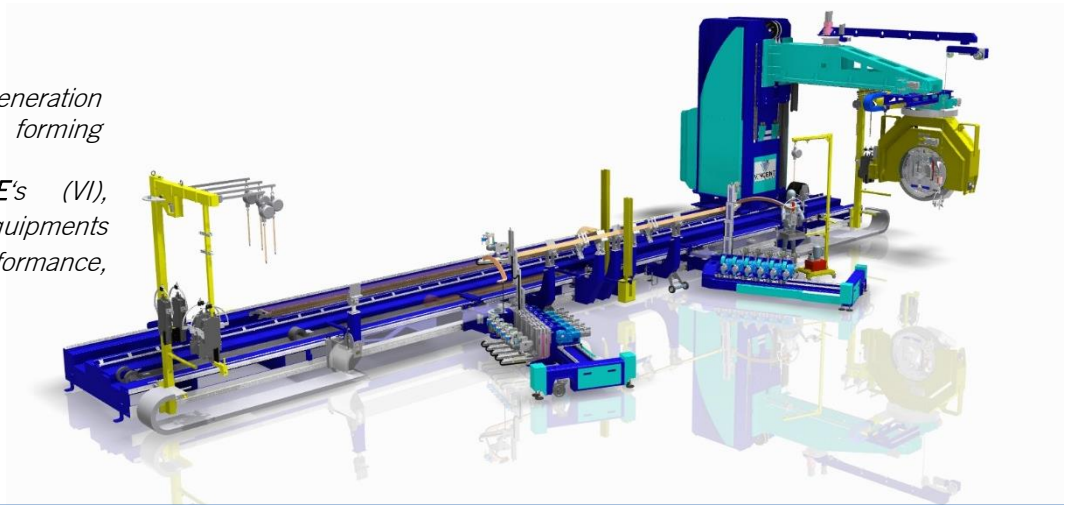


T&HBFM is a new generation machine capable of forming Turbo and Hydro bars. VINCENT INDUSTRIE's (VI), worldwide known equipments perfectly combine performance, quality and price.



Turbo & Hydro Bar Forming Machine 120x30 (T&HBFM)

The T&HBFM 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.

T&HBFM 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 T&HBFM 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 1h are needed for forming, consolidating, cutting and brazing.

V2.3 – June 2014

CONTACT

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SPECIFICATIONS

Dimensions

Machine (Example)		14000
Installed (L x W x H)	[m]	20.6 x 9 x 5

Technical specifications (Min – Max)

Type		Turbo	Hydro
Section height (H)	[mm]	30 - 120	30 - 120
Section width (W)	[mm]	10 - 30	10 - 30
Copper section surface	[mm ²]	300 - 3000	300 - 3000
Tool radius	[mm]	30 - 100	30 - 100
Bar length (L)	[mm]	1800 - 14000	1800 - 14000
Slot part length	[mm]	1200 - 12400	1200 - 12400
Evolvents area length (L)	[mm]	300 - 1350	300 - 650
Evolvents area width (W)	[mm]	300 - 1500	130 - 600
Evolvents area height (H)	[mm]	0 - 450	0 - 450
Cycle time <i>One bar side</i>	[min]	10 - 20	2,5 - 3
Average adjustment time	[min]	2 - 60	2 - 60
Poids	[T]	18	18

Main definition

Section and stripping	
Evolvents area	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><u>Turbo Bar:</u></p> </div> <div style="text-align: center;"> <p><u>Hydro Bar:</u></p> </div> </div> <p style="text-align: center;"> L: Evolvents area Length W: Evolvents area Width H: Evolvents area Height </p>

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