



# ROPE MAKING MACHINE 8 MM TO 16 MM SV/R-8A



## TECHNICAL SPECIFICATIONS

|  |  |
|--|--|
| <b>Machine Description</b>               | Rope Making Machine                                  |
| <b>Model</b>                             | SV/R-8A  |
| <b>No.of Strand ( Ply )</b>              | 3 Strand ( 3 Ply )                                   |
| <b>Rope Range</b>                        | 8 MM TO 16 MM  |
| <b>Strand Flyer Speed</b>                | 900 RPM (Maximum)                                    |
| <b>Rope Flyer Speed</b>                  | 450 RPM  |
| <b>Twist Per Minute</b>                  | Twice the Flyer Speed                                |
| <b>Rope Lay</b>                          | Z  |
| <b>Twist Range</b>                       | 15 to 45 TPM   |
| <b>Twist in Strand</b>                   | Adjustable   |
| <b>Drive</b>                             | ' V " Belt & Timing Belt                             |
| <b>Pay of Packages ( Feeding Bobbin)</b> | 3 x 12 = 36 ( 250 mm Dia x 300 mm Tra x 38 mm Hole ) |
| <b>Motor</b>                             | 20 HP A.C.   |
| <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 Doors with Limit Switches</b> | For Safety & Quick Operation                         |
| <b>Auto Cut off System</b>               | Preventing Raw-Material Wastage                      |
| <b>Balancing</b>                         | Electronically Balanced                              |

**Take Up System**

Bobbin Filling

**Take up Capacity**

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

**On/Off Switches**

Provided in different Places for Speedy & Easy operation

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

| Rope Size | Production (Kg. / hr.) | RPM | TPM   | Grm. / MTr. |
|-----------|------------------------|-----|-------|-------------|
| 8 mm      | 46.00 Kg.              | 450 | 33.50 | 29.00       |
| 10 mm     | 90.00 Kg.              | 450 | 27.00 | 45.00       |
| 12 mm     | 138.00 Kg.             | 400 | 22.50 | 65.00       |
| 14 mm     | 166.00 Kg.             | 350 | 19.00 | 89.00       |
| 16 mm     | 253.00                 | 300 | 16.50 | 116.00      |

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 |
|--------|-------|--------|
| 27'2"  | 7'5"  | 7'3"   |

**Weight ( Approx.)**

4900 Kgs. ( Approx.)

## ROPE MAKING MACHINE 8 MM TO 16 MM SV/R-8B

### TECHNICAL SPECIFICATIONS

|                                  |  |
|----------------------------------|--|
| <b>Machine Description</b>       | Rope Making Machine                                  |
| <b>Model</b>                     | SV/R-8B  |
| <b>No.of Strand ( Ply )</b>      | 3 Strand ( 3 Ply )                                   |
| <b>Rope Range</b>                | 8 MM TO 16 MM  |
| <b>Strand Flyer Speed</b>        | 900 RPM (Maximum)                                    |
| <b>Rope Flyer Speed</b>          | 450 RPM  |
| <b>Twist Per Minute</b>          | Twice the Flyer Speed                                |
| <b>Rope Lay</b>                  | S & Z  |
| <b>Twist Range</b>               | 15 to 45 TPM   |
| <b>Twist in Strand</b>           | Adjustable   |
| <b>Drive</b>                     | ' V " Belt & Timing Belt                             |
| <b>Pay of Packages ( Feeding</b> | 3 x 20 = 60 ( 250 mm Dia x 300 mm Tra x 38 mm Hole ) |

|  |  |
|--|--|
| <b>Bobbin)</b>                           |  |
| <b>Motor</b>                             | 20 HP A.C.   |
| <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 Doors with Limit Switches</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)           |
| <b>On/Off Switches</b>                   | Provided in different Places for Speedy & Easy operation |

| <b>Production Capacity (on 100% Efficiency)</b> | Rope Size | Production (Kg. / hr.) | RPM | TPM   | Grm. / MTr. |
|---|-----------|------------------------|-----|-------|-------------|
|   | 8 mm      | 46.00 Kg.              | 450 | 33.50 | 29.00       |
|   | 10 mm     | 90.00 Kg.              | 450 | 27.00 | 45.00       |
|   | 12 mm     | 138.00 Kg.             | 400 | 22.50 | 65.00       |
|   | 14 mm     | 166.00 Kg.             | 350 | 19.00 | 89.00       |
|   | 16 mm     | 253.00                 | 300 | 16.50 | 116.00      |

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.

| <b>Dimension ( Approx.)</b> | Length | Width | Height |
|-----------------------------|--------|-------|--------|
|                             | 27'2"  | 7'5"  | 7'3"   |

**Weight ( Approx.)** 5400 Kgs. ( Approx.)

## ROPE MAKING MACHINE 8 MM TO 16 MM SV/R-8C

### TECHNICAL SPECIFICATIONS

|                             |                     |
|-----------------------------|---------------------|
| <b>Machine Description</b>  | Rope Making Machine |
| <b>Model</b>                | SV/R-8C             |
| <b>No.of Strand ( Ply )</b> | 4 Strand ( 4 Ply )  |

|  |  |
|--|--|
| <b>Rope Range</b>                        | 8 MM TO 16 MM  |
| <b>Strand Flyer Speed</b>                | 900 RPM (Maximum)  |
| <b>Rope Flyer Speed</b>                  | 450 RPM  |
| <b>Twist Per Minute</b>                  | Twice the Flyer Speed                                    |
| <b>Rope Lay</b>                          | S & Z  |
| <b>Twist Range</b>                       | 15 to 45 TPM   |
| <b>Twist in Strand</b>                   | Adjustable   |
| <b>Drive</b>                             | ' V " Belt & Timing Belt                                 |
| <b>Pay of Packages ( Feeding Bobbin)</b> | 4 x 12 = 48 ( 250 mm Dia x 250 mm Tra x 38 mm Hole )     |
| <b>Motor</b>                             | 20 HP A.C.   |
| <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 Doors with Limit Switches</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)           |
| <b>On/Off Switches</b>                   | Provided in different Places for Speedy & Easy operation |

| <b>Production Capacity (on 100% Efficiency)</b> | Rope Size | Production (Kg. / hr.) | RPM | TPM   | Grm. / MTr. |
|---|-----------|------------------------|-----|-------|-------------|
|   | 8 mm      | 46.00 Kg.              | 450 | 33.50 | 29.00       |
|   | 10 mm     | 90.00 Kg.              | 450 | 27.00 | 45.00       |
|   | 12 mm     | 138.00 Kg.             | 400 | 22.50 | 65.00       |
|   | 14 mm     | 166.00 Kg.             | 350 | 19.00 | 89.00       |
|   | 16 mm     | 253.00                 | 300 | 16.50 | 116.00      |

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.

| <b>Dimension ( Approx.)</b> | Length | Width | Height |
|-----------------------------|--------|-------|--------|
|                             | 27'2"  | 7'5"  | 7'3"   |

Weight ( Approx.)

4900 Kgs. ( Approx.)

# ROPE MAKING MACHINE 8 MM TO 16 MM SV/R-8D

## TECHNICAL SPECIFICATIONS

|   |  |
|---|--|
| <b>Machine Description</b>                      | Rope Making Machine                                      |
| <b>Model</b>                                    | SV/R-8D  |
| <b>No.of Strand ( Ply )</b>                     | 4 Strand ( 4 Ply )                                       |
| <b>Rope Range</b>                               | 8 MM TO 16 MM  |
| <b>Strand Flyer Speed</b>                       | 900 RPM (Maximum)  |
| <b>Rope Flyer Speed</b>                         | 450 RPM  |
| <b>Twist Per Minute</b>                         | Twice the Flyer Speed                                    |
| <b>Rope Lay</b>                                 | Z  |
| <b>Twist Range</b>                              | 15 to 45 TPM   |
| <b>Twist in Strand</b>                          | Adjustable   |
| <b>Drive</b>                                    | ' V " Belt & Timing Belt                                 |
| <b>Pay of Packages ( Feeding Bobbin)</b>        | 4 x 16 = 64 ( 250 mm Dia x 250 mm Tra x 38 mm Hole )     |
| <b>Motor</b>                                    | 20 HP A.C.   |
| <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 Doors with Limit Switches</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)           |
| <b>On/Off Switches</b>                          | Provided in different Places for Speedy & Easy operation |
| <b>Production Capacity (on 100% Efficiency)</b> |  |

Rope

Production

RPM

TPM

Grm. /

| Size  | (Kg. / hr.) |     |       | MTr.   |
|-------|-------------|-----|-------|--------|
| 8 mm  | 46.00 Kg.   | 450 | 33.50 | 29.00  |
| 10 mm | 90.00 Kg.   | 450 | 27.00 | 45.00  |
| 12 mm | 138.00 Kg.  | 400 | 22.50 | 65.00  |
| 14 mm | 166.00 Kg.  | 350 | 19.00 | 89.00  |
| 16 mm | 253.00      | 300 | 16.50 | 116.00 |

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 |
|--------|-------|--------|
| 27'2"  | 7'5"  | 7'3"   |

**Weight ( Approx.)**

4900 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.