



bianco®

3-Super Kompact 600
3-ROLLER FELT COMPACTOR

More Stability.
More Performance.
More Ahead.



A Fabric contact points between felt and drums

B-Kompact 600: **2825 mm.** 3 Super Kompact 600: **4238 mm.**

✦ Increased fabric stability at full production speed.

Bianco®: the only one with a 3-cylinder 600 mm Ø compactor.
Contact surface: **270°** each heated drum.



J Dogal tension control

Both B-Kompact 600 and 3 Super Kompact 600.

Auto-centering drag roller with **load cell tension control**.

B Fabric humidity | Number of steaming units

B-Kompact 600: **2 steamers.** 3 Super Kompact 600: **3 steamers.**

✦ Increased fabric opening, shrinkage, weight control.

1st In the middle of the pin chain, conic part, size: 1100 mm.



2nd Before entering the first felt.



3rd Only Bianco® has the 3rd steamer; before entering the third felt.



I Condensates discharge

Both B-Kompact 600 and 3 Super Kompact 600.

Automatic discharge of direct condensates with bypass control, managed via HMI.

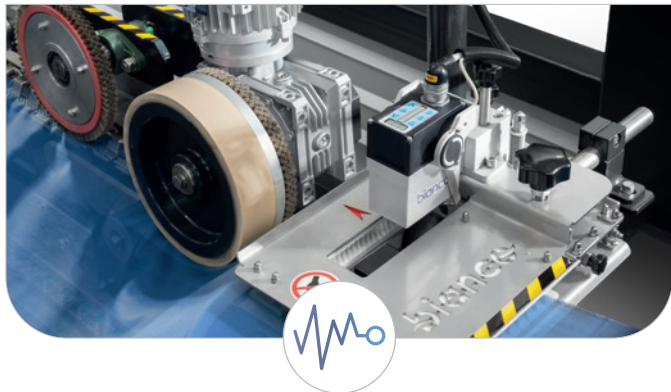
✦ Faster initial heating when starting the machine.

C Instruments on chain at stenter inlet

Both B-Kompact 600 and 3 Super Kompact 600.

Selvedge Opener: 100% stainless steel, 100% made in Italy.

FTC7 propotional photocell: dual electronic and mechanical detection, 100% made in Bianco, Italy.



D Stenter chain length from entry to exit gear

Both B-Kompact 600 and 3 Super Kompact 600.

Std 9 m: 5 m conic field + 4 m parallel field. On request 10 or 12 m.

Open the fabric by reducing the junction angle for **less friction and longer chain life**.

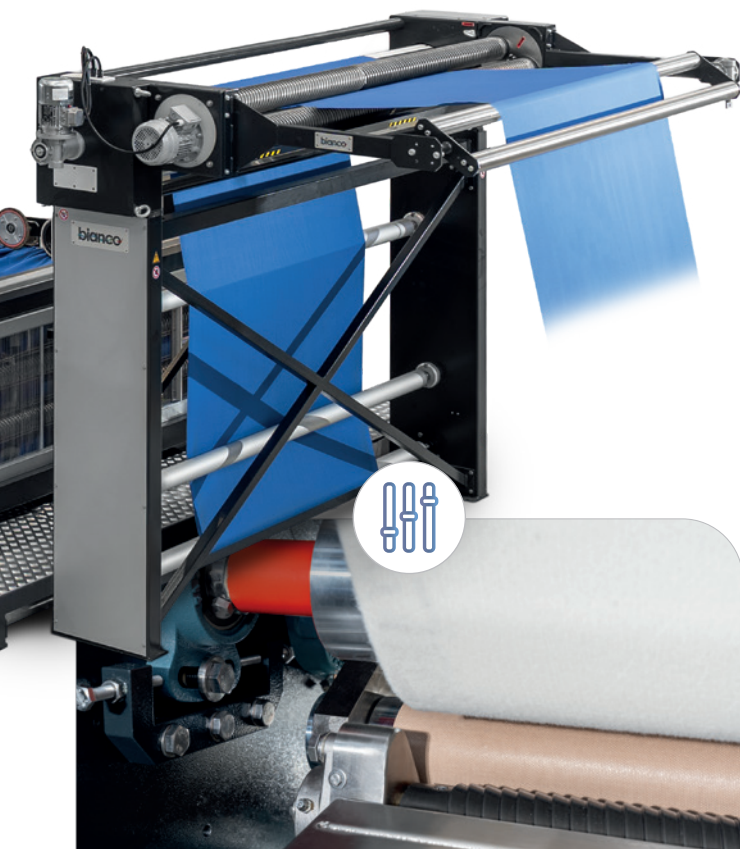


E Pin frame chain tracks

Both B-Kompact 600 and 3 Super Kompact 600.

Exclusive Bianco® system, Stainless Steel chain, track with chains sliding on Teflon.

Minimal lubrication required. Low friction on special tracks: **silent and long lasting chain**.



F Stenter chain

Both B-Kompact 600 and 3 Super Kompact 600.

Nickel and bronze alloy chain obtained by die casting, limited elongation for a greater stability of the links.

50 mm pitch: reduces junction stress with a milder fold.

Less effort, longer life.



H Teflon adjustment

Both B-Kompact 600 and 3 Super Kompact 600.

Teflon adjustment on the entry cylinder pin to achieve a wider angle and **greater compaction**.

G Stenter chain motorization

Both B-Kompact 600 and 3 Super Kompact 600.

Dual motor system for the right and left chains, with the ability to individually monitor the speeds of each chain.

Ability to correct the fabric's weft.

3-Super Kompact 600

Maximum efficiency, zero compromise:

- ✓ Increased contact area with the heated drum
- ✓ Increased fabric dimensional stability
- ✓ Increased production speed

	BEFORE COMPACTOR				2 ROLLER COMPACTOR				3 ROLLER COMPACTOR			
	LAB TEST		GSM	WIDTH	LAB TEST		GSM	WIDTH	LAB TEST		GSM	WIDTH
FABRIC TYPE	L%	W%	g/m ²	INCH	L%	W%	g/m ²	INCH	L%	W%	g/m ²	INCH
INTERLOOK	-8	-3	179	65	-5.7	-2.8	183	65.5	-1.4	-5.7	194	65
SINGLE JERSEY	-10	-3	137	65	-2.8	-4.2	143	64.6	-3.5	-4.8	148	63
RIB 1 BY 1	-14.2	-2.8	166	64.5	-8.5	-2.8	169	68	-5.7	-7.1	167	68.5
FLEECE	-10	4.2	251	78	-2.8	0	253	80	-1.4	0	271	80
PIQUET	-15.7	0	227	68	-7.1	-2.8	231	70.5	-4.2	-2.8	233	70

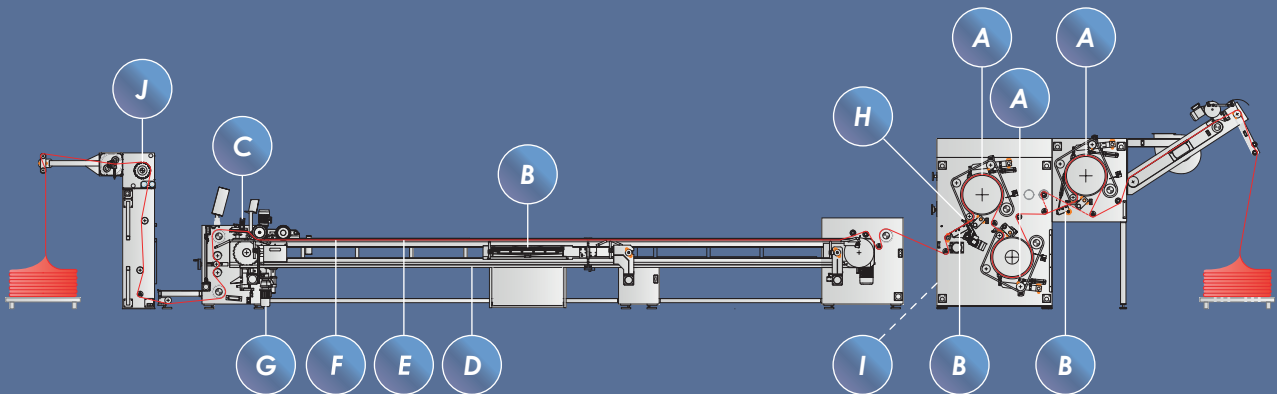
Lab test data obtained using the same fabrics on Bianco® 2- and 3-drum compaction lines, at same speed. All drums are 600 mm in diameter. All information provided is for general informational purposes only and does not represent a legal commitment or obligation by Bianco®.

Go 3-roller!

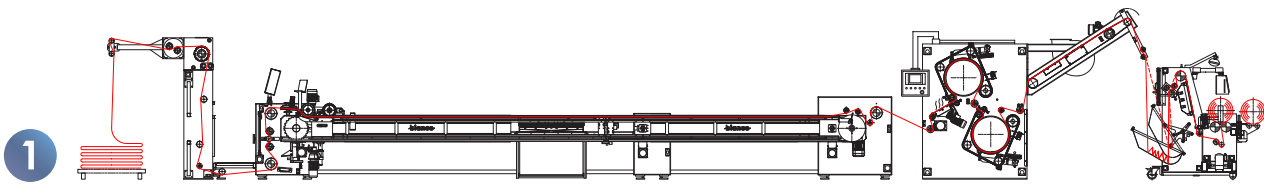
For light-weight fabrics such as single jersey, both Bianco® 2-roller and 3-roller compacting lines achieve excellent results.

However, when it comes to double knit fabrics, **Bianco® 3-roller system truly makes the difference:** not only **increase fabric shrinkage** but also **achieve a remarkable improvement in fabric stability**.

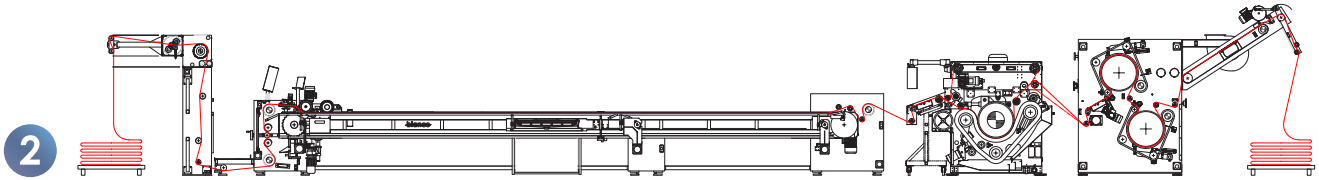
3-Super Kompact 600: the ideal choice for premium-quality finishes and long-lasting performance.



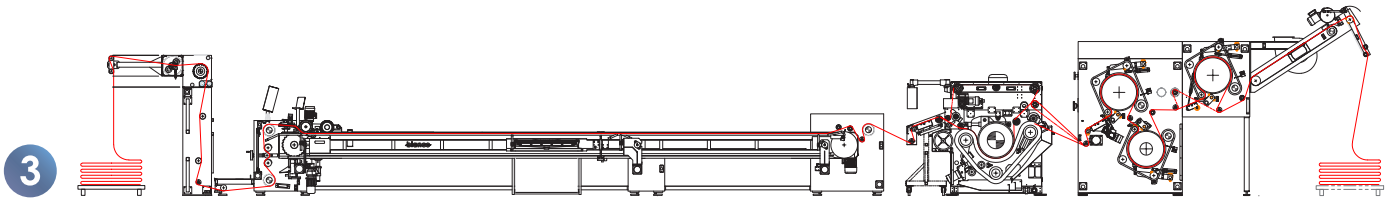
Choose the perfect layout of your compaction process



Compacting line with 9 m tenter frame, 2-roller B-Kompact 600 open width felt compactor, non stop winder.



Compacting line with 9 m tenter frame, B-Shrink open width rubber belt compactor, 2-roller B-Kompact 600 open width felt compactor.



Compacting line with 9 m tenter frame, B-Shrink open width rubber belt compactor, 3-roller 3-Super Kompact 600 open width felt compactor.

Upgrade your Bianco 2-roller: unlock the power of 3!

The 3rd Bianco® roller is a modular solution designed for easy integration.

It can be implemented in new machines or **retrofitted into existing Bianco® 2-roller compactors**, offering all the benefits of the 3-Super Kompact 600, such as: **maximum fabric stability** at high production speeds, extended fabric-to-drum contact time and **more effective preservation of the shrinkage effect**.





INFINISHING SOLUTIONS



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Bianco is part of TCN Group

