



qCloud series foreign fiber separator

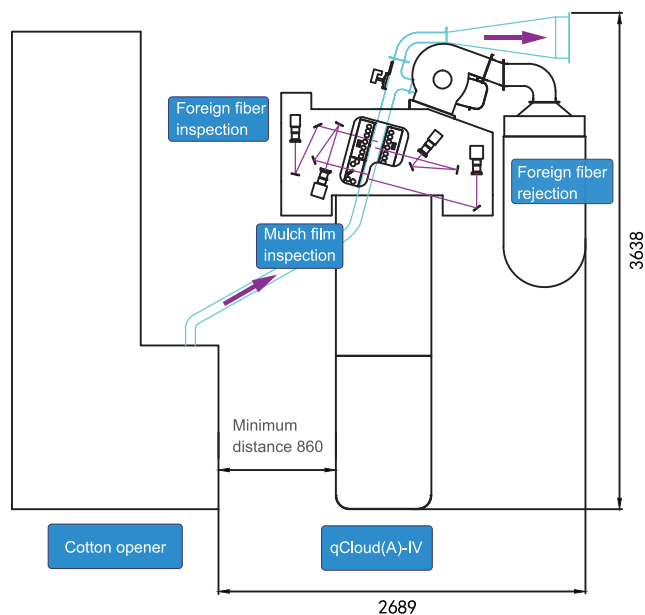
qCloud-A series foreign fiber separator

Product introduction

A series of different fiber separators are designed according to the characteristics of full opening of raw cotton and fast cotton flow in the blowing carding process of cotton textile mills. This equipment is only used as a part of the cotton passage of the blowing carding unit, and no change is made to the blowing process. The equipment occupies a small area and is easy to install.



Layout



Foreign fiber separator qCloud(A)-IV layout

Features

- ◆ Adopt high-resolution prismatic cameras, to ensure the imaging true color; accurate identification of fine light color foreign fiber.
- ◆ Independent detection unit for mulch, single / double-side optional for mulch detection.
- ◆ Full LED lights (white lights + UV lights), long service life, stable luminance.
- ◆ Unique mechanism design for removal unit, no bounce back cotton, accurately eliminate foreign fiber and reduce the blowout cotton.
- ◆ Removable light box, convenient cleaning and maintenance.

Parameters

Item	qCloud(A)-II	qCloud(A)-IV	qCloud(A)-IV+
Pipeline width	1200mm	1200mm	1600mm
Power	2.1KW	2.1KW	2.1KW
Voltage	380V	380V	380V
Max. output	1000kg/h	1000kg/h	1300kg/h
No. of valves	24	24	33
Weight	1.1(T)	1.1(T)	1.5(T)
Dimensions	1580mm × 1830mm × 3700mm	1580mm × 1830mm × 3700mm	1960mm × 2150mm × 3600mm
Area	700mm × 1800mm	700mm × 1800mm	850mm × 2120mm
Camera	2 color cameras + 1 Customized camera	2 color cameras + 2 Customized camera	2 color cameras + 2 Customized camera
Illumination	Mixed + Customized	Mixed + Customized	Mixed + Customized
Illumination tube replacement cycle	24 months	24 months	24 months

Note: The configuration and parameters of electrical equipment which change rapidly are only for reference, and the contract shall prevail.

Applications



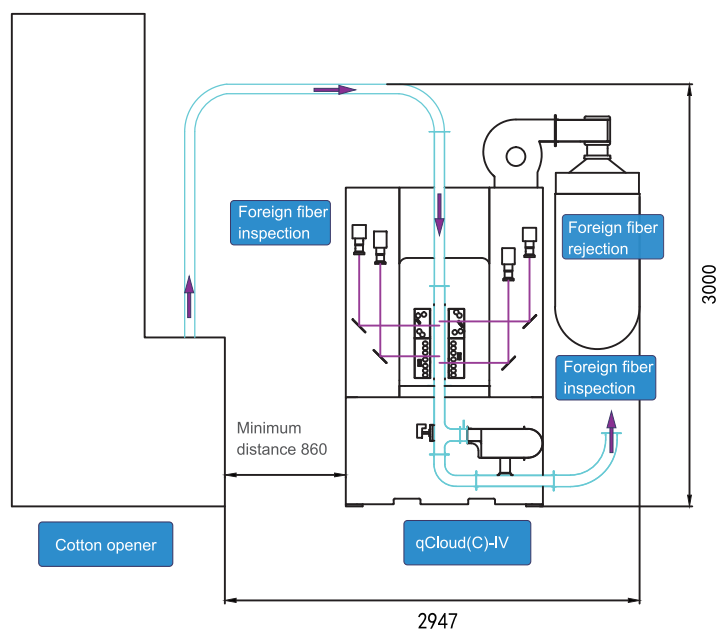
qCloud-C series foreign fiber separator

Product Introduction

It is designed for dual solutions with special air supply pipeline to ensure the stability of cotton flow. The cotton enters the inspection channel and diffuses fully to expose the foreign fibers as much as possible, so as to ensure a good inspection rate.



Layout



Foreign fiber separator qCloud(C)-IV layout

Features

- ◆ It has the same configuration and performance of the detection system as the qCloud(A)series.
- ◆ Vertical pipe, the speed of cotton flow is more stable, long cleaning cycle to more than a week.
- ◆ The height of the detection box is more suitable, easy to operate, convenient maintenance.
- ◆ Can be used independently, can also follow another foreign fiber separator, seamless docking.

Parameters

Item	qCloud(C)-II	qCloud(C)-IV	qCloud(C)-IV+
Pipeline width	1200mm	1200mm	1600mm
Power	2.1KW	2.1KW	2.1KW
Voltage	380V	380V	380V
Max. output	1000kg/h	1000kg/h	1300kg/h
No. of valves	24	24	33
Weight	1.1(T)	1.1(T)	1.8(T)
Dimensions	2100mm × 2180mm × 2880mm	2100mm × 2180mm × 2880mm	2100mm × 2580mm × 2880mm
Area	1400mm × 1800mm	1400mm × 1800mm	1400mm × 2200mm
Camera	2 color cameras + 1 Customized camera	2 color cameras + 2 Customized camera	2 color cameras + 2 Customized camera
Illumination	Mixed + Customized	Mixed + Customized	Mixed + Customized
Illumination tube replacement cycle	24 months	24 months	24 months

Note: The configuration and parameters of electrical equipment which change rapidly are only for reference, and the contract shall prevail.

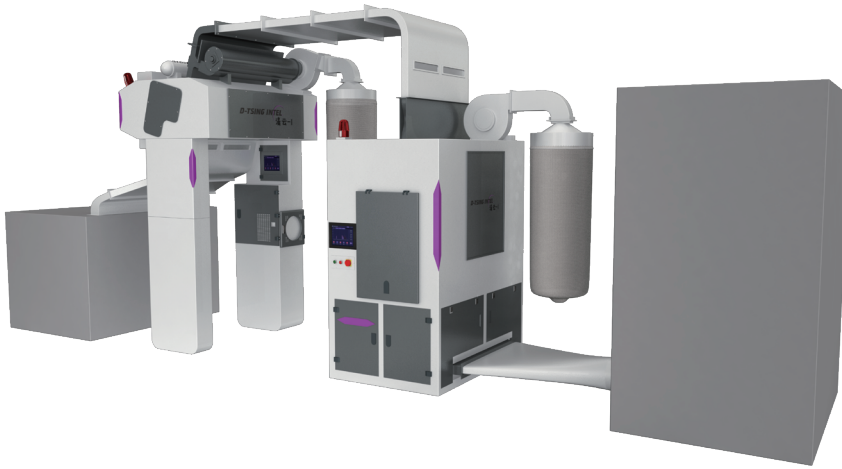
Applications



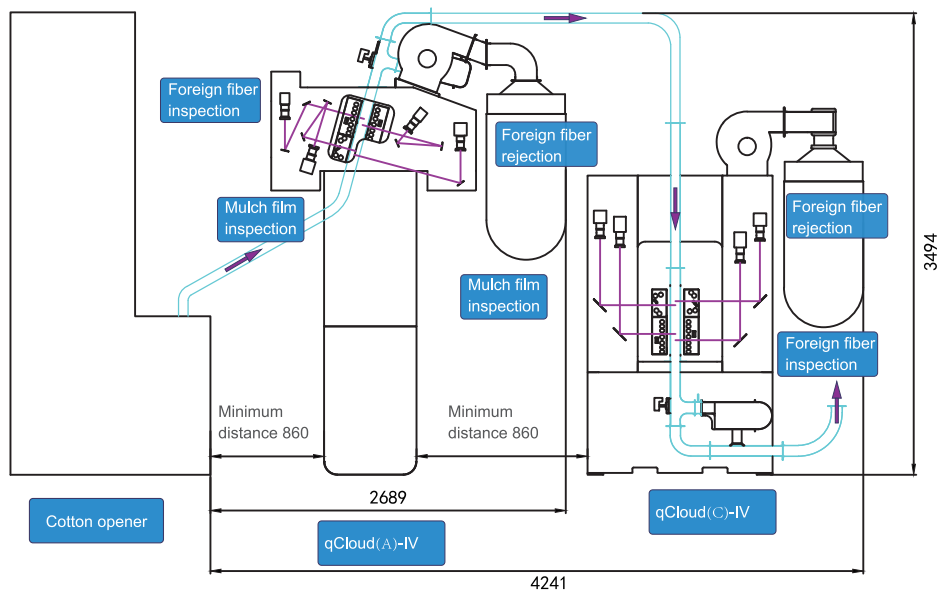
Dual-separator solution

Product Introduction

For customers who produce bleached and light-colored cotton yarn, the actual stable operation of a foreign fiber machine sometimes cannot meet the production requirements. In order to maximize the effect of foreign fiber separator, the "dual-separator" scheme can be adopted, that is, two different types of foreign fiber separators can be used in series to further improve the effect of foreign fiber separators and achieve the goal of "zero foreign fiber".



Layout



Foreign fiber separator qCloud(A)-IV can follow Foreign fiber separator qCloud(C)-IV layout

Features

Rejecting the “foreign fiber” left

After the cotton flow passes through qCloud (A) foreign fiber separator for the first time most of the “foreign fiber” are removed, but some of them that hide in hidden corners, are wrapped by cotton, and are blocked cannot be removed;

The cotton flow passes through qCloud(C) series foreign fiber separator for the second time, and the cotton is fully diffused after passing through its air make-up pipe. The foreign fiber, hiding in corners will be spread as far as possible to be removed.

qCloud(C) and qCloud(A) series foreign fiber separator , are perfectly connected and operate independently without mutual interference and influence.

Applications





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