

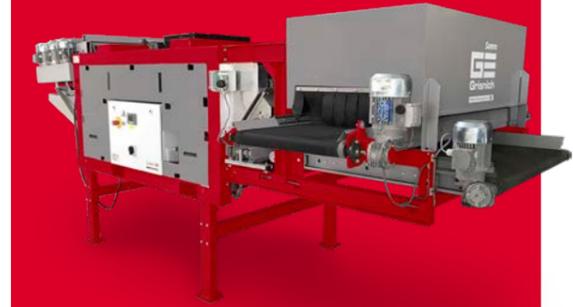
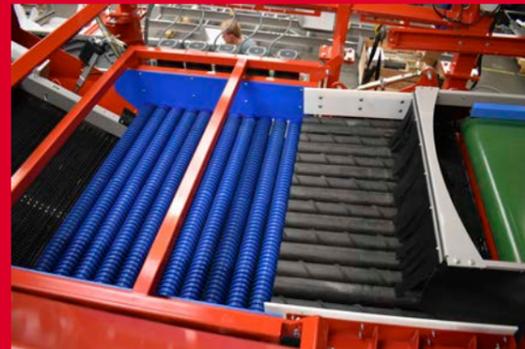


Desoiler unit

Tolsma-Grisnich can supply complete soil removers that can be deployed either as part of a processing line or as stand-alone machines. Every unit can be configured according to user requirements, so that ultimate efficiency can be achieved by combining several cleaning techniques. The de-soiling machine is available in various capacities.

Tolsma-Grisnich offers a wide range of products so that the perfect solution can always be achieved:

- axial rollers
- cleaning rollers (smooth, star-type, rubber, spiral)
- barred conveyors
- Porcupine conveyors.

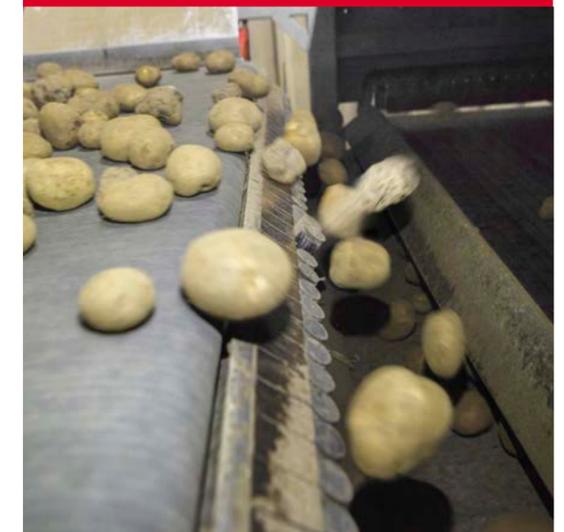
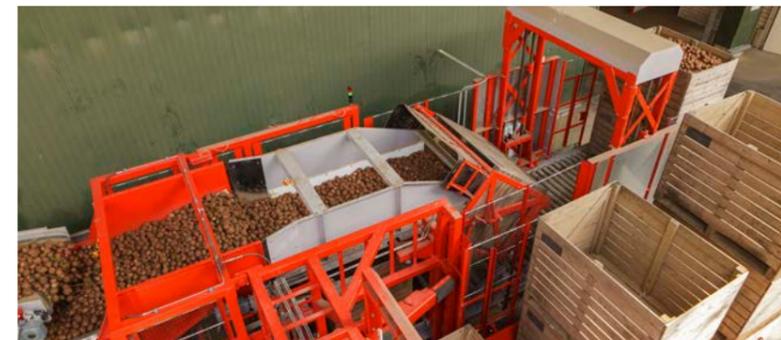


Samro stone and clod separator

The SAMRO separates clods and stones from potatoes, onions and other root crops with an accuracy of up to 95%, depending on soil type and product size.

Thanks to unique and highly sophisticated sensor technology, and depending on the width of the feed conveyor and the type of roller cleaner, a capacity of between 12 and 50 tonnes of product per hour can be achieved. This user-friendly machine is unique in the potato processing industry, and can be used either as a stand-alone machine or as part of a processing line.

Tolsma-Grisnich develops innovative solutions for the processing of potatoes, onions and carrots. Because every installation is different, this generally involves devising intelligent solutions tailored to specific customer requirements. At Tolsma-Grisnich, developing technology at an industrial level is an ongoing process geared to the business practice of agricultural companies.



Inspection table

The Tolsma-Grisnich roller inspection table stands out for its robust and wear-resistant and ergonomic construction, meaning that Tolsma-Grisnich can provide an effective solution for visual potato inspections.

Longer working life

The roller inspection table consists of a bended-profile frame with belt-driven PVC rollers. The drive shaft is fitted with HMPE wheels that drive the belts. This prevents wear to the rollers and rods, which results in a considerably longer working life.

Entirely according to customer requirements

The roller inspection table can be supplied with a number of options, including adjustable transport speed and rotation speeds of the rollers. Other options include a variety of waste and soil funnels, and a dust belt to collect any dust that falls through. In short, the Tolsma-Grisnich roller inspection table can be configured entirely according to customer requirements.



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Grading machines MV09 and MV13

Tolsma-Grisnich grading machines can be optimally geared to the specific requirements of each product, resulting in a high grading capacity as well as exceptionally accurate grading for size. Various speeds and time settings can be achieved thanks to the easy to operate controls of the grading machine and sieve cleaner.

Table and seed potatoes

These grading machines are ideally suited to the processing of both table and seed potatoes. The unique, autonomously driven grading decks can be adjusted to a flat or inclined position. A flat grading deck ensures maximum precision. As the grading deck is inclined,

the forward speed of the product is increased along with the grading capacity. Every grading deck is fitted with its own product-friendly cleaner.

Ease of operation and reliability

The grading machine has an exceptionally quiet and stable run, which is due to its sturdy main frame and grading decks indirectly driven by serrated belts. The stroke of the maintenance-free eccentrics can easily be adjusted per grading deck and the protected rotating parts are readily accessible for primary maintenance.

Modular conveyor belt

Tolsma-Grisnich's robust modular conveyor belt can be deployed as a stand-alone unit or as part of a production line. The belt is available in widths of between 40 and 80 cm, and can be supplied as a trough or flat conveyor with either a smooth belt or one fitted with flat rollers.

The modular conveyor belt stands out from the competition by virtue of the variety of lengths and widths available and the fact that attention was given to reduce soil at the rubber belt at the design stage. The lifetime of the conveyor belt has been optimised and it is simple to maintain.

The advantages of the conveyor belt

- Easy
- Cost efficient
- Wide variation in width and length



Fall breaker

The Tolsma-Grisnich folding chute is a well-proven concept for the damage-free filling of transport, bunkers, boxes and big bags. The fall breaker is suitable for potatoes, onions, shallots, carrots etc. and features a chute, eight plastic fall-breaker flaps and a hoisting engine. The flaps are operated by means of a hoisting engine and hoisting slings. Tolsma-Grisnich's folding chute stands out by virtue of its simplicity and flexibility.

Major benefits

- Suitable for a wide variety of products
- Flexible in terms of dropping height
- Easy settings



Bunkers

Tolsma-Grisnich bunkers have been developed with a view to product-friendly handling, cleanability and ease of use. Our bunkers can be deployed for both large-scale and smaller storage systems. When integrated into a grading installation, bunkers can be deployed for intermediate storage.

With cooling and ventilation technology

If required, the bunkers can be equipped with advanced cooling and ventilation technology. Filling is achieved using central filling, a moveable filling conveyor or an angled bin filling conveyor, all combined with a fall breaker. An option is by using a conveyor with lowering the out-feed end of the conveyor to the bottom of the bin, in combination with a hinged Knick. There is no fall breaker needed for this option; the bunker is discharged by means of a flap or conveyor. The angle of the bunker funnel is 45°, ensuring optimal extraction flow. Tolsma-Grisnich develops both extraction conveyers and discharge valves with various compartments.



Major benefits in a nutshell

- Effective separation of varieties and sizes
- Optimal delivery of the product feed
- Various storage capacities available