

# TMS

## SPLITTING MACHINE





**W21" x F30"(21" combination)**

**Specifications:**

Polyester, Nylon(200TD/10F) >>mono filament(30.20D/1F)

Applicable yarn: TD200/10 filament-TD20/1 mono filament

Number of yarn: 600~1200TH(64con)

Yarn speed: 600~800M/min

Motor: TC 7.5Kw, 3Ø 220~380V

**WORKING RANGE : F30"(21") X W21"**

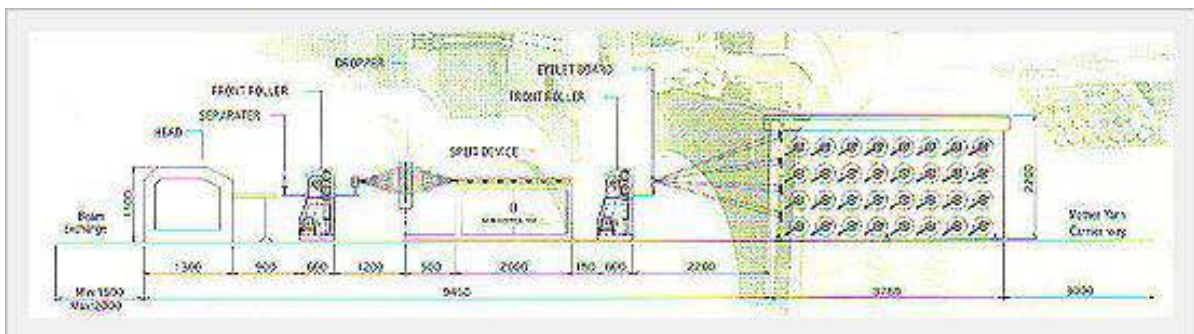
**MOTOR : AC 11KW ~ 15KW**

**AUTO SYSTEM : BEAM LIFT, AUTO CLAMPING, MAIN REED, AUTO TENSION CONTROLLER**

**SUITABLE FOR ANY KINDS OF MOTHER YARN**

**AVERAGE MONTHLY OUTPUT : 18**

Kinds of Yarn	Mono filament	Mother yarn
Polyester	15D, 20D	200D/10F, 160D/8F, 240D/12F
	30D	300D/10F
Nylon	20D	300D/15F



### ➤ MOTHER YARN CONTROL PART

3500mm(L)×1900mm(W)×1900mm(H)

- Voltage Meter
- Motor Power Controller
- Tension Motor : 60 ~ 70 Drums, 10~20kw/Drum
- Mother Yam Guide



### ➤ BEAMING AND MAIN PART

2200mm(L)×1200mm(W)×870mm(H)

- Main Control Box
- Nozzle Roller
- Beam Guide (650mm~700mm)
- Beam Handle
- Using Beam : (About)21 inch



### ➤ YARN SPLITTING CONTROL PART

2700mm(L)×1000mm(W)×840mm(H)

- Electronic Control Box
- Middle Operator
- Sensor Lamp
- Sensor Hole
- Yarn Inflowing Roller (1 sst Roller)





## FRATURES

### Main applicable yarn

- Nylon : 225 / 15F (15D)  
300 / 15F (20D)
- Polyester : 300 / 10F (30D)  
240 / 12F (20D)

### Electric capacity

- Winder : T/Q MOTER 1.5kgm 1EA  
I/D MOTER 3.75kw 1EA  
G/D MOTER 0.4 kw 1EA  
G/D MOTER 0.2kw 1EA
- Splitting machine : 1/D MOTER 3.75kw 1EA  
G/D MOTER 0.4kw 1EA
- Mother yarn machine : T/Q MOTER 5kgcm 60EA
- Total : Nearly 15kw

### Production capacity

- Process speed 550/min
- Weight of mother yarn one poise 10kg
- Length of the 10kg 450,000m
- Daily production capacity (24 hours) 10kg×60poises = 600kg in case of 6 poises
- Monthly production capacity (25days) 660kg × 25days = 16500kg

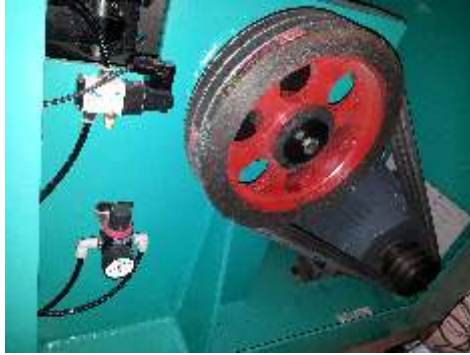
### Comparison Table

	Existing Machine	Warping Machine
No. of machine	15 units of Splitting machine 1 unit of Warpping Machine	1 unit
Monthly production capacity	8.25ton	16.5ton
Production persone	15persons(24hours)	3 persons (24 hours)
Available Space	Splitting machine : 13.5×8.5cm = 114.75 Warpping Machine : 15×7m = 105 Total : 219.75cm	13 × 3m = 39 m
Mother yarn quality	Unequalthickness is caused by the tension of yarn	Equal thickness of yarn is maintained by tension control





## Parts Of Splitting Machine



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## **TMS MAKİNA ÖRME SAN ve DIŐ.TİC.LTD.ŐTİ.**

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