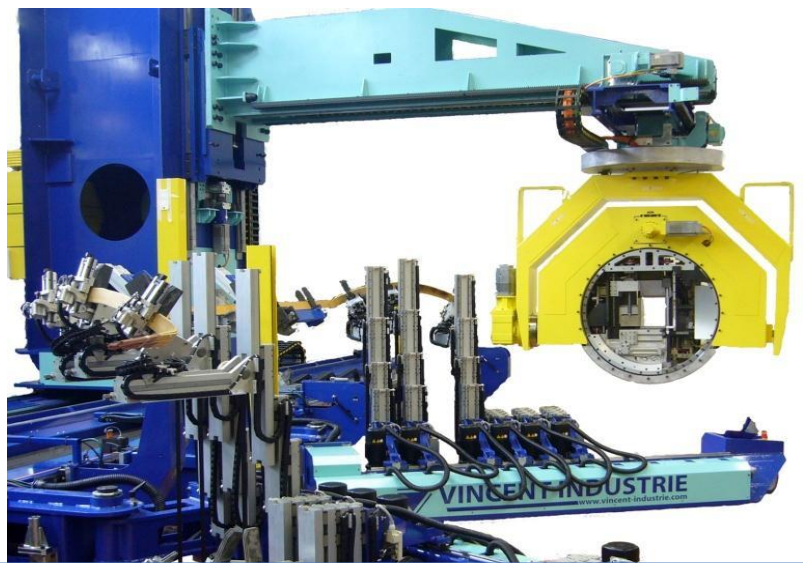


TBFM Machine has successfully proven to be a state of the art technology within the last 5 years!
VINCENT INDUSTRIE's (VI), worldwide known equipments perfectly combine performance, quality and price.



Turbo Bar Forming Machine 150x60 (TBFM)

The TBFM has been designed for your manufacturing projects of copper bars for 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.

TBFM Machine

It is the 3rd 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

Once the bar has been formed and insulated, it can be installed in a generator stator slot. The TBFM forms Turbo Bars in X, Y and Z axis with extreme accuracy. Bars dimensions are established according to your requirements.

Main advantages

- Unique machine on the market;
- Ideal for high level of bar production;
- 3D model of the bar and easy integration in the machine software ;
- Final product of extreme accuracy in considering copper elasticity ;
- Impressive production time to form bars. It means 2h are needed for forming, consolidating, cutting and brazing.

V2.3 – June 2014

CONTACT

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E-MAIL: info@gemo-tec.com

GEMO-TEC LTD

Rothusstrasse, 23
CH-6331, Hünenberg, Switzerland

SPECIFICATIONS

Dimensions

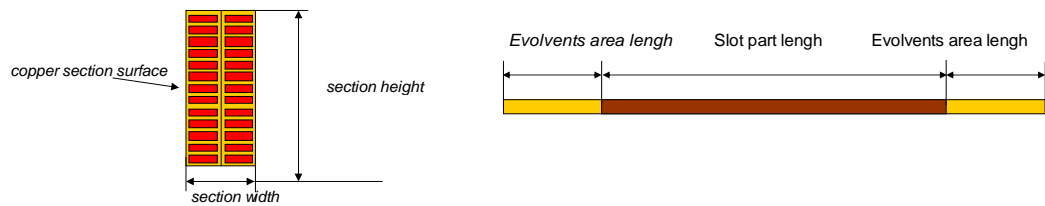
Machine (Example)		12000	13000	14000
Installed (L x W x H)	[m]	18,6 x 9,1 x 5,2	18,6 x 9,1 x 5,2	19,6 x 9,1 x 5,2

Technical specifications (Min – Max)

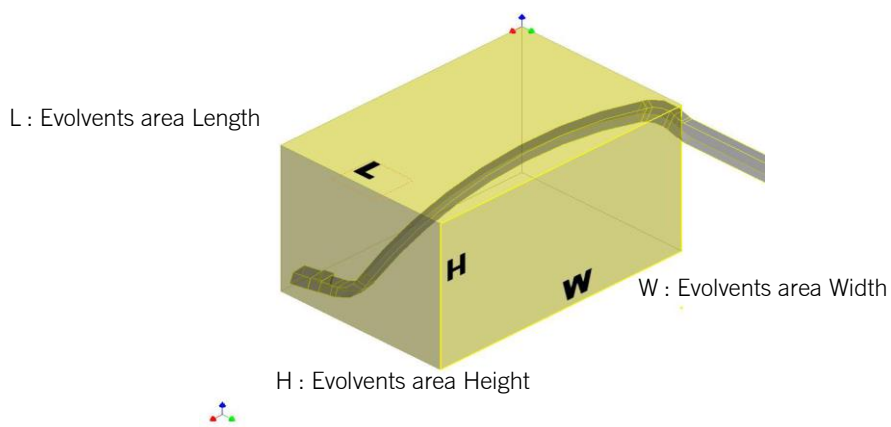
Section height (H)	[mm]	30 - 150	30 - 150	30 - 150
Section width (W)	[mm]	10 – 60	10 – 60	10 – 60
Copper section surface	[mm ²]	300 – 6000	300 – 6000	300 – 6000
Tool radius	[mm]	60 - 150	60 – 150	60 – 150
Bar length (L)	[mm]	2700 – 12000	2700 – 13000	2700 – 14000
Slot part length	[mm]	2400 - 10400	2400 – 11400	2400 – 12400
Evolvents area length (L)	[mm]	300 – 2100	300 – 2100	300 – 2100
Evolvents area width (W)	[mm]	300 – 1700	300 – 1700	300 – 1700
Evolvents area height (H)	[mm]	0 – 450	0 – 450	0 – 450
Cycle time	[min]	50	50	50
Average adjustment time	[min]	30 - 120	30 - 120	30 - 120 </td
Weight	[T]	25,5	25,5	26,5

Main definition

Section and stripping



Evolvents area



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