



# 橡皮布自动清洗布

## Automatic blanket wash cloth

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## LQ-IGX 橡皮布自动清洗布

## LQ-IGX Automatic blanket wash cloth



印刷机自动清洗布采用天然木浆和聚脂纤维作为原料，经过独特的水刺法加工而成，形成了具有特殊结构的木浆/聚脂双层材料，具备强韧耐用性。清洗布采用特制环保无纺布，含有 50% 以上的木浆成分，均匀、厚实且不易掉毛，并具有高韧性和出色吸水性能。印刷机自动清洗布还拥有高效吸水吸油、柔软、防尘和防静电等优异特点。

The automatic cleaning cloth for printing machines is made of natural wood pulp and polyester fibers as raw materials, and is processed by a unique water jet method, forming a special structure of wood pulp/polyester double-layer material, with strong durability. The cleaning cloth uses a specially made environmentally friendly non-woven fabric, containing more than 50% of wood pulp content, is even, thick and does not shed hair, and has high toughness and excellent water absorption performance. The automatic cleaning cloth for printing machines also has excellent water absorption and oil absorption, softness, dustproof and anti-static properties.



自动清洗布产品特性：

- 1、优越的吸液性能彻底达到洗净效果；均质平滑且柔软的表面不伤害橡皮布及压胴；
- 2、采用高质量无纺布材质，良好的拉伸强度、高度耐磨性，不掉毛，不产生纤维脱落；
- 3、干式布吸收油墨、水油渍性能强大，并能有效带走残留的纸毛粉尘。能够充分满足所需求的洗净性；
- 4、大幅减少清洗剂使用量，降低 VOC 对工作人员的伤害，净化印刷车间环境。

Characteristics of Automatic Cleaning Cloth Products:

1. Excellent liquid absorption performance to achieve thorough cleaning; a uniform and smooth surface that does not harm the blanket and cylinder;
2. Made of high-quality non-woven fabric, with good tensile strength and high wear resistance, no hair loss, and no fiber shedding;
3. The dry cloth has a powerful absorption capacity for oil-based inks, water-based inks, and other stains, and can effectively remove residual paper dust. It can fully meet the required cleaning performance;
4. Significantly reduce the use of cleaning agents and reduce the harm of VOCs to workers, and purify the printing workshop environment.

**适配机型：**海德堡，高宝，小森，三菱等胶印印刷机

**Application:** HEIDELBERG,KBA, KOMORI, MITSUBISHI,Etc Offset Printing Machine.

## Comparison of Manual Blanket Cleaning vs. Automatic Blanket Cleaning on a Heidelberg CD102

	Traditional hand washing of rubber blankets.	LQ-IGX Automatic blanket wash cloth	Comment
Rubber blanket cleaner	About 15 barrels (18L/barrel) (Day and night shifts)	No (wet cloth cleaning)	Calculated on the basis of 25 plates printed per day (morning and evening shifts)
Fabric scraps	Large amounts of scrap fabric are used.	Not used	
The amount of wet cleaning cloth used per month	Not used	Under normal printing conditions, each color group requires about 1 roll of fabric per week, while a four-color machine requires about 4 rolls of fabric per week (based on 25 cleanings per day, i.e. 120-16C cleanings per 25).	The amount of fabric used per use is 5-8 cm, and each roll of fabric is 12 meters long. Based on the consideration of waste, each roll of fabric can be used for 120-160 washes.
Cost of consumable cleaning (excluding labor costs)	The cost of cleaning solution and scrap cloth needed for each cleaning is approximately USD 0.55.	The components in four colors are cleaned simultaneously, and the cost of the fabric required for each cleaning is approximately USD 0.28 per cleaning.	Clean approximately 130 times.
Cleaning efficiency	The cleaning time for each blanket is about 8 minutes.	Two shifts print about 25 plates per day, completing the job in no more than 2 minutes; while preparing to change plates, the automatic cleaning of the blanket begins to save necessary time. With the increase in the number of color groups, the efficiency can be further improved and more time can be saved.	The time saved can promote the printing of 1-2 additional sets of plates (the benefits are obvious with increased efficiency).
Environmental conservation	The rubber blanket cleaner has a strong volatile odor and is a highly flammable substance with high VOC emissions; the used rags generate a significant amount of solid waste.	The cleaning agent in the cleaning cloth has a flash point of 260°C, which is a non-volatile and non-flammable product, with very low VOC emissions; the amount of waste cloth generated after cleaning is minimal, effectively reducing solid waste	Compared to the solid waste generated by manual cleaning, the solid waste generated by automatic cleaning can be reduced by two-thirds.
Use safety	Manual cleaning poses safety risks in production.	The fully automated system has high stability, ensuring that the blanket does not need to be wiped by hand after cleaning.	With the use of IGX With the use , the blanket can be thoroughly cleaned., the blanket can be thoroughly cleaned.
Use environment	The cleaning and maintenance of the machine is more difficult, and the employees' clothing is also prone to getting dirty.	High efficiency and energy saving, clean and orderly equipment	It is obvious that the labor intensity of the machine operators can be greatly reduced, resulting in a reduction of 0.5-1 person-times of labor intensity.