

FALCON evolution

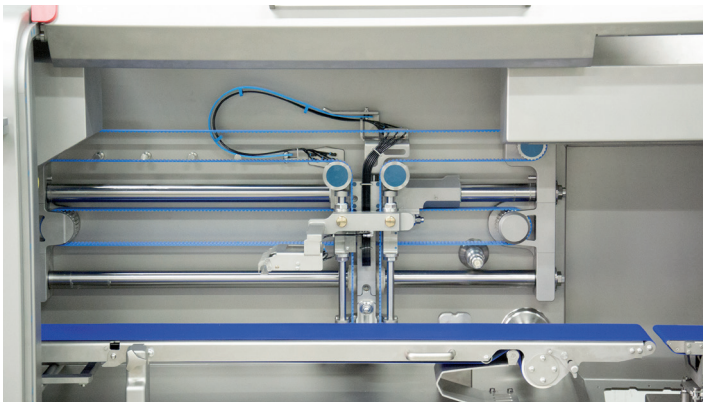


Unbeatable speed: portion cutting in the fast lane

High-speed cutting with extremely high throughput and continuously reliable **precision** – this is what the FALCON evolution stands for.

Based on nearly twenty years of experience in the area of cutting precisely weighed portions, TREIF developed the FALCON evolution which, compared to the previous model FALCON hybrid+, achieves a **massive increase in performance**. The unbeatable speed is especially due to the far-sighted **optimisation** of the individual processes.

A look into the machine (photo below) also shows a **revolutionary and unparalleled openness**. With this **Premium-Hygiene-Design**, the hygiene standard is reinterpreted.



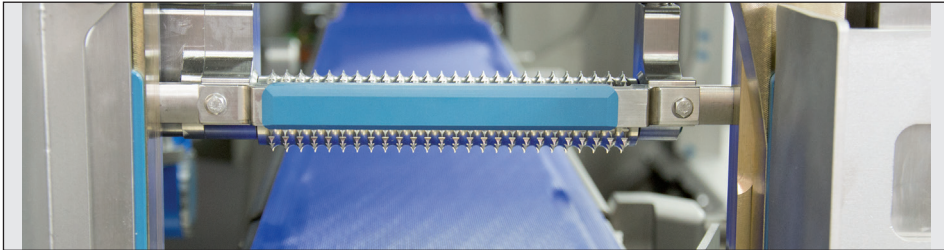
Technical data:

Max. cuts per minute (Theoretical maximum value)	550
Cross-section of product W x H (mm/inch)	depending on application, max. up to 260 x 180; 10 1/5" x 7 1/10"
Max. infeed length (mm/inch)	gripped: 800; 31 1/2"
Housing dimensions (mm/inch)	
Length with pre-belt without check weigher	4,422; 174" / depending on model max. 4,688; 185"
Length with check weigher and sorting station(s)	on request
Width / Height (mm/inch)	1,667 / 2,522; 65 3/5" / 99 3/10"
Connected load (kW)	10.3 without check weigher; 11.3 with check weigher
Applications	depending on product, up to -4 °C / 24.8 °F
Weight machine (50 Hz/60 Hz) with pre-belt, without portio- ning belt (kg/lb)	approx. 1,589; 3,503 depending on model max. 1,910; 4,211
Product specific accessories	on request





Maximum stability for maximum yield



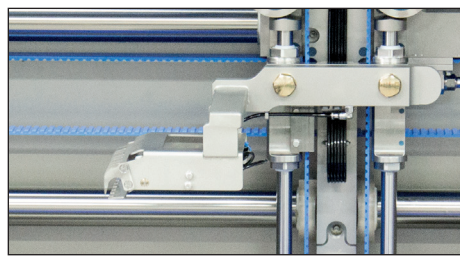
Sophisticated technology

A stable product is extremely important for cutting. No precision without absolute stability. No optimum yield without precision. The driven, contour-controlled TREIF downholder, along with the product gripper, is an important component

in regard to the precision, which provides a high degree of stability for the product during cutting. Thanks to highly modern technologies, the blades are guided along the product contours.



Premium: from cutting to cleaning



Cutting and inserting

The POWERLINE, i.e. the combination of FALCON evolution and innovative robot technology, provides you with a fully automated sorting and inserting method.

Light and easy

Reducing the functional parts and thus reducing the weight of the accessory parts facilitates the work of the operator significantly, like in this case with the product holder. This also offers significant advantages in terms of maintenance intensity.

Opening and cleaning

The opening mechanism contributes to the easy and quick cleaning of the FALCON evolution. The blade is guided safely between the two plates.

HEADQUARTERS:
TREIF Maschinenbau GmbH
Toni-Reifenhäuser-Str. 1
D-57641 Oberlahr
Phone +49 2685 944 0
Fax +49 2685 1025
E-Mail: info@treif.com

Further LOCATIONS:
TREIF U.K. Ltd.
Genesis House, Poole Hall Road
Poole Hall Industrial Estate
Ellesmere Port, GB-Cheshire CH66 1ST
Phone: +44 (0) 151 3506100
Fax: +44 (0) 151 3506101
E-Mail: treifuk@treif.com

TREIF USA Inc.
50 Waterview Drive, Suite 130
Shelton, CT 06484
Phone: +1 203 929 9930
Fax: +1 203 929 9949
E-Mail: treifusa@treif.com

Belgium

China

France

Italy

Russia

www.treif.com