GAMMA 333 PC-V FULLY AUTOMATIC CRIMPING MACHINE
A PROVEN, COST-EFFECTIVE, AND VERSATILE APPROACH TO LEAD-MAKING
The Gamma 333 PC-V is a versatile and cost-effective, fully automatic crimping machine that offers a variety of efficient processing capabilities to match a broad spectrum of customer requirements. The flexible design of the GAMMA 333 PC-V accommodates space for multiple processing stations in order to handle a wide variety of customer required applications. And, with its large wire processing range, the GAMMA 333 PC-V can accommodate cross sections up to 10 AWG with wire lengths up to 213 ft.

Proven Reliability.
The Gamma 333 PC-V is a versatile and cost-effective, fully automatic crimping machine that offers a variety of efficient processing capabilities to match a broad spectrum of customer requirements.
- Outstanding stability
- Robust and durable construction
- Reliable wire feed, cutting and depositing systems proven in the field
- Deliver of stable quality at high production output

Cost-Effectiveness Meets High Versatility.
Reduced changeover features combined with a flexible, layout helps make the GAMMA 333 PC-V a suitable choice for customers that want an efficient, cost effective lead-making solution. Its ergonomic design gives operators optimal accessibility from all sides, providing quicker, easier access to make adjustments. Other cost-effective features built-in include:
- Economy crimping press mci 711
- Established approach with well-proven stability
- Split-cycle function for closed barrels
- Crimping press options for enhanced production:
  - Terminal strip cutter
  - Air-feeder valve-set
  - Pressure regulator set
  - Terminal end monitoring
  - Crimp Force Analyzer (CFA)

Versatile Enough to Meet Your Needs.
The Gamma 333 PC-V is a versatile and cost-effective, fully automatic crimping machine that offers a variety of efficient processing capabilities to match a broad spectrum of customer requirements.
- Ergonomic layout with accessibility from all sides
- Protection cover opens upwards to provide fast access to the processing stations
- Terminal reels are positioned in the lower part of the machine
- Double-Crimp module (optional):
  - Select vertical or horizontal double crimps with one mouse click
  - Space-saving double gripper module can be mounted on side 2 instead of seal station
  - Cross-section range: 0.22 – 3mm²
### Technical Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Wire Cross Section(^1)</td>
<td>0.13 - 5mm(^2) (AWG 26 - AWG 10)</td>
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<tr>
<td>Insulation Diameter</td>
<td>Max. 5.1mm (0.20 in.)</td>
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<tr>
<td>Wire Length(^2)</td>
<td>60 - 65,000mm(^*) (2.36 in. - 213 ft.)</td>
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<tr>
<td>Stripping(^3)</td>
<td>0.1 - 15mm (0.004 - 0.59 in.)</td>
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<tr>
<td>Crimping Force</td>
<td>1 - 20 kN (224 - 4,496 lbf)</td>
</tr>
<tr>
<td>Number of process stations side 1/2</td>
<td>2/2</td>
</tr>
<tr>
<td>Noise Level</td>
<td>&lt; 75dB (without press)</td>
</tr>
<tr>
<td>Wire Drive System</td>
<td>Roller Drive</td>
</tr>
<tr>
<td>Max. wire feed speed/max. wire acceleration</td>
<td>6m/s (19.7 ft/s) / 40 m/s(^2) (131 ft/s(^2))</td>
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<tr>
<td>Electrical Connection</td>
<td>3 x 208-480V / 6kVA</td>
</tr>
<tr>
<td>Pneumatic Connection / air consumption</td>
<td>5-6 bar (73-87 psi) / 6.5 m(^3)/h (230 ft(^3)/h)</td>
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<tr>
<td>Weight</td>
<td>1,230kg (2649 lb)</td>
</tr>
<tr>
<td>Dimensions(^4) (W x L x H)</td>
<td>3,137 x 1,377 x 1,790 - 2,670mm (123.5 x 54.2 x 70.5 - 105.1 in.)</td>
</tr>
</tbody>
</table>

### Available Processes

- **Cutting**
  - Inket marking
- **Cut pulled strands**
- **Full strip**
- **Half strip**
- **Flat cable / notching**
- **Inner conductor processing**
- **Double sheath / coaxial and triaxial cables**
- **Intermediate strip**
- **Crimping**
- **Double crimping**
- **Split cycle for closed barrel**
- **Seal insertion**
- **Twisting / tinning**
- **Sleeve insertion**
- **Ferrule crimping**
- **MIL-crimp**
- **Wire end solidifying / splicing / welding**
- **Hot stamp marking**
- **Prefeeder / dereeler**
- **Wire infeed**
- **Wire deposit system**
- **Crimp and seal check**
- **Crimp force analyzer**
- **Integrated crimp height measurement**
- **Integrated pull-off force measurement**
- **Wire length correction**
- **Spark-tester / splice check**
- **Good and bad separation**
- **Sequence production**
- **Batch separation**
- **Networking**
- **Material change detection**
- **Wire changer**
- **Programmable crimp height**
Let’s Connect
To learn more about the Gamma 333 PC-V Fully Automatic Crimping Machine, or to learn more about our comprehensive bundle of tooling solutions, please visit us at www.tooling.te.com.

TE Technical Support Center
USA: 1.800.522.6752  UK: +44.0800.267666
Canada: 1.800.522.6752  France: +33.1.34.20.8686
Mexico: +52.55.11.06.0800  Netherlands: +31.73.624.6999
Latin/S. America +54.11.4733.2200  China: +86.400.820.6015
Germany: +49.6151.607.1999

Stronger, Smarter, More Reliable Applicator.
If you are looking to increase production and improve crimp consistency, consider adding an OCEAN applicator to your wire crimping process.

The OCEAN applicator’s flexible design is quickly adaptable to a wide variety of terminal configurations and features:
• Tool-less fine adjustment capabilities for wire & insulation crimps
• 3 feed options (mechanical, pneumatic, and servo)
• For additional information download catalog #4-1773460-5 from www.tooling.te.com.

Waste Not. Want Not.
Whether it’s time or scrap, in manufacturing everyone knows that waste costs money. With our on-site certification and consultation services, we can help you:
• Reduce downtime
• Reduce scrap
• Maintain crimp quality
• Improve manufacturing efficiency

Connect with us today to learn more.
• E-mail: fieldservicesnorthamerica@te.com
• Phone: 800-722-1111 or 717-986-3434
• For additional information download catalog #1-1307619-0 from www.tooling.te.com.

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