

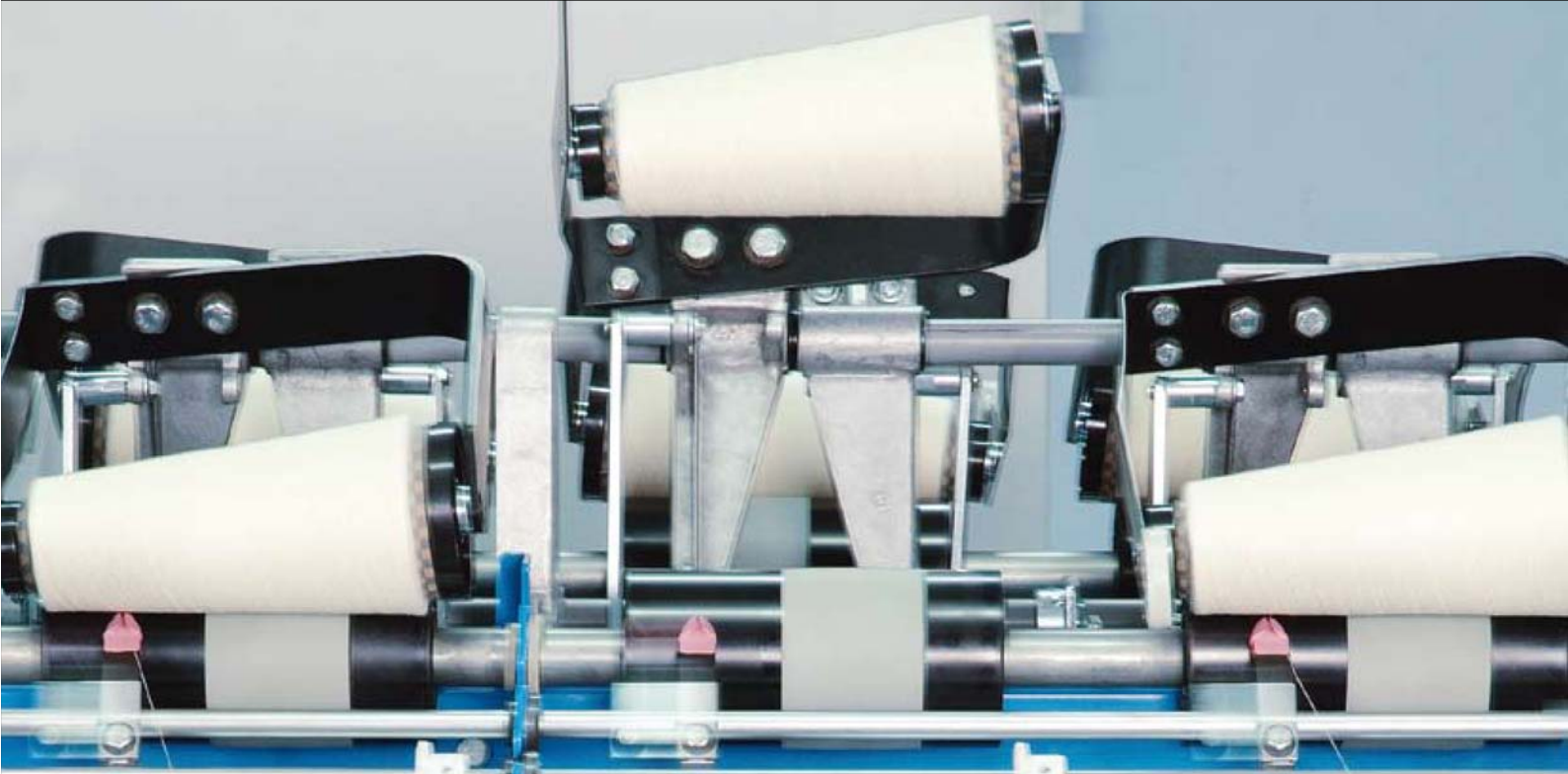


**Veejay Lakshmi  
Engineering Works Ltd.**



**REDEFINING TWISTING SOLUTIONS**

**TWO FOR ONE TWISTER**



Over 30 years of proven success in the manufacture of textile machinery with an understanding of the future twisting needs, Veejay Lakshmi offers its customers ultimate in yarn twisting solutions through its newly engineered M Series Two-for-One twisters, ideally suited for twisting spun yarns.

The leading manufacturer of Two-for-One Twisters in India, with its wide range of robust models, Veejay Lakshmi has successfully installed machines in India, Indonesia, Philippines, Malaysia, Thailand, China, Nepal, Bangladesh, Sri Lanka, Mexico, Turkey, Egypt and Uganda specially crafted to meet specific twisting requirements.

High quality,  
simple to use machines,  
With no need for  
skilled operators

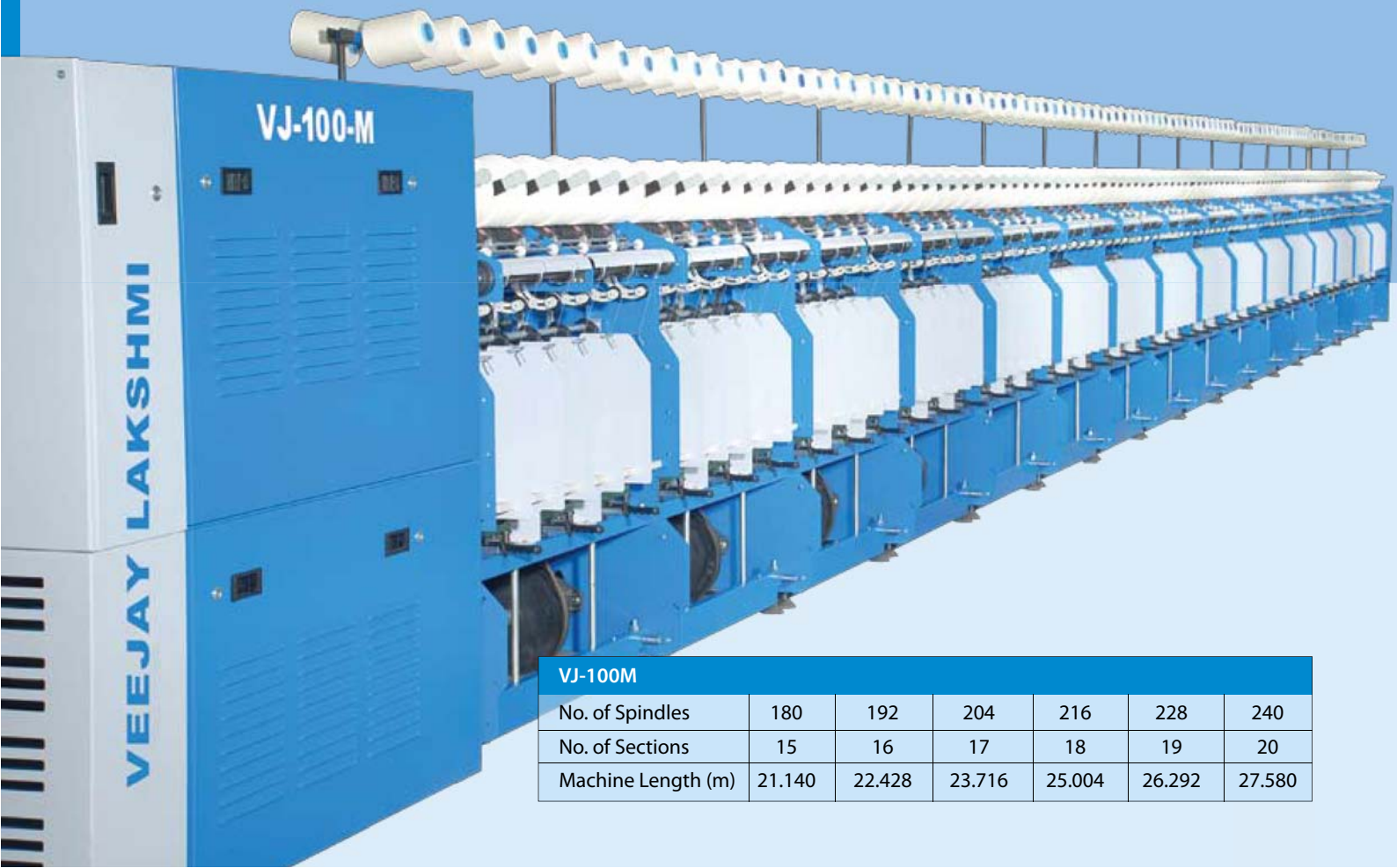
## Exclusive Features & Options

- Reduced machine width of 850 mm
- Provision for normal / soft package winding
- Top tray arrangement for storing yarn packages
- Bunching device for providing tail end
- Creeping device for providing dye packages
- Waxing device for hosiery yarns
- Cradle lifting device for disengaging delivery package during end breakage

## Lowest Power Cost

Veejay Lakshmi Two-for-One Twisting Machines are bench marked for low operating costs due to low power consumption and trouble free performance.

The new Eco Twister Model VJ-100M further enhances this advantage by offering still lower power consumption. Consumes 40 to 50% less power as compared to VJ-120M / VJ-150M

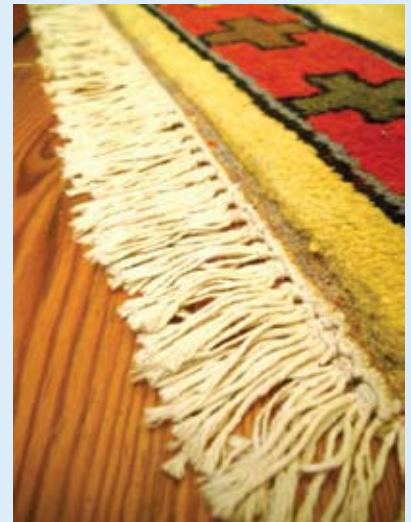


VJ-100M						
No. of Spindles	180	192	204	216	228	240
No. of Sections	15	16	17	18	19	20
Machine Length (m)	21.140	22.428	23.716	25.004	26.292	27.580

# The Wide Range for an **Ultimate** Twisting Solution



- Specially designed machine for multi-ply and very coarse yarns
- The machine can take 5 kg feed package and 5 kg delivery package
- Very ideal machine for manufacturing carpet yarn, industrial yarn, cycle tyre cords, jute yarn and filament yarn



## SPECIFICATIONS VJ-250

Max No. of spindles	120
No. of spindles / section	8
Spindle gauge (mm)	360
Pot diameter (mm)	258
Count range (Ne)	2/2 to 2/10
Twist range (TPI)	2.5 to 20

### Feed Package (Cheese Form)

Max. Length (mm)	290
Max. Outside dia. (mm)	250
Min. inside dia. (mm)	54
Weight (gms)	Up to 5000
Traverse (mm)	254

### Delivery Package

Max. Length (mm)	254
Max. Outside. dia (mm)	300
Max. Weight (kgs)	5
Conicity	3°30' / 4°20' / Cheese
Traverse (mm)	254
Max. Spindle speed (rpm)	5000
Effective twist insertion/min	10000
Spindle drive	4 Spindle tape drive
Machine width (mm)	1100
Machine length (Max)	23735 mm
Material	All spun material / Jute / Synthetic filament yarn

# Veejay precision engineered spindles - The lifeline of TF0s.



## Unique 4 - Spindle Drive System

Saves power by 25% compared to tangential belt drive system

## Poly V Belt

Poly V Belt drive in replacement of multi V-belts ensures better grip and effective drive transmission with negligible slippage. Reduces energy consumption due to low torque ratio.



## Hand Brake System

The hand brakes are more efficient and robust in comparison with knee brakes. Operating these brakes is much simpler and reduces the fatigueness of the operator. Use of hand brakes makes both hands free for the operator and enhances the efficiency of the operator.



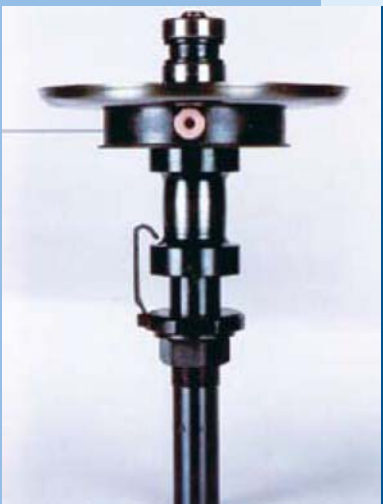
## Toothed Belt Drive

Toothed belt drive system gives accurate drive transmission without any slippages. This ensures the ratio between rate of twisting and delivery to be constant. Further the gear trains are designed for zero maintenance and do not require any lubrication.



## Consistent Spindle Speed

Veejay manufactures high quality spindles and spindle components. The proven design of Veejay spindles does not warrant any replacement. The specially designed geometry of spindles enables less energy consumption.



## Outer Pot Assembly

For balloon control and better yarn quality



## Cradle Lifting Arrangement

Disengages delivery package during yarn end breakage



## SPECIFICATIONS

	VJ-100M	VJ-120M	VJ-150M
Max No. of spindles	240	240	204
No. of spindles / section	12	12	12
Spindle gauge (mm)	210	210	240
Pot diameter (mm)	100	123	150
Count range (Ne)	2 / 60 to 2 / 150	2 / 40 to 2 / 130	2 / 16 to 2 / 80
Twist range (TPI)	3 to 71	3 to 71	3 to 71
Twist range (TPM)	118 to 2800	118 to 2800	118 to 2800
<b>Feed Package</b>			
Max. Length (mm)	170	170	170
Max. Outside Dia. (mm)	95	115	140
Min. Inside Dia. (mm)	38	43	43
Weight (gms)	up to 500	up to 700	up to 1000
Conicity	3°30' / 4°20' / Cheese	3°30' / 4°20' / Cheese	3°30' / 4°20' / Cheese
Traverse (mm)	152	152	152
<b>Delivery Package</b>			
Max. Length (mm)	170	170	170
Max. Outside. Dia (mm)	300	300	300
Max. Weight (kgs)	3.5	3.5	3.5
Conicity	3°30' / 4°20' / 5°57' Cheese	3°30' / 4°20' / 5°57' Cheese	3°30' / 4°20' / 5°57' Cheese
Traverse (mm)	152	152	152
Max. Spindle speed (rpm)	15000	14000	12000
Effective twist insertion per min	30000	28000	24000
Spindle drive	4 Spindle	4 Spindle	4 Spindle
Stop motion	Mechanical	Mechanical	Mechanical
Machine width (mm)	850	850	850
Machine length (Max) mm	27580	27580	26776
Material	All spun	All spun	All spun

Specifications are subject to change without prior notice.



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