PROVISUR® TECHNOLOGIES

Form pressing

Hoegger®

X3

Highest yield with minimum operating costs





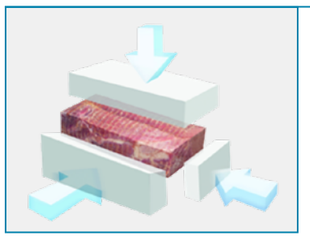
Smart technology – to ensure that the yield is right

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.



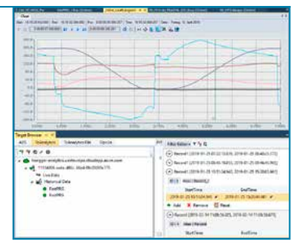
Fully Automated Press – Slice – Pack Process

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



Onboard OEE, Overall Equipment Effectiveness

- 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 in the industry

- 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.

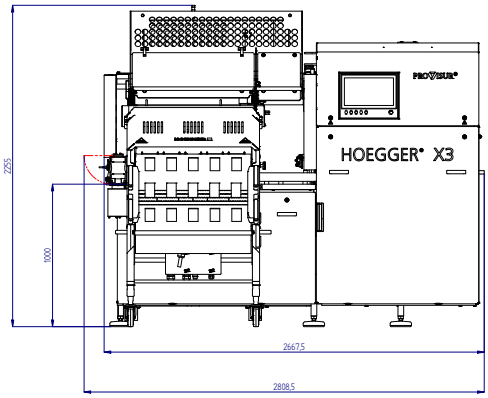


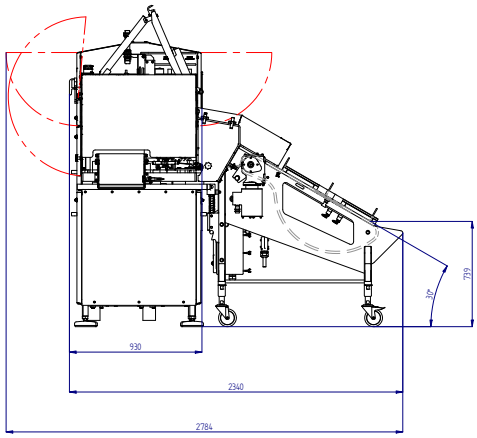
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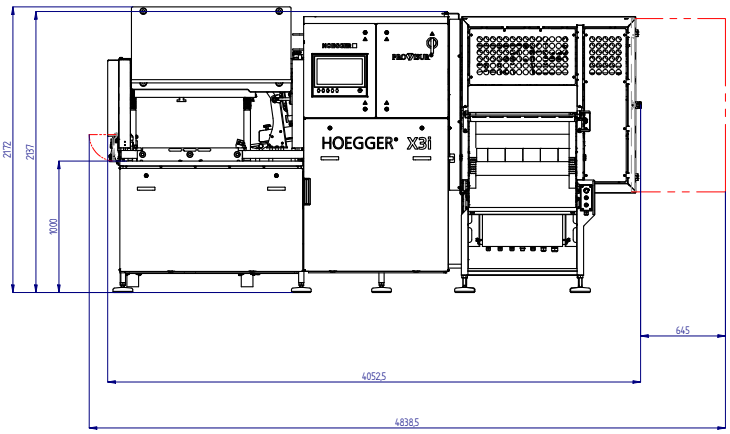
Specification X3

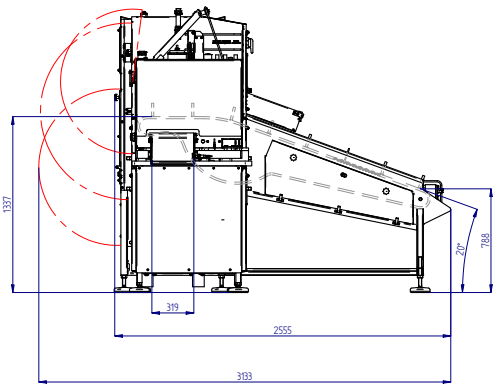
SPECIFICATION	LOADING	E3	X3	X3i	APPLICATION
Performance* (Cycles/min.)					
Low	manually	up to 6	up to 6	N/A	Bacon Belly Pork loin Pork neck Back bacon Beef Raw ham Smoked ham Misc.
	automatically	N/A	up to 7	up to 7	
Medium	manually	up to 8	up to 8	N/A	
	automatically	N/A	up to 11	up to 11	
High	manually	up to 8	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









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