

*STM Machine has successfully proven to be a state of the art technology within the last 16 years!*

*VINCENT INDUSTRIE's (VI), worldwide known equipment perfectly combine performance, quality and price.*



## Stripping Machine (STM)

The STM machine has been designed for your manufacturing projects of copper bars ready-to-install in power generators



### Quality

VI machines take into account the industry's most drastic reliability regulations.

With VINCENT INDUSTRIE, you will benefit from our products quality, all the expertise of a specialized machinery company and our 35 years extensive know-how in the field of industrial processes.

### Performance

VI designs only top technology equipment and constantly updates innovating features to our new machines. A token of reliability and performance only VI can assure.

### Reliability

Top energy market leaders rely on with over 300 hundred machines all around the world. VI can also take care of installing equipment, training your employees and maintaining all our products in order to ensure an optimal usage.

This machine robustness is a guaranty of longevity.

### Flexibility

Every VI machine is adaptable to better suit our client's needs and to perfectly incorporate into your workshop.

### STM Machine

It is the 1<sup>st</sup> link in the chain of an automated manufacturing line for power generator bars. Manufacturing process automation increases precision and productivity in addition to a far better production control at every step.

### Functioning

It is capable of derolling, straightening and stripping conductors/wires in order to assemble copper bars in accordance with pre-established parameters. We encourage you to check "Pulling" and "Double Roll" options so as to increase production levels and production accuracy.

### Main advantages

- Motorized Dereeler avoiding conductors to be stressed and therefore keep its quality during the whole derolling process;
- Stripping entirely or partially automated allowing strong manufacturing flexibility and proven with a large range of products.

# SPECIFICATIONS

## Dimensions

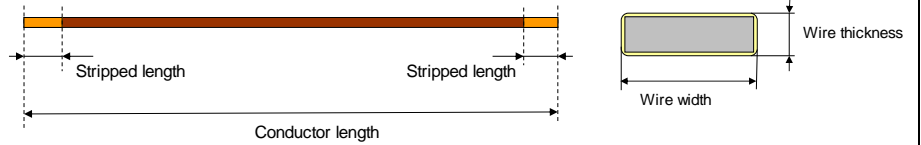
Machine type		5 000	12 000	14 000
Installed with output (L x l x H)	[m]	7,5 x 3,5 x 2,6	7,5 x 3,5 x 2,6	7,5 x 3,5 x 2,6
Installed with output (L x l x H)	[m]	12,5 x 3,5 x 2,6	19,5 x 3,5 x 2,6	21,5 x 3,5 x 2,6

## Technical specifications

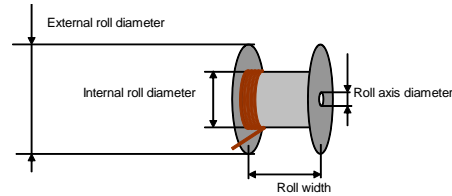
Conductor thickness	[mm]	1 – 4	1 – 4	1 – 4
Conductor width	[mm]	4 – 15	4 – 15	4 – 15
Conductor length	[mm]	400 – 5000	400 – 12000	400 – 14000
Stripped length on each end	[mm]	60 – 500	60 – 500	60 – 500
Stripping speed	[mm/s]	50 – 140	50 – 140	50 – 140
Fast moving speed	[mm/s]	100 - 1400	100 - 1400	100 - 1400
Cycle time	[s]	10 – 15	10 – 20	10 – 25
Average adjustment time	[min]	5 – 25	5 – 25	5 – 25
Weight with output	[T]	4	4	4
Weight without output	[T]	6	9	10
Roll ( Ø ext / Ø int / Ø axis)	[mm]	1000 / 300 / 500	1000 / 300 / 500	1000 / 300 / 500
Roll width Min – Max	[mm]	120 – 300	120 – 300	120 – 300
Roll weight Max	[kg]	500	500	500

## Main definition

### Stripping



### Roll



## CONTACT

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