



# ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-12A



## TECHNICAL SPECIFICATIONS

<b>Machine Description</b>	Rope Making Machine
<b>Model</b>	SV/R-12A
<b>No.of Strand ( Ply )</b>	3 Strand ( 3 Ply )
<b>Rope Range</b>	12 MM TO 25 MM
<b>Strand Flyer Speed</b>	600 RPM (Maximum)
<b>Rope Flyer Speed</b>	300 RPM
<b>Twist Per Minute</b>	Twice the Flyer Speed
<b>Rope Lay</b>	Z
<b>Twist Range</b>	7 to 32 TPM
<b>Twist in Strand</b>	Adjustable
<b>Drive</b>	' V " Belt & Timing Belt
<b>Pay of Packages ( Feeding Bobbin)</b>	3 x 20 = 60 ( 250 mm Dia x 300 mm Tra x 38 mm Hole )
<b>Motor</b>	20 HP A.C ABB or Kirloskar Make
<b>Gear Box</b>	Standard make

<b>Rope Die Set</b>	For getting Perferct Roundness of the Rope
<b>A.V.M.Pads</b>	For Vibration free smooth Working
<b>Sliding Cover</b>	For Safety & Quick Operation
<b>Auto Cut off System</b>	Preventing Raw-Material Wastage
<b>Balancing</b>	Electronically Balanced
<b>Take Up System</b>	Bobbin Filling
<b>Take up Capacity</b>	65 Kg ( 600 mm dia x 480 mm Tra. x 51 mm Hole)

**Production Capacity  
(on 100% Efficiency)**

Rope Size	Production (Kg. / hr.)	RPM	TPM	Grm. / MTr.
12 mm	85.00 Kg.	500	22.50	65.00
14 mm	130.00 Kg.	500	19.00	89.00
16 mm	200.00 Kg.	500	16.50	116.00
18 mm	260.00 Kg.	450	15.00	150.00
20 mm	350.00	450	13.50	185.00
22 mm	450.00 Kg.	450	12.00	210
25 mm	490.00	350	10.50	250.00

The figures as above are based on three strand Monofilament rope of medium lay and an efficiency - on 100% , Varies depends upon Raw-Material & TPM selected.

**Dimension ( Approx.)**

Length	Width	Height
32'6"	7'2"	7'1"

**Weight ( Approx.)**

7000 Kgs. ( Approx.)

## ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-12B

### TECHNICAL SPECIFICATIONS

<b>Machine Description</b>	Rope Making Machine
<b>Model</b>	SV/R-12B
<b>No.of Strand ( Ply )</b>	3 Strand ( 3 Ply )
<b>Rope Range</b>	12 MM TO 25 MM
<b>Strand Flyer Speed</b>	600 RPM (Maximum)

<b>Rope Flyer Speed</b>	300 RPM (Maximum)
<b>Twist Per Minute</b>	Twice the Flyer Speed
<b>Rope Lay</b>	Z
<b>Twist Range</b>	7 to 32 TPM
<b>Twist in Strand</b>	Adjustable
<b>Drive</b>	' V " Belt & Timing Belt
<b>Pay of Packages ( Feeding Bobbin)</b>	3 x 24 = 72 ( 250 mm Dia x 300 mm Tra x 38 mm Hole )
<b>Motor</b>	20 HP A.C ABB or Kirloskar Make
<b>Gear Box</b>	Standard make
<b>A.V.M.Pads</b>	For Vibration free smooth Working
<b>Sliding Cover</b>	For Smooth & Quick Operation
<b>Auto Cut off System</b>	Preventing Raw-Material Wastage
<b>Balancing</b>	Electronically Balanced
<b>On/Off Switches</b>	Fitted Different Places for easy & speedy operation
<b>Take Up System</b>	Bobbin Filling
<b>Take up Capacity</b>	65 Kg ( 600 mm dia x 480 mm Tra. x 51 mm Hole)

**Production Capacity (on 100% Efficiency)**

Rope Size	Production (Kg. / hr.)	RPM	TPM	Grm. / MTr.
12 mm	85.00 Kg.	500	22.50	65.00
14 mm	130.00 Kg.	500	19.00	89.00
16 mm	200.00 Kg.	500	16.50	116.00
18 mm	260.00 Kg.	450	15.00	150.00
20 mm	350.00	450	13.50	185.00
22 mm	450.00 Kg.	450	12.00	210
25 mm	490.00	350	10.50	250.00

The figures as above are based on three strand Monofilament rope of medium lay and an efficiency - on 100% , Varies depends upon Raw-Material & TPM selected.

**Dimension ( Approx.)**

Length	Width	Height
34' 6"	7'	7'

**Weight ( Approx.)**

7500 Kgs. ( Approx.)

# ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-12C

## TECHNICAL SPECIFICATIONS

<b>Machine Description</b>	Rope Making Machine
<b>Model</b>	SV/R-12C
<b>No.of Strand ( Ply )</b>	4 Strand ( 4 Ply )
<b>Rope Range</b>	12 MM TO 25 MM
<b>Strand Flyer Speed</b>	600 RPM (Maximum)
<b>Rope Flyer Speed</b>	300 RPM
<b>Twist Per Minute</b>	Twice the Flyer Speed
<b>Rope Lay</b>	Z
<b>Twist Range</b>	7 to 32 TPM
<b>Twist in Strand</b>	Adjustable
<b>Drive</b>	' V " Belt & Timing Belt
<b>Pay of Packages ( Feeding Bobbin)</b>	4 x 18 = 72 ( 250 mm Dia x 300 mm Tra x 38 mm Hole )
<b>Motor</b>	20 HP A.C ABB or Kirloskar Make
<b>Gear Box</b>	Standard make
<b>A.V.M.Pads</b>	For Vibration free smooth Working
<b>Sliding Cover</b>	For Smooth & Quick Operation
<b>Auto Cut off System</b>	Preventing Raw-Material Wastage
<b>Balancing</b>	Electronically Balanced
<b>On/Off Switches</b>	Fitted Different palces for easy & speedy operation
<b>Take Up System</b>	Bobbin Filling
<b>Take up Capacity</b>	65 Kg ( 600 mm dia x 480 mm Tra. x 51 mm Hole)

**Production  
(on 100% Efficiency)**

**Capacity**

Rope Size	Production (Kg. / hr.)	RPM	TPM	Grm. / MTr.
12 mm	85.00 Kg.	500	22.50	65.00
14 mm	130.00 Kg.	500	19.00	89.00

16 mm	200.00 Kg.	500	16.50	116.00
18 mm	260.00 Kg.	450	15.00	150.00
20 mm	350.00	450	13.50	185.00
22 mm	450.00 Kg.	450	12.00	210
25 mm	490.00	350	10.50	250.00

The figures as above are based on three strand Monofilament rope of medium lay and an efficiency - on 100% , Varies depends upon Raw-Material & TPM selected.

**Dimension ( Approx.)**

Length	Width	Height
32'6"	7'2"	7'1"

**Weight ( Approx.)**

7000 Kgs. ( Approx.)

## ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-12D

### TECHNICAL SPECIFICATIONS

<b>Machine Description</b>	Rope Making Machine
<b>Model</b>	SV/R-12D
<b>No.of Strand ( Ply )</b>	4 Strand ( 4 Ply )
<b>Rope Range</b>	12 MM TO 25 MM
<b>Strand Flyer Speed</b>	600 RPM (Maximum)
<b>Rope Flyer Speed</b>	300 RPM (Maximum)
<b>Twist Per Minute</b>	Twice the Flyer Speed
<b>Rope Lay</b>	Z
<b>Twist Range</b>	7 to 32 TPM
<b>Twist in Strand</b>	Adjustable
<b>Drive</b>	' V " Belt & Timing Belt
<b>Pay of Packages ( Feeding Bobbin)</b>	4 x 20 = 80 ( 250 mm Dia x 300 mm Tra x 38 mm Hole )
<b>Motor</b>	20 HP A.C ABB or Kirloskar Make
<b>Gear Box</b>	Standard make

**A.V.M.Pads**

For Vibration free smooth Working

**Sliding Cover**

For Smooth & Quick Operation

**Auto Cut off System**

Preventing Raw-Material Wastage

**Balancing**

Electronically Balanced

**Take Up System**

Bobbin Filling

**Take up Capacity**

65 Kg ( 600 mm dia x 480 mm Tra. x 51 mm Hole)

**Production  
(on 100% Efficiency)**

**Capacity**

Rope Size	Production (Kg. / hr.)	RPM	TPM	Grm. / MTr.
12 mm	85.00 Kg.	500	22.50	65.00
14 mm	130.00 Kg.	500	19.00	89.00
16 mm	200.00 Kg.	500	16.50	116.00
18 mm	260.00 Kg.	450	15.00	150.00
20 mm	350.00	450	13.50	185.00
22 mm	450.00 Kg.	450	12.00	210
25 mm	490.00	350	10.50	250.00

The figures as above are based on three strand Monofilament rope of medium lay and an efficiency - on 100% , Varies depends upon Raw-Material & TPM selected.

**Dimension ( Approx.)**

Length	Width	Height
32' 6"	7'	7'

**Weight ( Approx.)**

8000 Kgs. ( Approx.)

## FEATURES

- A/C Drive.
- Additional driving mechanism at pay off side to pull yarn from bobbin.
- Digital length counter meter
- DoorSensor
- Electric chain hoist arrangement for final bobbin removing system (Optional Feature)
- Electrical clutch system (Optional Feature)

## NOTES

- Pay off package size and numbers can be accommodate as per customer requirement.
- We reserve the right to change details /specifications / equipment without any prior notice.