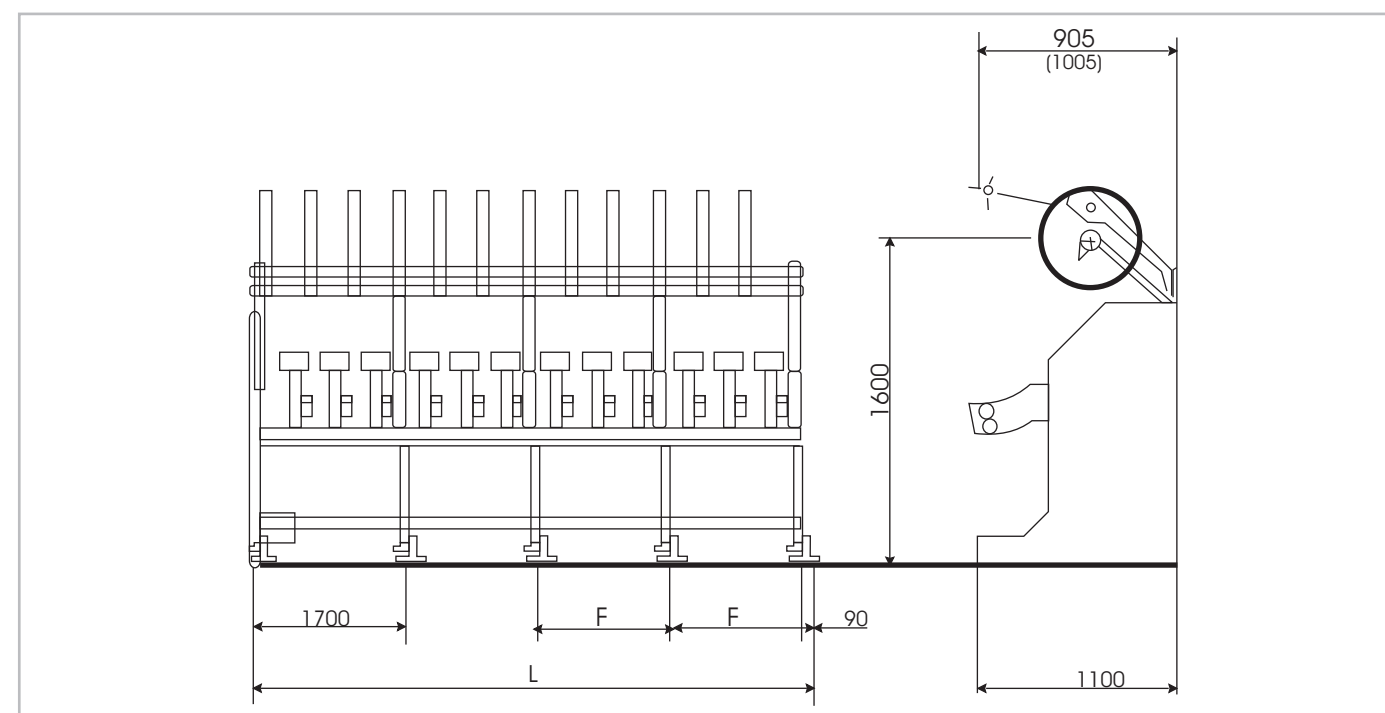


SMI Technical Specification

MACHINE MODEL	SMI
NO. OF WINDING HEADS	3 TO 36 (MULTIPLES OF 3)
MACHINE ARRANGEMENT	SINGLE SIDED
SPINDLE GAUGE	500mm
TYPE OF YARN	COTTON, WOOLLEN, SPUN RAYON, SPUN SYNTHETIC, HIGH BULK ACRYLIC
TYPE OF WINDING	RANDOM WINDING
WINDING SPEED	200 TO 800 MPM
SUPPLY PACKAGE TYPE	ALL TYPE (OPTIONAL)
PRODUCE PACKAGE TYPE	CYLINDRICAL, CONICAL (5°57', 4°20')
PRODUCE PACKAGE DIA	MAX Ø210
PRODUCE PACKAGE TRAVERSE	148mm TRAVERSE (200 mm optional)
POWER	0.5 HP/SPINDLE (200 WATTS)
SPINDLE DRIVE	INDIVIDUAL



Machine Dimensions

No. of Spindles	3	6	9	12	15	18	21	24	27	30	33	36
Length in mm	1912	3624	5336	7048	8760	10472	12184	13896	15608	17320	19032	20744
Width in mm	1100											
Height in mm	2000											
Weight in kg	375	750	1125	1500	1875	2250	2625	3000	3375	3750	4125	4500
Connected Load (HP)	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18

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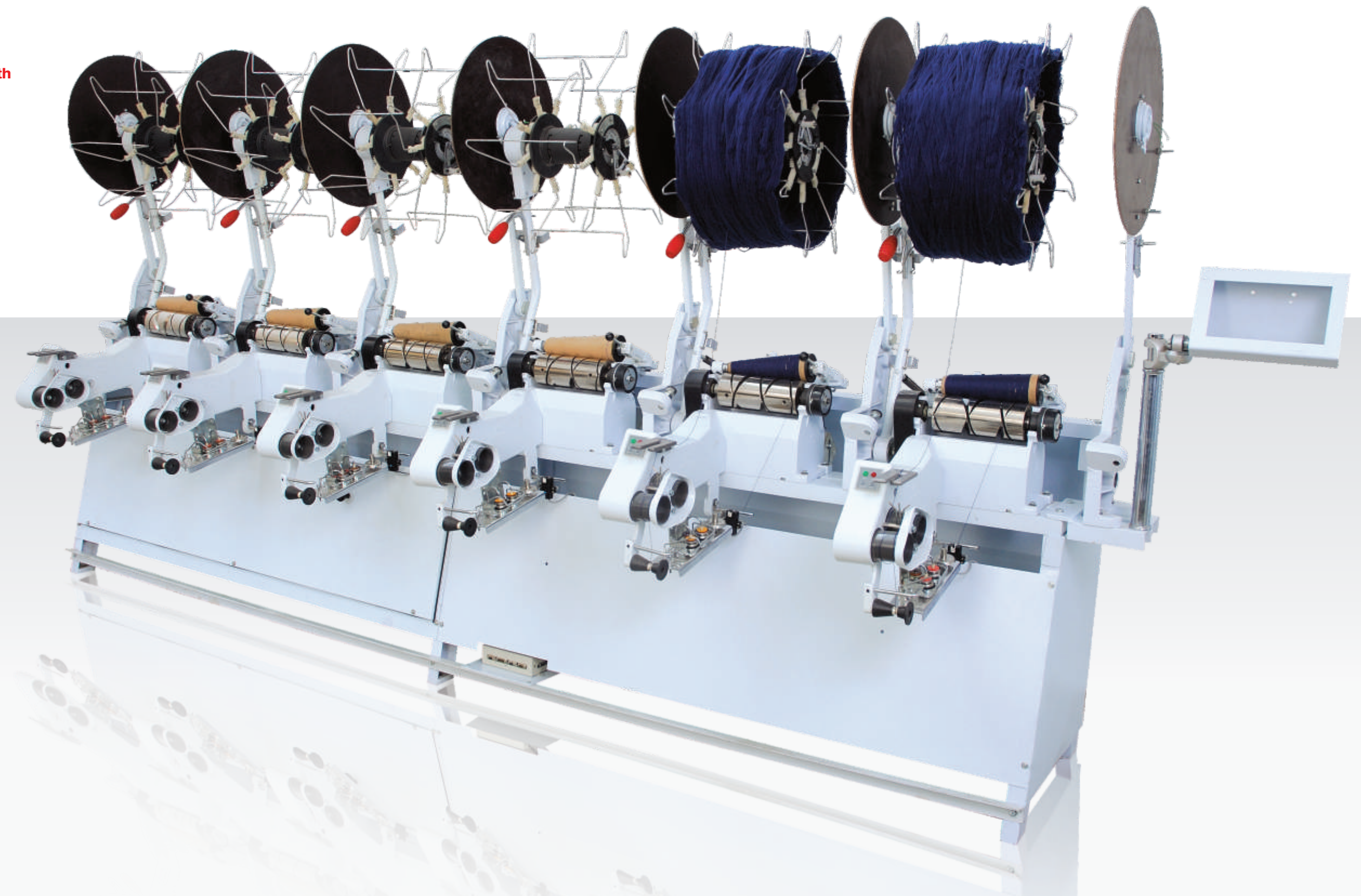
SMI Electronic Version Hank to Cone / Cheese Winder



SMI Hank to Cone / Cheese Winder

The high performance hank to cone / cheese winder machine is equipped with individual frequency drive and electromagnetic brakes on each spindle and swift controlled by microprocessor based Intelligent Controller, which optimizes the best speed for the particular hank quality resulting into maximum efficiency with minimum numbers of yarn brakes.

Grooved, light alloyed hard anodized or C. I. Electroless nickel plated dynamically balanced drums supported by heavy duty bearings and driven by heavy duty toothed belts ensure trouble free high speed performance of the machine.



Optional Features

- Splicer unit.
- Positively driven waxing device.
- Feeding creel for cops and cones.
- Slub catcher.

Sailent Features

- Individual frequency inverter drive.
- Auto speed selection based upon hank quality by Intelligent Controller.
- Centralized LCD display with feather keys for setting parameters.
- Automatic, instantaneous and simultaneous stop motion of swift, traverse drum and package by electromagnetic braking system controlled by microprocessor.
- Auto yarn length controlling device.
- Auto stop motion for full doff and yarn brake with visual display.
- Positively driven twin roller yarn feeding device.
- Collapsible swift with swivel type swift support arm for easy & efficient loading.
- Twin disc type tension device.

