

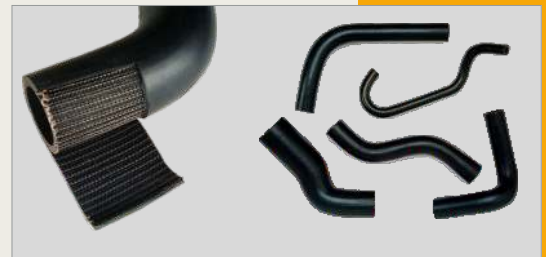
## HOSE KNITTING MACHINE

- Sturdily built tubular frame structure with enclosures
- Shaft mounted encoders and forced cooling fan for motors
- 2 to 4 feeders (bobbins) depending on size of the hose
- PLC & HMI touch screen for Electronic synchronisation of head & caterpillar motors for uniform pitch control
- Upto 3 kg different sizes of cone or cheese with upto 95 mm bore can be directly used
- Stainless Steel Yarn cover to avoid entanglement at high speed
- Knitting heads can be designed from 8 mm to 130 mm hose ID
- Photo sensor stop motion for yarn cut
- Use of Economical and sturdy knitting needles
- Interchangeable knitting heads
- Line speed, Shift production indications and on-the-go pitch change through HMI
- Roof mounting light tower indication
- Different yarns like Aramid, Kevlar, Polyester etc can be used



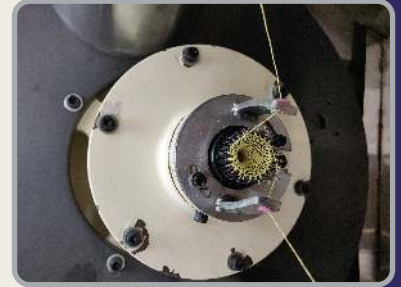
## CATERPILLAR

- Sturdily built rigid structure with enclosures
- 75 mm width timing belt with 6 mm thick linatex coating
- Bottom jaw adjustable by screw-rod for central line alignment
- Top jaw adjustable through steering wheel
- Sturdy worm-reduction gearbox
- Two numbers of 90° gear boxes for jaw drive
- Tyre coupling for splined drive shaft
- Hose guide assembly at both the ends of caterpillar



**Specifications**

Number of feeders	2 to 4 (depending on size of the hoses)
Inner diameter of cylinder	27 mm
Maximum diameter of knitted hose	26 mm
Yarn package core diameter	94 mm
Maximum diameter of yarn packing	210 mm
Max. height of spool	260 mm
Knitting module power	2.25 kW; 3Phase 440V
Caterpillar power	1.1 kW; 3Phase 440V
Interchangeable heads	Optional
Type of stitch	Plain stitch
Type of needle	Groz-Beckert make straight needle
Number of needles	24
Line speed	1 to 3 m / min. (depending on pitch)
Electronic Control	Siemens make PLC & 4" HMI


**Human Machine Interface**

**Stainless Steel Yarn cover to avoid entanglement at high speed**

**Yarn tensioner**

**Photo sensor stop motion for yarn cut**

Manufactured by

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