

TO004C-1



TO004B-1



TO004B-1

TO004C-1

Auto Cone Thread Winding Machine





For thread winding at production floor, particularly suitable for small batch production. Greatly reduces WIPs and saves thread consumption.

- Fully automated operations. No manual handling required.
- Simple setting of thread length and number of cones to realize automatic winding, trimming, and collecting.
- TO004B-1 can process up to 6 original cones (1 original cone for TO004C) of different color threads at one time with automatic switching between divided cone colors.
- High-capacity cone chamber allows loading of 25 pieces of empty cones each time. Enabling continuous winding without interruption.
- Adopt steel structure integrated frame to ensure its sturdy and durable.
- Small space occupied and movable for flexible deployment between production lines.
- Effectively reduce remaining inventory of sewing threads.
- High speed and stable winding at 5.5-6.5m/ second.

APPLICATIONS

Thread Type
Cotton
Polyester Staple
Core Spun
Embroidery thread, etc.

Thread Cone Specifications

Original Cone

Thread Length: ≤ 5000m

Divided Cone

Bottom Dimension: Inner Diameter 31-34mm, Outer Diameter 35-40mm

Top Dimension: Inner Diameter 12-17mm, Outer Diameter 22-28mm

Height: 114-120mm

Winding Length: Thick thread 50-1500m

Thin thread 50-2500m

qonvolv
SYSTEMS

Quaternion Hong Kong Limited
13/F, Harbour Center, 25 Harbour Road
Wanchai, Hong Kong

www.qonvolv.com
qonvolvSystems@qonvolv.com
86-757-88888070



SPECIFICATIONS



Compressed Air
Requirement (Mpa)
0.5



Dimensions (mm)
L: 580 x W: 630 x H: 1,280 (TO004B-1)
L: 500 x W: 570 x H: 1,130 (TO004C-1)



Weight (kg)
140 (TO004B-1)
110 (TO004C-1)



Power (W)
800



Winding Speed (m/s)
5.5-6.5



Power Supply (V)
AC 220 (50Hz)