ROPE MAKING MACHINE 16 MM TO 32 MM SV/R-16A



TECHNICAL SPECIFICATIONS

|  |  |
| --- | --- |
| **Machine Description** | Rope Making Machine |
| **Model** | SV/R-16A |
| **No.of Strand ( Ply )** | 3 Strand ( 3 Ply ) |
| **Rope Range** | 16 MM TO 32 MM |
| **Strand Flyer Speed** | 400 RPM (Maximum) |
| **Rope Flyer Speed** | 200 RPM (Maximum) |
| **Twist Per Minute** | Twice the Flyer Speed |
| **Rope Lay** | S and Z |
| **Twist Range** | 6 to 25 TPM |
| **Twist in Strand** | Adjustable |
| **Drive** | ' V " Belt & Timing Belt |
| **Pay of Packages ( Feeding Bobbin)** | 3 x 24 = 72 ( 250 mm Dia x 250 mm Tra x 38 mm Hole ) |
| **Motor** | 20 HP AC |
| **Gear Box** | Standard make |
| **A.V.M.Pads** | For Vibration free smooth Working |
| **Sliding Cover** | For Safety & Quick Operation |
| **Auto Cut off System** | Preventing Raw-Material Wastage |
| **Balancing** | Electronically Balanced |
| **On/ Off Switches** | Fitted on different places for easy & speedy operation |
| **Take Up System** | Bobbin Filling |
| **Take up Capacity** | 110 Kg ( 810 mm dia x 525 mm Tra. x 60 mm Hole) |
| **Production Capacity(on 100% Efficiency)** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rope Size | Production(Kg. / hr.) | RPM | TPM | Grm. / MTr. |
| 16 mm | 96.00 Kg. | 200 | 16.50 | 115 |
| 18 mm | 135.00 Kg. | 200 | 15.00 | 140 |
| 20 mm | 150.00 Kg. | 190 | 13.50 | 180 |
| 22 mm | 180.00 Kg. | 190 | 12.10 | 220 |
| 24 mm | 220.00 Kg. | 180 | 11.00 | 265 |
| 26 mm | 350.00 Kg. | 180 | 10.50 | 300 |
| 28 mm | 375.00 Kg. | 175 | 09.50 | 350 |
| 30 mm | 425.00 Kg. | 165 | 09.00 | 400 |
| 32 mm | 475.00 Kg. | 165 | 08.50 | 470 |

 |
| The figures as above are based on three strand Monofilament rope of medium lay and an efficience - on 100% , Varies depends upon Raw-Material & TPM selected. |
| **Dimension ( Approx.)** |

|  |  |  |
| --- | --- | --- |
| Length | Width | Height |
| 34'5" | 7'2" | 7'3" |

 |
| **Weight ( Approx.)** | 6500 Kgs. ( Approx.) |

ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-16B

TECHNICAL SPECIFICATIONS

|  |  |
| --- | --- |
| **Machine Description** | Rope Making Machine |
| **Model** | SV/R-16B |
| **No.of Strand ( Ply )** | 3 Strand ( 3 Ply ) |
| **Rope Range** | 16 MM TO 32 MM |
| **Strand Flyer Speed** | 400 RPM (Maximum) |
| **Rope Flyer Speed** | 200 RPM (Maximum) |
| **Twist Per Minute** | Twice the Flyer Speed |
| **Rope Lay** | S and Z |
| **Twist Range** | 6 to 25 TPM |
| **Twist in Strand** | Adjustable |
| **Drive** | ' V " Belt & Timing Belt |
| **Pay of Packages ( Feeding Bobbin)** | 3 x 28 = 84 ( 250 mm Dia x 250 mm Tra x 38 mm Hole ) |
| **Motor** | 20 HP AC |
| **Gear Box** | Standard make |
| **A.V.M.Pads** | For Vibration free smooth Working |
| **Sliding Cover** | For Safety & Quick Operation |
| **Auto Cut off System** | Preventing Raw-Material Wastage |
| **Balancing** | Electronically Balanced |
| **On/ Off Switches** | Fitted on different places for easy & speedy operation |
| **Take Up System** | Bobbin Filling |
| **Take up Capacity** | 110 Kg ( 810 mm dia x 525 mm Tra. x 60 mm Hole) |
| **Production Capacity(on 100% Efficiency)** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rope Size | Production(Kg. / hr.) | RPM | TPM | Grm. / MTr. |
| 16 mm | 96.00 Kg. | 200 | 16.50 | 115 |
| 18 mm | 135.00 Kg. | 200 | 15.00 | 140 |
| 20 mm | 150.00 Kg. | 190 | 13.50 | 180 |
| 22 mm | 180.00 Kg. | 190 | 12.10 | 220 |
| 24 mm | 220.00 Kg. | 180 | 11.00 | 265 |
| 26 mm | 350.00 Kg. | 180 | 10.50 | 300 |
| 28 mm | 375.00 Kg. | 175 | 09.50 | 350 |
| 30 mm | 425.00 Kg. | 165 | 09.00 | 400 |
| 32 mm | 475.00 Kg. | 165 | 08.50 | 470 |

 |
| The figures as above are based on three strand Monofilament rope of medium lay and an efficience - on 100% , Varies depends upon Raw-Material & TPM selected. |
| **Dimension ( Approx.)** |

|  |  |  |
| --- | --- | --- |
| Length | Width | Height |
| 35' 5" | 7' 2" | 7' 3" |

 |
| **Weight ( Approx.)** | 7000 Kgs. ( Approx.) |

ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-16C

TECHNICAL SPECIFICATIONS

|  |  |
| --- | --- |
| **Machine Description** | Rope Making Machine |
| **Model** | SV/R-16C |
| **No.of Strand ( Ply )** | 4 Strand ( 4 Ply ) |
| **Rope Range** | 16 MM TO 32 MM |
| **Strand Flyer Speed** | 400 RPM (Maximum) |
| **Rope Flyer Speed** | 200 RPM (Maximum) |
| **Twist Per Minute** | Twice the Flyer Speed |
| **Rope Lay** | S and Z |
| **Twist Range** | 6 to 25 TPM |
| **Twist in Strand** | Adjustable |
| **Drive** | ' V " Belt & Timing Belt |
| **Pay of Packages ( Feeding Bobbin)** | 4 x 24 = 96 ( 250 mm Dia x 250 mm Tra x 38 mm Hole ) |
| **Motor** | 20 HP AC |
| **Gear Box** | 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 |
| **On/ Off Switches** | Fitted on different places for easy & speedy operation |
| **Take Up System** | Bobbin Filling |
| **Take up Capacity** | 110 Kg ( 810 mm dia x 525 mm Tra. x 60 mm Hole) |
| **Production Capacity(on 100% Efficiency)** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rope Size | Production(Kg. / hr.) | RPM | TPM | Grm. / MTr. |
| 16 mm | 96.00 Kg. | 200 | 16.50 | 115 |
| 18 mm | 135.00 Kg. | 200 | 15.00 | 140 |
| 20 mm | 150.00 Kg. | 190 | 13.50 | 180 |
| 22 mm | 180.00 Kg. | 190 | 12.10 | 220 |
| 24 mm | 220.00 Kg. | 180 | 11.00 | 265 |
| 26 mm | 350.00 Kg. | 180 | 10.50 | 300 |
| 28 mm | 375.00 Kg. | 175 | 09.50 | 350 |
| 30 mm | 425.00 Kg. | 165 | 09.00 | 400 |
| 32 mm | 475.00 Kg. | 165 | 08.50 | 470 |

 |
| The figures as above are based on three strand Monofilament rope of medium lay and an efficience - on 100% , Varies depends upon Raw-Material & TPM selected. |
| **Dimension ( Approx.)** |

|  |  |  |
| --- | --- | --- |
| Length | Width | Height |
| 34' 5" | 7' 2" | 7' 3" |

 |
| **Weight ( Approx.)** | 7500 Kgs. ( Approx.) |

ROPE MAKING MACHINE 12 MM TO 25 MM SV/R-16D

TECHNICAL SPECIFICATIONS

|  |  |
| --- | --- |
| **Machine Description** | Rope Making Machine |
| **Model** | SV/R-16D |
| **No.of Strand ( Ply )** | 4 Strand ( 4 Ply ) |
| **Rope Range** | 16 MM TO 32 MM |
| **Strand Flyer Speed** | 400 RPM (Maximum) |
| **Rope Flyer Speed** | 200 RPM (Maximum) |
| **Twist Per Minute** | Twice the Flyer Speed |
| **Rope Lay** | S and Z |
| **Twist Range** | 6 to 25 TPM |
| **Twist in Strand** | Adjustable |
| **Drive** | ' V " Belt & Timing Belt |
| **Pay of Packages ( Feeding Bobbin)** | 4 x 24 = 96 ( 250 mm Dia x 250 mm Tra x 38 mm Hole ) |
| **Motor** | 30 HP AC |
| **Gear Box** | 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 |
| **On/ Off Switches** | Fitted on different places for easy & speedy operation |
| **Take Up System** | Bobbin Filling |
| **Take up Capacity** | 110 Kg ( 810 mm dia x 525 mm Tra. x 60 mm Hole) |
| **Production Capacity(on 100% Efficiency)** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rope Size | Production(Kg. / hr.) | RPM | TPM | Grm. / MTr. |
| 16 mm | 96.00 Kg. | 200 | 16.50 | 115 |
| 18 mm | 135.00 Kg. | 200 | 15.00 | 140 |
| 20 mm | 150.00 Kg. | 190 | 13.50 | 180 |
| 22 mm | 180.00 Kg. | 190 | 12.10 | 220 |
| 24 mm | 220.00 Kg. | 180 | 11.00 | 265 |
| 26 mm | 350.00 Kg. | 180 | 10.50 | 300 |
| 28 mm | 375.00 Kg. | 175 | 09.50 | 350 |
| 30 mm | 425.00 Kg. | 165 | 09.00 | 400 |
| 32 mm | 475.00 Kg. | 165 | 08.50 | 470 |

 |
| The figures as above are based on three strand Monofilament rope of medium lay and an efficience - on 100% , Varies depends upon Raw-Material & TPM selected. |
| **Dimension ( Approx.)** |

|  |  |  |
| --- | --- | --- |
| Length | Width | Height |
| 34'5" | 7'2" | 7'3" |

 |
| **Weight ( Approx.)** | 6500 Kgs. ( Approx.) |

FEATURES

 A/C Drive.

 Additional driving mechanism at pay off side to pull yarn from bobbin.

 Digital length counter meter

 Door Sensor

 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 acommodate as per customer requirement.

 We reserve the right to change details /specifications / equipment without any prior notice.

All Rights Reserved by Shakti Vijay Machinery Co.