



Durable computer control hard winding machine used for cone to cone hard package, used for knitting machine, shuttle loom, warper, hosiery machine. The winding speed is controlled by computer, max. 1100m /minute. It has easy adjusting radial anti patterning system. The advanced yarn clearing and tension system with photoelectric yarn detecting can avoid knotting and twisting for yarn. Precise and sensitive speed testing system can ensure even winding length(weight).The electric turning waxing machine can ensure the quantity and evenness. It is quite suitable for winding yarn of cotton, flax, silk, chemical fiber.

PERFORMANCE FEATURES

1. Wearable metal mandrel support.
2. Easy opening center of cone holder is easy for collecting the finished package.
3. Yarn inlet /outlet has ceramic for protection to avoid effecting yarn quality by friction.
4. The grooved drum has anti-dust, anti-twist system which can avoid dust accumulation and protect the operating bearing.
5. The machine is double sided with 12 spindles for each section. Many sections can be put together (max. 9 sections, 108 spindles).
6. Rotating pin and counterweight yarn brake can control winding tension freely.
7. Spring holder pressure balance system will ensure even winding density during the whole winding process.
8. Electric turning waxing system to ensure uniform waxing.
9. The photoelectric electronic length measuring device ensures the exact number of winding meters of each spindle.



Technical characteristics	Technical Parameters
Grooved drum	Q/D 82mm, pitch 2.5, asymmetrical 0°
Take-up package	3" 30" 4" 40" 5" 50"
(Selection)Automatic length fixing	Electronic winding length setting based on finished product, max. 999999m
(Selection)Slow start	For smooth start and better winding quality
Yarn brake with weights	It avoids the fluttering of the feeding yarn, provides suitable winding tension
Electric waxing device	Square hold wax piece and weight piece can be added, 1cm/ spindle, it can wax evenly
Configuration	12spindles / section
Composition	Max. 9 section / unit(108 spindles)
Motorization	1 phase 1 phase AC motor per spindle, controlled by 1 motor in each box of 12 spindles
Max. speed	1100m /min
Travel	Standard 167mm
Balancer	The winding pressure can be controlled by balance of spring
Yarn detector	With optical sensor
Max. package	250mm
Start / stop	By film switch, general control for single side by LCD
Radial anti patterning system	The anti patterning parameter is controlled by computer
Detection/Winding and suction cleaner	1100W motor power of cleaner
Absorbed power	100W per spindle at max. speed, excluding the motor power of cleaner
Power supply	3 phase 400V ± 10%, 50/60Hz
Machine(12spindles)weight and dimension	350kg 2250mm (length)× 1100mm(width)× 1400mm(height)
Weight for cleaner	112 kg According to spindle quantity
Weight and dimension for electric box	45kg 700mm(length)× 300mm(width)× 180mm(height)
Lighting system	Lamp
Yarn conveying device	Ordered separately
Air splicer	Ordered separately
Electronic yarn cleaner	Ordered separately

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!