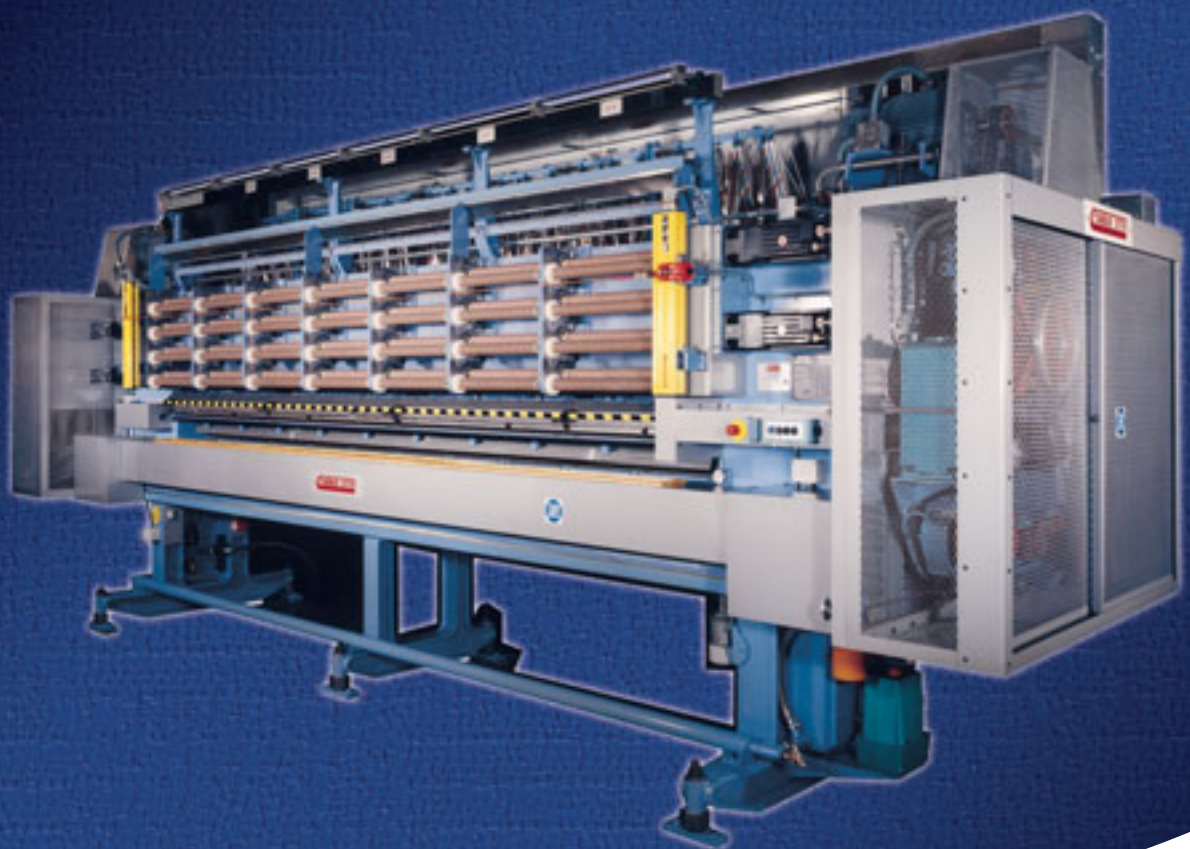


Multi Roll Attachment

- Servo control for individual pairs of rollers
- Offers five pile heights
- MRA also available double sided
- Easy access and quick rethreading

Multi Roll



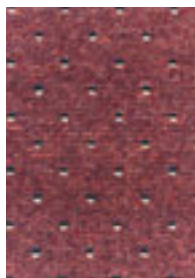
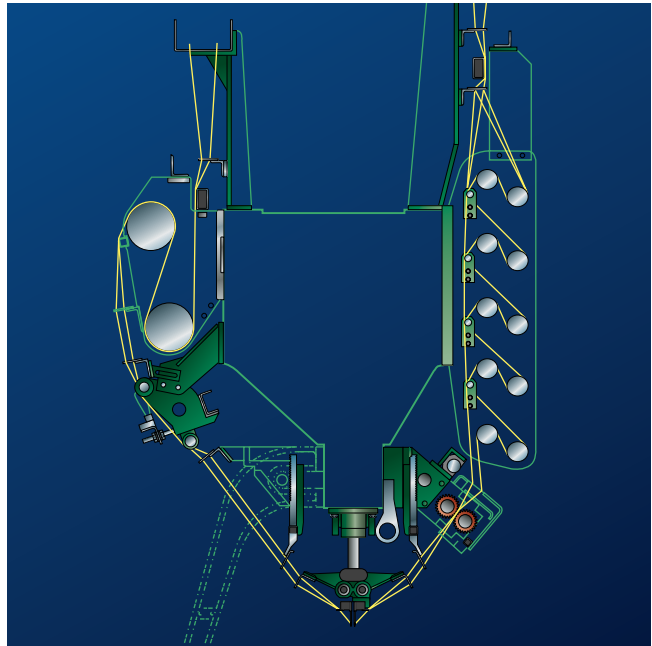
The Cobble Multi Roll Attachment is a yarn feed arrangement with servo control for individual pairs of rollers. Any number of rollers can be used according to the individual customer's requirements, but experience suggests this will usually comprise between four to six pairs of rollers.

The patterning attachment relies on buried end' techniques. The Multi Roll offers five pile heights: high, low, super high, super low and base. It offers diverse patterning possibilities by changing the threading sequence, multi roll feed rates and servo phase combinations. Additionally, the ability to offer **dual** sided multi-roll has diversified end product design. Compensation is also offered by sliding needle bar or jute movers.

The Cobble multi-roll offers specific advantages against competitive attachments on the market:

- 1 The distance from the top of the unit to the needles is relatively close, giving better yarn control.
- 2 The yarn feed rollers are smaller in diameter and lighter, providing quicker response and more accuracy.
- 3 The yarn path from the rollers is taken directly through puller rolls and into the needles. This is in contrast to alternative systems which may utilise tube banks, producing different tensions across the sewing width and thus reducing the advantage of utilising servos.
- 4 Easy access and quick rethreading is achieved by removing snapfit lightweight sectional front rollers. This can be done whilst standing on the ground. This overcomes previously accepted difficult and dangerous rethreading, which has been completed high up on the machine.

From a wealth of experience in refining patterning attachments, Cobble now offer the most advanced Multi Roll Attachment available.



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