

Form pressing

Hoegger[®]

X3

Highest yield with minimum operating costs





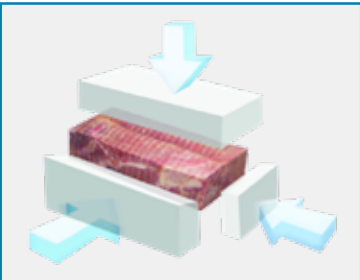
Smart technology – to ensure that the yield is right

Provisur's E3/X3 meat presses combines experience in form pressing with our improved dynamic press process, intelligent algorithms and latest technology servo drives. The machine types come in a modular range – customers can choose from simple, freestanding machines through to fully automated high-capacity production lines. The E3/X3 pushes yield, performance and ease of use to a new level.



Dynamic Pressing

- First Class pressing results regardless of the incoming product.
- Due to the machines' ability to significantly change the form of the products, lowest cost raw material can be purchased.
- Proven technology that reduces product cracking and muscle separation while keeping deep wrinkling to an absolute minimum.
- The dynamic flex range adjustment of >65 mm allows to run this wide range with the same die set.



Intelligent force control

- The three-dimensional, self adjusting position and force application allows for a controlled, gentle forming of the product. Therefore a maximum yield is guaranteed even when the incoming product is greatly deformed and requires major re-shaping.



Higher yield – lower give away

- Servo Process technology enables fast, precise drive-profiles and dynamic application of forces.
- Controlled compression maximizes yield and minimizes giveaway.



E3



X3i

User-Friendly

- Modern user management and audit trail ensure controlled, secure operator inputs.
- Easy to use assistants greatly support machine set up and process optimization.
- An intelligent message system guides the user in any situation.



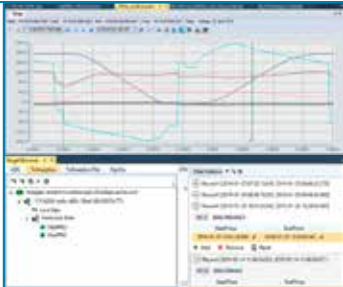
Fully Automated Press – Slice – Pack Process

- Versatile loading and unloading modules enable the press to be fully integrated into existing or new production lines.



Best-In-Class Control Technology

- As well as precise axis-control and a spacious ultra-modern HMI, the State of the Art control architecture provides an open and agile development platform for industry 4.0.
- Simple and fast remote access to the machine enables fault-diagnosis, supervised preventive maintenance and enhanced customer-service and support.



Smallest footprint – modular expandable

- There are three throughput-performance classes of Servo Pressing Technology. The throughput-classes differ only in cycles per minute. The pressing process is identical for all three.
- According to your needs, the basic machine can be upgraded or retro-fitted with an array of performance-enhancing options.
- Smallest footprint in the industry



Specification X3

SPECIFICATION	LOADING	E3	X3	X3i	APPLICATION
---------------	---------	----	----	-----	-------------

Performance* (Cycles/min.)

Low	manually	up to 6	up to 6	N/A	Bacon Belly Pork loin Pork neck Back bacon Beef Raw ham Smoked ham Misc.
	automatically	N/A	up to 7	up to 7	
Medium	manually	up to 8	up to 8	N/A	
	automatically	N/A	up to 11	up to 11	
High	manually	N/A	up to 8**	N/A	
	automatically	N/A	up to 15	up to 15	

Press chamber (in mm)

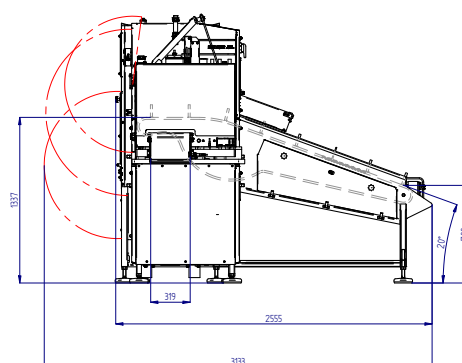
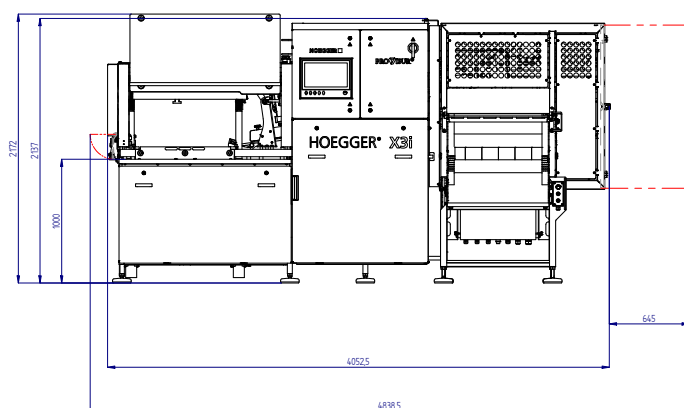
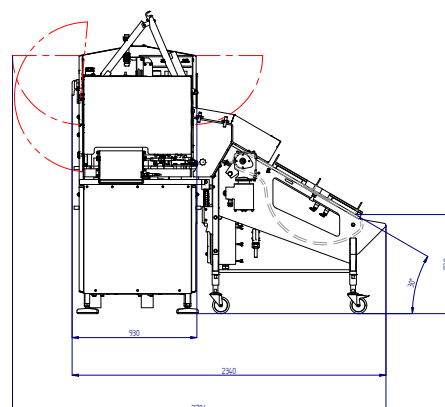
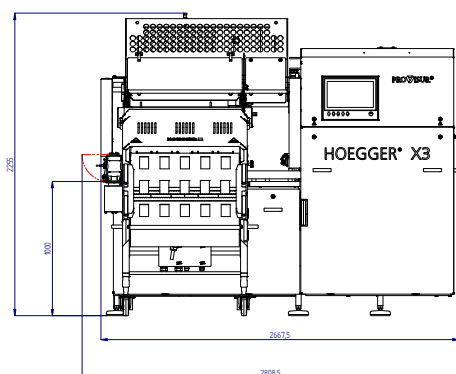
Length		770	770	770	
Width		320	320	320	
Height		150	150	150	

Options

Dynamic Pressing		✓	✓	✓	
APS / Remote Access		✓	✓	✓	
Automatic line integration		N/A	✓	✓	

* Depending on product and quality requirement

** limited by operator



Provisur Technologies GmbH

Magdenauerstrasse 34
9230 Flawil
Switzerland

Phone: +41 71 394 15 60
info@provisur.com

Corporate Headquarters

222 North LaSalle Street, Suite 720
Chicago, IL 60601
United States

Phone: +1 708 479 3500
info@provisur.com

Hoegger Food Technology Inc.

3555 Holly Lane N, Suite 10
Minneapolis, MN 55447
United States

Phone: +1 763 233 6930