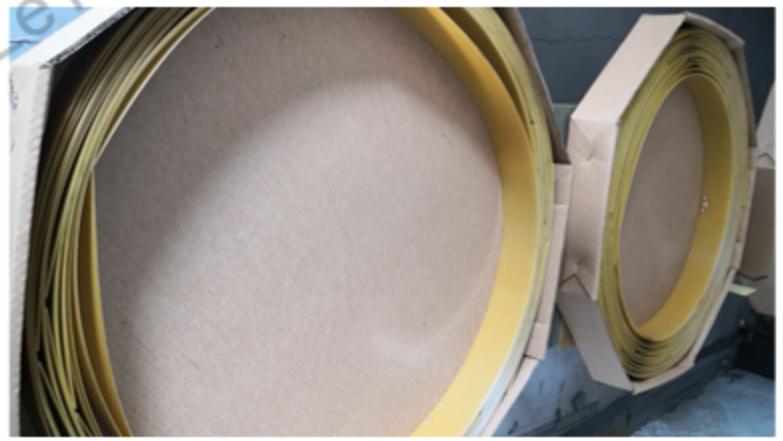


Thank you for your browing!

We are looking forward to have more communication with you!