

Combing Apron and Brush Technology

BROOKSBANK[®]

INDUSTRIES LIMITED

Established 1870



BTMA
BRITISH TEXTILE MACHINERY ASSOCIATION



Today, Brooksbank is the world leader in the manufacture of 'synthetic' combing aprons for use in the primary processing of wool, exotic and synthetic fibres. The products are highly specialised and we are one of only a handful of manufacturers worldwide.

The Combi Synthetic combing apron is used by a large majority of the fibre processing industry and is fully endorsed and used by all manufacturers of combing machines.

The Brooksbank Combi Synthetic and premium brand disposable noil brushes are produced from hightech and high performance materials and developed to give optimum results on modern high speed combing machines.



With over 100 years of experience our team can find the right solution for you.

World Wide Agents

Brooksbank places great emphasis on exporting and has done so for more than a century. We use an extensive network of agents and distributors to export approximately 98% of our turnover into over 50 countries. Flexibility, keen pricing and efficient raw materials sourcing have helped us meet the needs of different International markets.

At Brooksbank we are committed to continuous product development and we are currently developing new materials and products for our customers. Please visit our website for further details, or contact us to request an update.



Combing Aprons are available from our international distributors and can be ordered in specialist sizes

- Argentina • Austria • Belgium • Brazil • China • Columbia • Ecuador • Egypt • France • Germany
- India • Indonesia • Italy • Korea • Latvia • Lithuania • Mexico • Morocco • Poland
- Portugal • Romania • South Africa • Switzerland • Taiwan • Turkey • Uruguay • United States of America

1. The Combi has a softer and more accommodating structure than any polyurethane apron. This results in an extremely efficient drawing off of the sliver. This leads to a maximum lead and throughput being obtained. It also helps protect the natural crimp of the wool.
2. Better fibre cohesion is achieved on the surface of the apron. This ensures fibres remain more parallel than a polyurethane apron leading to an even straightness of fibres within the Top.
3. Combi aprons are easier to compress meaning less fibres end up in the noil, increasing the yield and reducing wastage. Combi aprons can also operate efficiently at much lower combing machine pressure and tension settings.
4. A Standard Combi (640x530) weighs nearly half as much as a polyurethane apron of the same size, reducing shipping costs.
5. Combi aprons have the ability to absorb excess oils and dirt which could contaminate the wool top. Whereas it has to be manually cleaned when using polyurethane.
6. Combi aprons are quieter in operation than polyurethane aprons.

Combi Synthetic Combing Apron

Recommended for combing the following

- Merino, Corriedale and other wool of all microns
- Wool/Synthetic blends
- 100% Synthetics
- Mohair
- Alpaca
- Bespoke fibres and blends

Complete product range and sizes

Any size of apron can be manufactured for all makes of combing machine. Combi aprons give an excellent performance when used with NSC, Sant' Andrea, SMB Leisnig, Mitsubishi plus many more.

Model	Part No.
PB28 - PB31	CT001
PB32 & PB33	CT002
P90	CT002-SA-P90
P100	CT002-SA-P100



Developed specifically for the newest NSC PB33, ERA, Sant' Andrea P100 and Millennium Machines. Excellent results obtained on older machines as well

Disposable Noil Brushes

The barrels are manufactured from the highest quality polypropylene using the most modern injection moulding techniques

The natural 'Mexican Tampico' bristles are carefully blended for consistency and automatically inserted into the barrel.

This provides an ideal hardness and density to efficiently clear all types of wool and other natural synthetic fibres. The disposable system is usually very cost effective and guarantees a consistently high performance compared with manually re-bristled brushes.



Noil Brushes	Part No.
165mm	RB001
160mm	RB003

Disposable Strip Brushes

For NSC and Sant' Andrea woolcomb machines. These brushes are standard equipment on the NSC PB32, PB33 and ERA and also on Sant' Andrea P100 and millennium combing machines. These disposable strip brushes contribute to significant reductions in running costs for earlier converted machines.

Nip Brushes	Part No.
3mm White Goat Hair (Soft)	RB007
5mm White Goat Hair (Soft)	RB015

Top Comb Brushes	Part No.
3mm Black Bristle (Firm)	RB006



Nip Brushes	Part No.
5mm Dark Horse Hair (Medium)	RB013
5mm White Goat Hair (Soft)	RB019

PB33 Monoblock Noil Brush

One of the innovative design features of the NSC PB33 and ERA combing machines is the monobloc noil brush.

This replaces the traditional halved brush system and is more efficient and much easier to change. Bristled with 'Mexican Tampico' the monobloc noil brush is produced with a diameter of 160mm.



Index (Aprons)



We have a full range of combing aprons that can fit any machine. All parts can be ordered from our worldwide agents or directly from us. A full list can be found on our website www.brooksbank.com. For bespoke specifications please get in touch and our team will be able to advise further.

PB28 - PB31	Size
CT001-DJ-PB29/30/31	640 x 530mm
CT001-STD-PB29/30/31	640 x 530mm
CC001-LJ-PB29/30/31	640 x 530mm

PB32 - PB33	Size
CT002-DJ-PB32	580 x 540mm
CT002-LJ-PB32	580 x 540mm
CT002-LJ-PB33	580 x 540mm
CT002-STD-PB33	580 x 540mm
CT004-DJ-PB33	580 x 548mm
CT005-STD-PB32	580 x 540mm
CT010	580 x 550mm
CC002-LJ-PB32	580 x 540mm
CC002-LJ-PB32/33	580 x 540mm
CC006	580 x 550mm

P90	Size
CT002-LJ-SA-P90	580x540mm
CT002-DJ-SA-P90	580x540mm

P100	Size
CT009-LJ-SA-P100	580x520mm
CT009-STD-SA-P100	580x520mm

P100 - New Millennium	Size
CT009-LJ-SA-P100	584x520mm
CT009-STD-SA-P100	584x520mm



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