

# Marusan

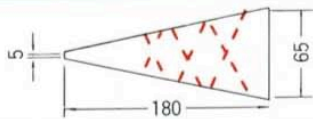
\*for winding and rewinding yarns

## PORTABLE WINDER

### SINGLE WINDER OF ULTIMATE DESIGN

#### MODEL CM-1HT

for 9° 15' winding

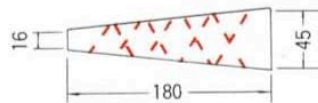


With timer switch Waxing possible  
With automatic stop device for stopping at breakage of thread

Yarn applicable	Cotton, rayon, worsted, synthetic, and mixed yarn
Winding speed	0 r.p.m ~ 1800 r.p.m
Max.wind-up volume	200 mm dia.
Tension weight	Spring type
Drum	Hard chrome plated
Motor	AC 100V/220V 60W
Machine weight	20 kg
Dimensions	300mm width X 300mm depth
Height of pole	950 mm

#### MODEL CM-2HT

for 3° 30' winding

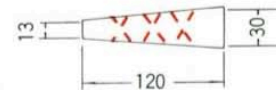


With timer switch Waxing possible  
With automatic stop device for stopping at breakage of thread

Yarn applicable	Cotton, rayon, worsted, synthetic, and mixed yarn
Winding speed	0 r.p.m ~ 1800 r.p.m (Speed of Winding from MAIWA 800 r.p.m.)
Max.winb-up volume	200 mm dia.
Tension weight	Spring type
Drum	Hard chrome plated
Motor	AC 100V/220V 60W
Machine weight	20 kg
Dimensions	300mm width X 300mm depth
Height of wheel	1200 mm

#### MODEL CM-3HT

for 4-inch sewing thread

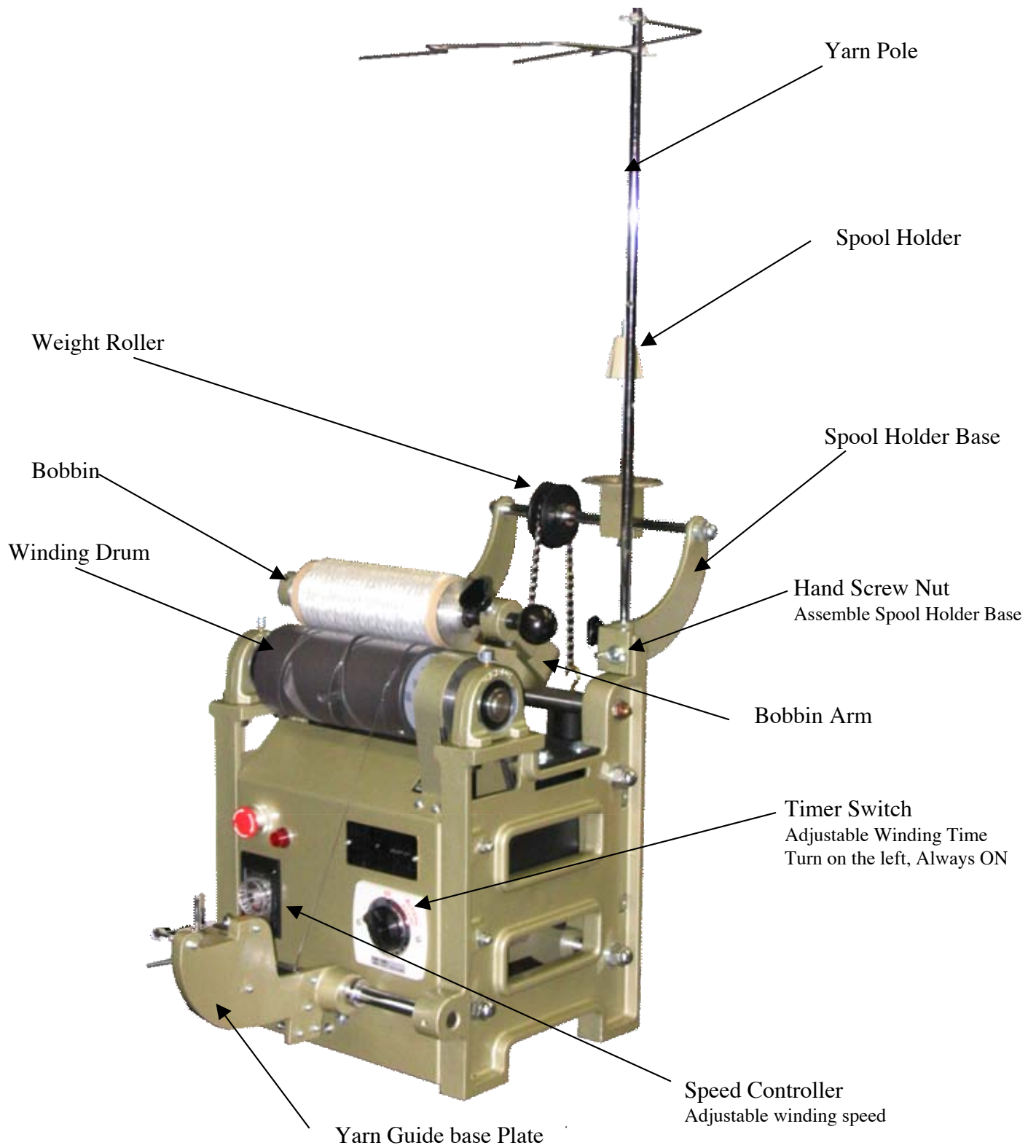


With timer switch Waxing possible  
With automatic stop device for stopping at breakage of thread

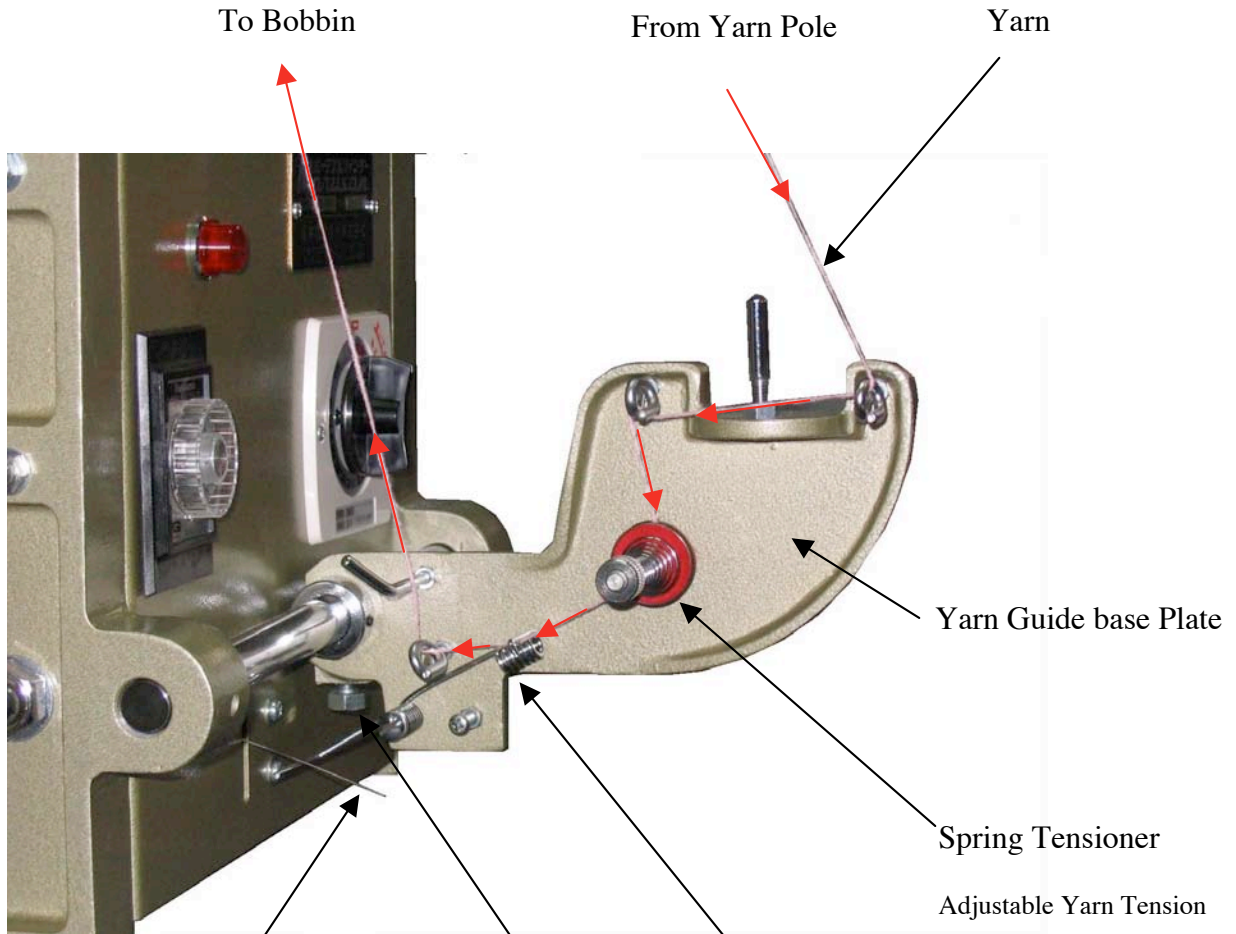
Yarn applicable	Cotton, rayon, worsted, synthetic, and mixed yarn
Winding speed	0 r.p.m ~ 1800 r.p.m
Max.wind-up volume	200 mm dia.
Tension weight	Spring type
Drum	Specially processed plastics
Motor	AC 100V/220V 60W
Machine weight	20 kg
Dimensions	300mm width X 300mm depth
Height of pole	950 mm

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# Marusan Portable Winder Assembly Drawing



# How to Thread



Set Bolt, Yarn Guide base Plate

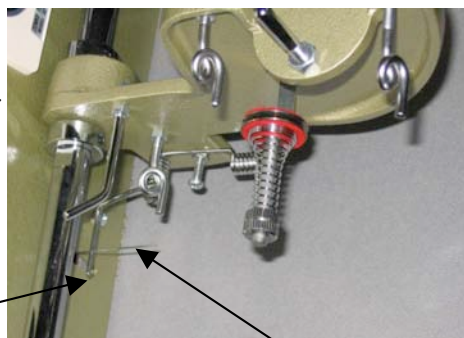
Tighten with spanner

Stop Weight bar

When yarn breakage has occurred  
Motor stopped.

Stop Switch bar

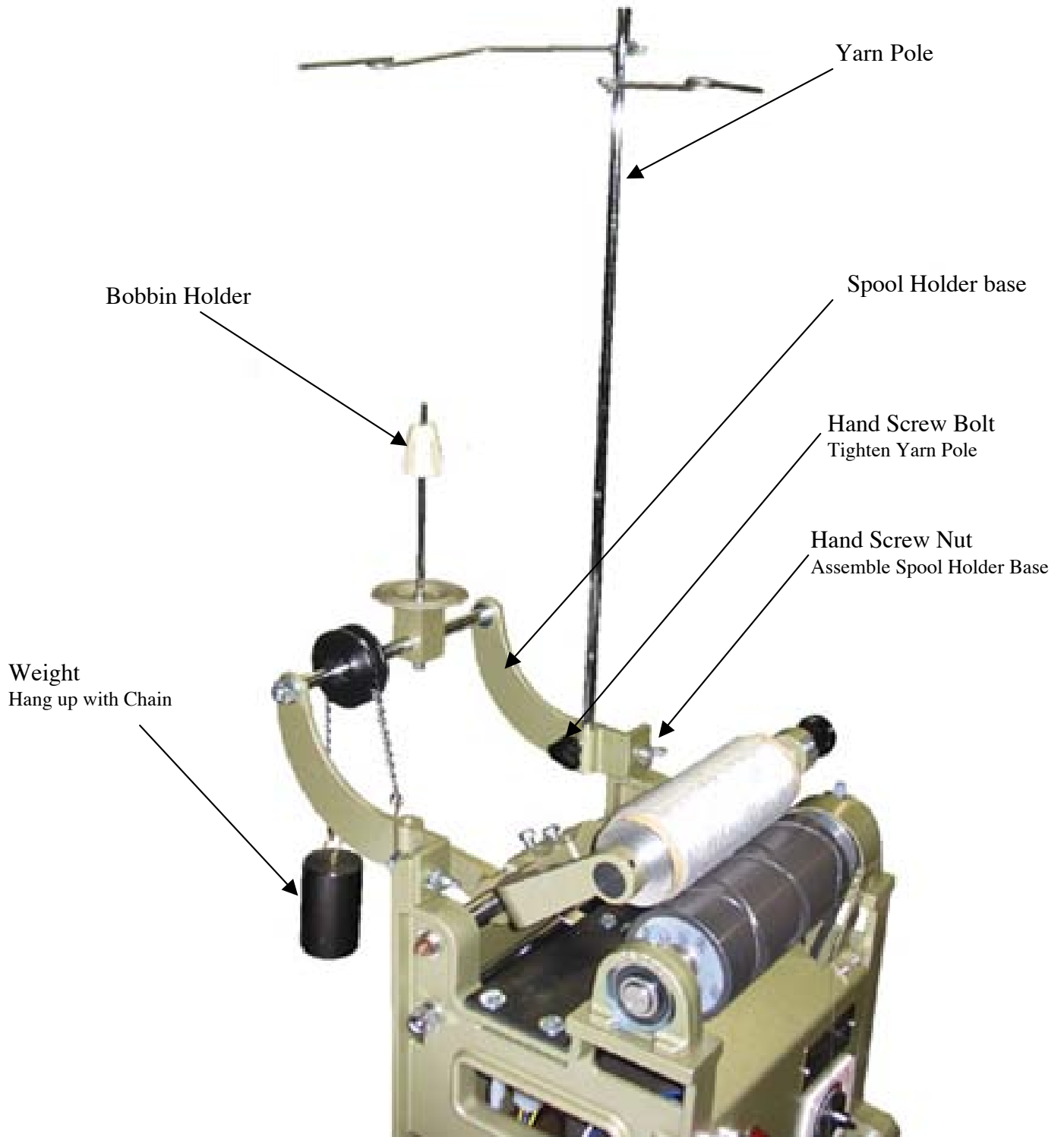
Must install on the Stop weight bar



Stop Weight bar

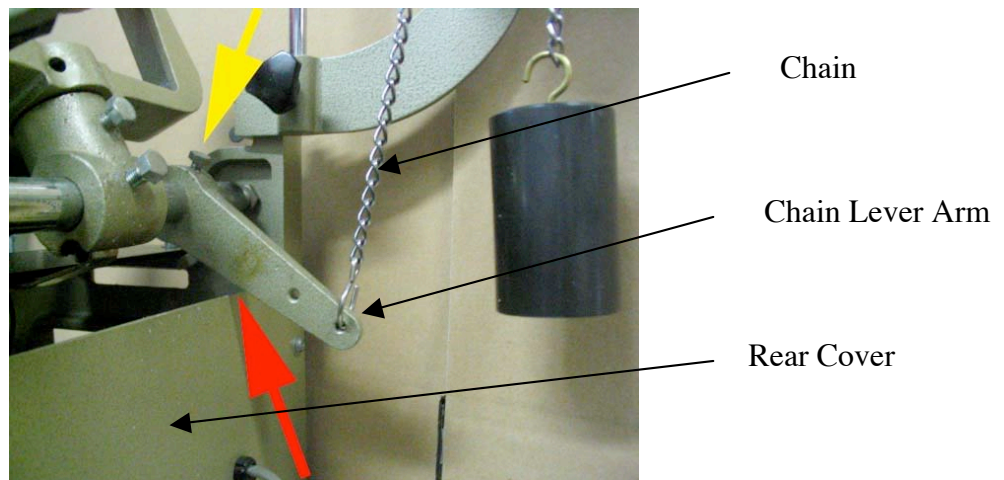
Stop Switch bar

# Yarn pole and Weight installation

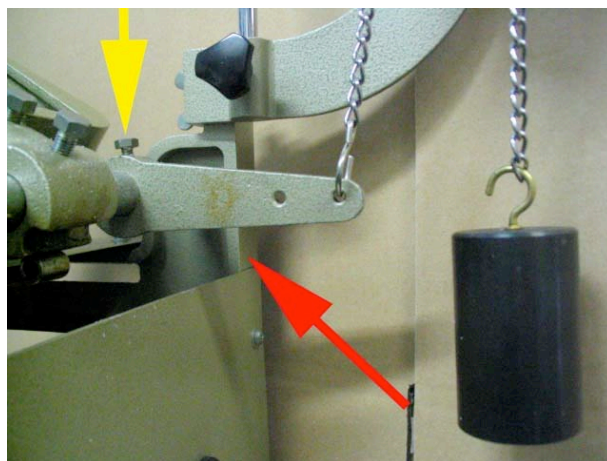


## Position of Chain Lever Arm

When the bobbin arm has upped, please keep the gap (Red arrow: between Chain lever arm and Rear cover) about 5~10mm. You can adjust the gap with Chain lever arm bolt (yellow arrow)



When the bobbin arm has settled down, the gap become huge.



# Marusan Portable Winder Winding Speed for CM-2HT

