TIM is a new generation machine capable of taping coils semi automatically.

VINCENT INDUSTRIE’s (VI), worldwide known equipments perfectly combine performance, quality and price.

Table Insulating Machine (TIM)

TIM has been designed for your taping projects of copper coils for power and traction motors.

Quality
VI machines take into account the industry’s most drastic reliability regulations.
With VINCENT INDUSTRIE, you will beneficiate 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.

TIM Machine
It is the 3rd or 5th link in the chain of an automated manufacturing line for motors. Manufacturing process automation increases precision and productivity in addition to a far better production control at every step.

Functioning
The coil is placed on a motorized belt ensuring the accuracy of the taping and is guided with rollers fixed in the middle of the taping head. The, user will control the speed by the means of a pedal allowing a better adjustment of the taping quality.

Main advantages
- Price, low surface needed ;
- Ability to tape any kind of coils in the limit of the table length;
- High taping quality.
### SPECIFICATIONS

#### Dimensions

<table>
<thead>
<tr>
<th>Machine (Example)</th>
<th>1500</th>
<th>2000</th>
<th>2500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed (L x W x H) [mm]</td>
<td>1330 x 880 x 950</td>
<td>2000 x 1061 x 1000</td>
<td>2500 x 1061 x 1000</td>
</tr>
<tr>
<td>Table length [mm]</td>
<td>1330</td>
<td>2000</td>
<td>2500</td>
</tr>
</tbody>
</table>

#### Technical specifications (Min – Max)

**COIL**

- Max taped diagonal section [mm] 25 46 85
- Coil Width [mm] 100 150 230

**HEAD**

- Head outer radius [mm] 85 130 210
- Type [mm] Mechanical Mechanical Mechanical
- Head opening width [mm] 24 50 70
- Free space between tape rolls [mm] 50 90 170
- Constant taping tension [N] 10 - 60 10 - 60 10 - 60
- Taping angle [°] ± 15° ± 15° ± 15°
- Head rotating speed [RPM] 0 - 300 0 - 300 0 - 300
- Overlapping rate [%] 0 - 75 0 - 75 0 - 75

**TAPE**

- Tape outer Ø [mm] 60 80 115
- Tape inner Ø [mm] 25 25 25
- Tape width [mm] 20 20 / 25 20 / 25

### Main definition

#### Table

![Table Diagram](image)

#### Coil, section

![Coil Diagram](image)