

## Screens For Quarry and Mining Industries



Works Address :  
R-342, TTC Industrial Area, M.I.D.C.,  
Thane Belapur Road, Rabale,  
Navi Mumbai - 400 701.

Contact : Ashok Jain (Cell.: 98201 05067)  
Tel. off. : 2769 1505 • Fax.: 2769 2179  
E-mail : [wiremeshindia@gmail.com](mailto:wiremeshindia@gmail.com)  
Web. : [www.wiremesh.co.in](http://www.wiremesh.co.in)

# WOVEN MESH SCREENS

## High Tensile and Stainless Steel

### Screens from stock

Mahaveera Industries stock a complete range of mesh sizes which can be promptly cut and hooked to your requirements.

Overnight deliveries are possible on stock items if ordered early enough in the day.

Special items not in stock will be promptly manufactured to your requirements.



*Woven mesh rotary screens*

### Wire Mesh Screens

We weave a full range of square and slotted or elongated meshes in all screen sizes.

These screens can be supplied with raw edges, hooked or curved into Trommel-type rotary screens.



*Standard hooked high tensile woven wire screen*

### Materials for Industrial Wire Screens

(Specifications refer to 1 - 10 mm wire diameter [Tata Wire / Usha Martin])

Mahaveera Industries take pride in making woven mesh to the highest standards.

We always ensure that the highest quality high tensile and high carbon stainless steel wire is used in our screens.

Quality down to the smallest detail in production is extremely important to us.

Great care is taken right from the start- from crimping the wire to weaving, cutting to size and finally hooking the screens.



### Austenitic, Stainless Steels

Stainless Steel 1.4301 (AISI 304) and 1.4401 (AISI 316) has a smooth surface with good corrosion resistance qualities. The tensile strength is about 600 - 1200 MPa, the elasticity is low.

# WOVEN MESH SCREENS



*Wire weaving machine in operation*

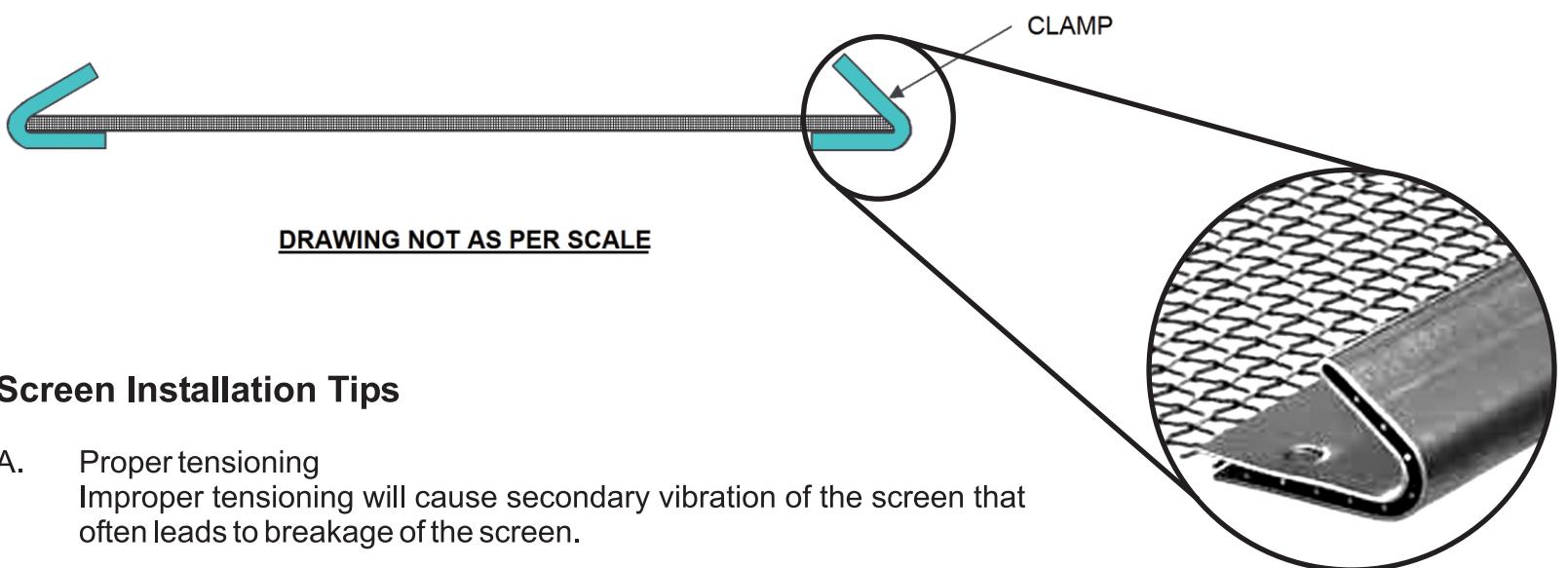
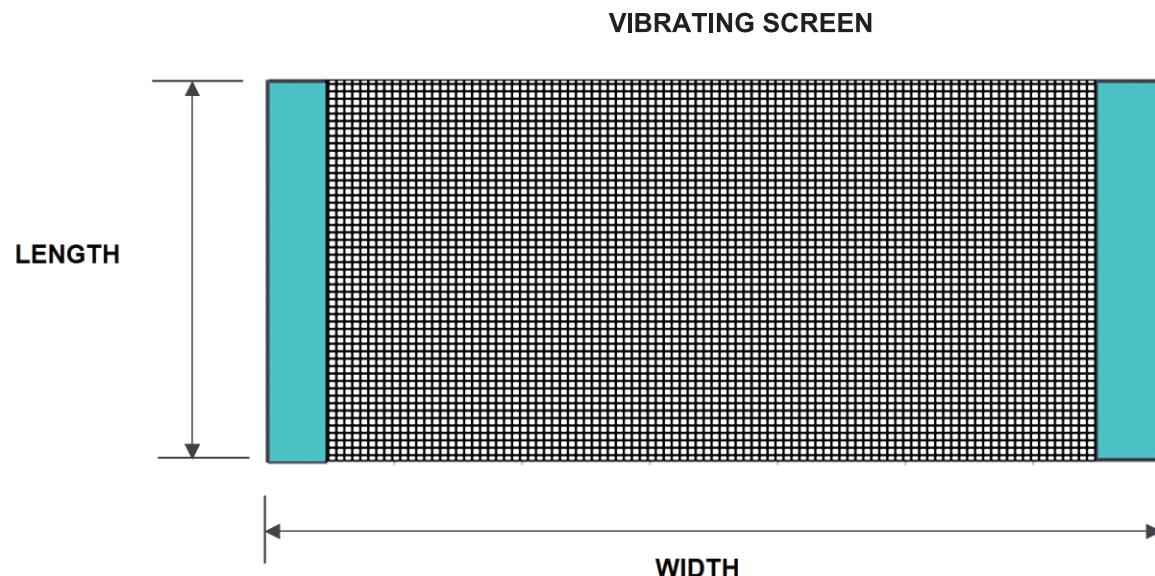


## Popular square mesh sizes

Please note we are not limited to the mesh listed below.

| Mesh size<br>in mm | Wire<br>diameter in mm |
|--------------------|------------------------|
| 2                  | 1.25                   |
| 2.5                | 1.2                    |
| 3.2                | 2 & 2.36               |
| 4                  | 2 & 2.65               |
| 5                  | 2.5 & 3                |
| 6                  | 3.2                    |
| 7                  | 3 & 4                  |
| 8                  | 3 & 4                  |
| 9                  | 4 & 5                  |
| 10                 | 4 & 5                  |
| 11                 | 4 & 5                  |
| 12                 | 4 & 5                  |
| 13                 | 4 & 5                  |
| 14                 | 4 & 5                  |
| 15.5               | 4, 5 & 6.35            |
| 16                 | 4, 5 & 6.35            |
| 18                 | 5 & 6.35               |
| 19                 | 6.35                   |
| 21                 | 6.35                   |
| 22                 | 6.35 & 8               |
| 24                 | 6.35 & 8               |
| 25.4               | 6.35 & 8               |
| 28                 | 6.35 & 8               |
| 30                 | 6.35, 8 & 9.5          |
| 35                 | 8 & 9.5                |
| 38                 | 8 & 9.5                |
| 40                 | 8                      |
| 42                 | 8 & 9.5                |
| 45                 | 8, 9.5 & 10            |
| 50                 | 9.5 & 10               |
| 55                 | 9.5 & 10               |
| 60                 | 9.5 & 10               |
| 65                 | 9.5 & 10               |
| 70                 | 9.5 & 10               |
| 73                 | 12                     |
| 82                 | 12                     |
| 100                | 12                     |
| 125                | 12                     |

## How to Specify Vibrating Screen



### Screen Installation Tips

#### A. Proper tensioning

Improper tensioning will cause secondary vibration of the screen that often leads to breakage of the screen.

#### B. Tensioning method of the screen

Use of hooks for proper tensioning of the screen is recommended. Note that stretching the screen flat significantly affects its service life.

#### C. Proper arc of support bars

Support bars must be arranged in a proper arc shape. Otherwise, tensioning of the screen comes to be uneven, leading to breakage of the screen.

#### D. Constant tensioning

During operation, as the screen may become loose due to stretching and loosening of the hooks, it is important to check the screen, and retighten the hooks.

Works Address :  
R-342, TTC Industrial Area, M.I.D.C.,  
Thane Belapur Road, Rabale,  
Navi Mumbai - 400 701.

Screens for  
Quarry and  
Mining Industries

Contact : Ashok Jain (Cell.: 98201 05067)  
Tel. off. : 2769 1505 • Fax.: 2769 2179  
E-mail : [wiremeshindia@gmail.com](mailto:wiremeshindia@gmail.com)  
Web. : [www.wiremesh.co.in](http://www.wiremesh.co.in)