

BLISTER TOOLING & TABLET FEEDING EXPERTS



Blister Packaging

WE ARE INTEGRAL.

Blister Tooling

TEG offer a full solution when it comes to blister and cartooning tooling.

We supply tooling for all thermoforming and coldforming formats, for both continuous and intermittent lines. Change parts for Uhlmann, IMA, Marchesini, Noack, Mediseal, Ilseemann and many more.

TEG have been supplying blister tooling for over twenty years. We pride ourselves on providing innovative solutions in both tooling and feeding systems. We are industry experts in solid dose tablet feeding and are constantly developing our range of products to improve our customers line efficiency and productivity.

We also supply cartoner tooling for a wide variety of makes and models of machines.



Feeding

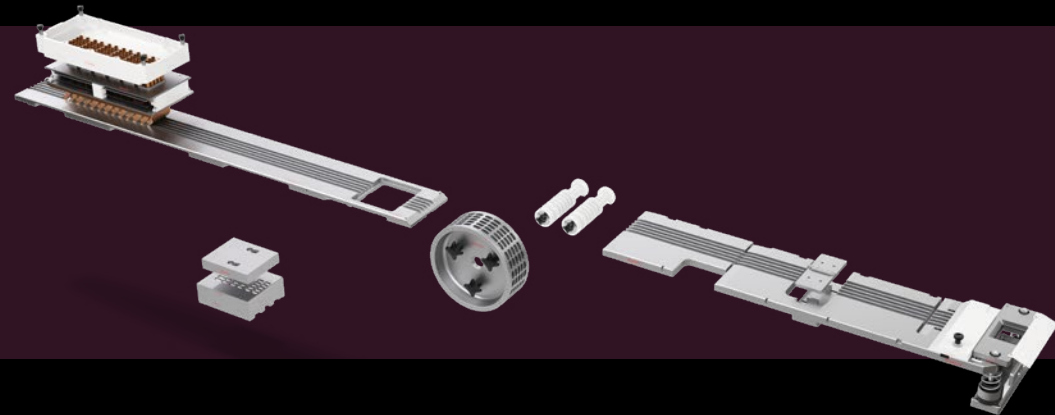
TEG are experts in tablet feeding and can help you determine what the best solution is for you

The feeding system is a critical part of any blister packaging line. It determines the output speed and efficiency of your production lines. Choosing the right solution for each and every product is crucial to cost efficient production.

If you have a difficult to feed product, a multiproduct blister or want to just improve your OEE, TEG can help.

TEG's team of dedicated feeding experts will help you determine what the best solution is for you. We supply feeding systems for both intermittent and continuous packaging lines and feeders for a wide range of materials such as Aluminium, PVC, PVDC, PP, APET and more.

Each feeder that leaves TEG is fully FAT tested to ensure the optimum performance of the feeder is reached and results shared with our customers.



Your problem...

- You are not getting good value for money with current tooling supplier.
- Your current suppliers quality is poor or inconsistent.
- You need tooling much faster than you are currently getting them.
- Your supplier's customer service is poor or unresponsive.
- You want to improve your OEE, but current supplier is inexperienced.
- Aluminium, PP or PVC blisters required.

Your benefits with TEG:

- Best value for money.
- Guaranteed high quality tooling.
- Fast tooling delivery.
- Highly skilled design engineers, providing innovative designs.
- We can design for Aluminium, PP, PVC, PVDC and more.
- 24 x 7 Technical Customer Support.

Suitable for:	Vertical Chute	Drum Feeder	Universal Brushbox	Gating Feeder
ColdForm (ALU/ALU)		✓		✓
Overlapping Pockets		✓	✓	✓
Fast Setup	✓			✓
Shingling Products (Round Biconvex)			✓	✓
Very High Speed Feeding	✓			✓
Multiple Product Feeding				✓
Compact Footprint Machine (200mm)				✓
Continuous Machines	✓	✓	✓	✓

WE ALSO MANUFACTURE FEEDING SYSTEMS FOR AMPULES AND VIALS, PLEASE GET IN CONTACT TO DISCUSS YOUR NEEDS.



NG Feeder

Increase your productivity by up to 100%

With our broad experience of gating Feeding systems and design capabilities we developed the Next Generation (NG) Feeding System.

The System includes a Bulk Hopper, Linear Vibrator, Drive Unit and Format Change Parts.

Using a gating system arrangement, the NG Feeder dispenses a single product in a blister under full control and at high speed.















Capacity: Max 50 cycles/min
Forming Area: 295 x 450

Benefits of the NG Feeder

- One model suitable for all web widths, provides greater flexibility of use between blister lines.
- Small dimensions enables three feeders to operate side by side on a standard length machine for multi product feeding.
- Needs only plant air and 240v supply.
- HDMI Touch screen control on a pendant controller allows adjustment to be made during operation. Multi language support.
- All tooling secured by pneumatic cylinders- more user friendly, practical and fast.
- GMP compliant/ CE marked with no fasteners than can fall off.
- Designed to accommodate double draw tooling that can feed 2 blisters index's at a time increasing productivity by up to 100%.
- Faster change over times in comparison to standard feeders meaning less down time.

The **NG feeder** can feed all standard products but also a wide range of difficult to feed products also:

01 	02 	03 
04 	05 	06 
07 	08 	09 
10 	11 	12 

PRODUCT SHAPES

1. Tablet flat
2. Tablet bi-convex
3. Sphere
4. Caplet bi-convex
5. Tablet oval bi-convex
6. Caplet flat
7. Special shape caplet
8. Rhombus bi-convex
9. Special shape rectangular
10. Soft gelatine capsule oblong
11. Soft gelatine capsule oval
12. Hard gelatine capsule

And many more.

NG feeder Specifications

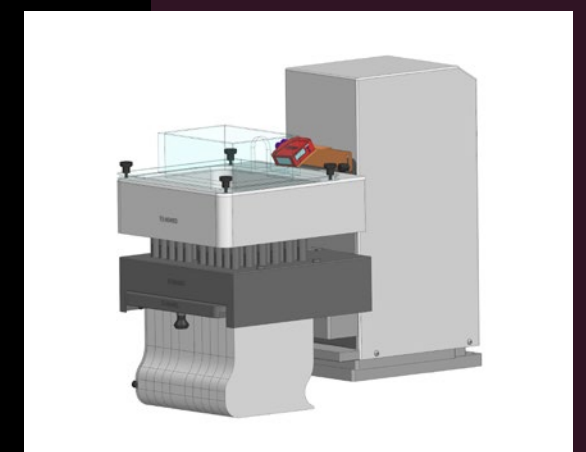
Dimensions: L200mm x D350mm x H505mm

Weight: 25kg

Performance – Feeding Capacity: 50 indexs/min

Max web width: 300mm

Max Web Index: 400mm



Packaging Design

TEG are experts in blister packaging design, whether that be thermoform or Coldform blisters.

Each blister is carefully designed by our dedicated team to ensure the optimum solution for you, always taking into account;



Optimum Forming

Using our experience and by working with material suppliers all blisters are designed to take into account many factors such as pocket geometry, material properties such as stretching to ensure no tearing or pin holes and many more.



Best Feeding Method

Each blister is designed with feeding in mind. We carefully analysis all aspects of the blister design such as tablet shape, make and model of the packaging line and current equipment to ensure whichever feeder is most suitable can be used, now or in the future.



Your Current Tooling

By taking into account your current tooling on site, TEG can help to reduce your new tooling costs and also help to reduce your format change over times by sharing tooling for your new format with existing tooling where possible.



Fill in our blister design form today and get a unique blister designed to your needs in as little as 24 hours, along with a quote for all necessary tooling.

Orbital Brush System

The Orbital brush system is used for brushing pharmaceutical products into pockets. It Can be used on all intermittent machines.



Features

- Orbiting Brush movement to encourage tablets into pockets.
- Fully Adjustable Rotation and Brushing speeds.
- Synchronised Brushing with Forming.
- Fully Adjustable Brush Height.
- Fast Brush Change over times.
- For use with all Intermittent Lines.
- Works with PVC, PP, Aclar, Alu/Alu.

Brush

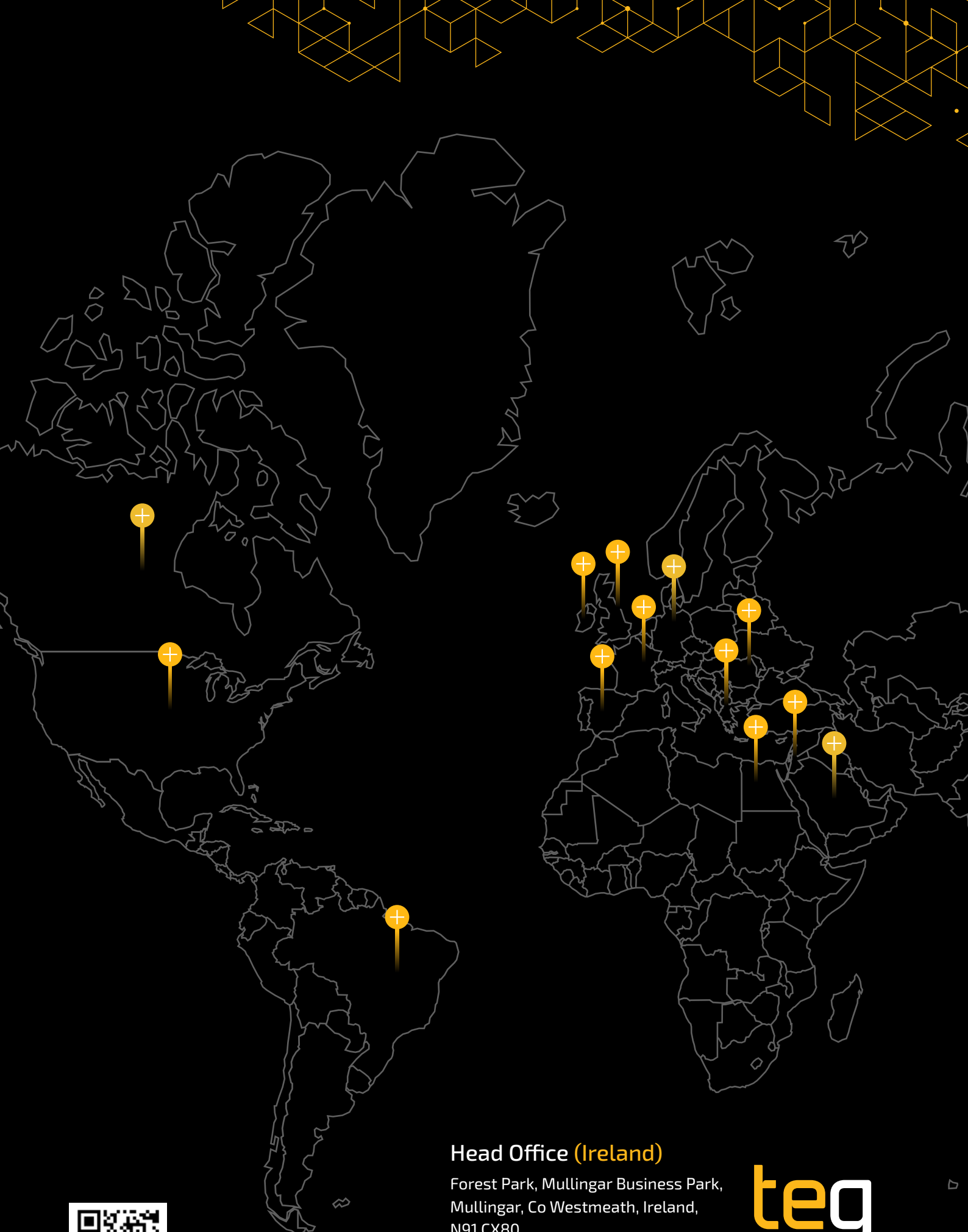
- FDA Approved Nylon Brush.
- Designed for fast changeover.
- New Brushes can be supplied from TEG next day.

WE ARE INTEGRAL

TEG was established in 2001 to service the needs of the pharmaceutical industry in Ireland. A strong work ethic and responsive service was recognised by customers in Ireland. Over the next 3-4 years, TEG became an approved vendor to all the pharmaceutical sites in Ireland. Introductions were made by satisfied Irish customers to colleagues in overseas sites of the same company. In 2006 TEG started exporting - initially to Germany and since then to over 35 countries.

The shareholders of TEG have never taken a dividend from the business since its establishment. Instead the focus has been on expanding the range of engineering capabilities available to meet customer needs. TEG is now a fully integrated engineering services company with state of the art equipment, software and highly trained people working to provide the best in class designs and product to a growing customer base.

TEG continues to grow, employing **120 people** in two facilities totalling **66,000 sq. ft.** The team is proud to provide critical engineering support to customers.



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