

# REMOVING FOREIGN MATTER IN FROZEN MEAT FOR WET PETFOOD

TOMRA's Nimbus optical sorter **ensures no foreign material passes undetected**, so you can rest assured you're providing your customers and their pets a consistent, premium end product. The Nimbus uses its **double-sided laser inspection technology** to accurately sort based on color, structure, and biological characteristics. With its superior foreign material removal capability, the optical sorter can effectively remove rubber, plastics, wood, even glass, ... reducing product recalls and increasing brand loyalty.

## BENEFITS

- Enhance your product quality
- Reduce customer complaints & product recalls
- Protect your brand & increase brand loyalty
- Reduce rework and increase uptime
- Expand your business & gain market share

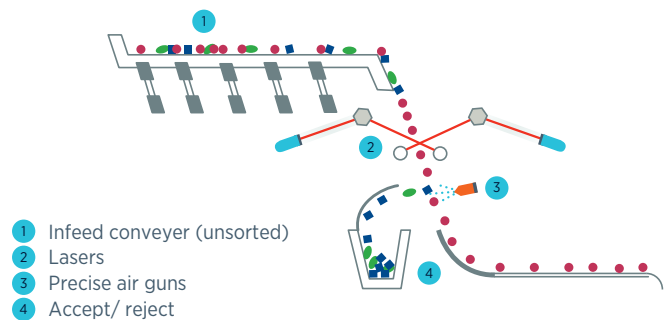
## TECHNOLOGY

- In-line automated inspection
- High throughput
- Maximum yield
- Superior foreign material removal
- Calibration free
- User friendly
- Low maintenance



## WORKING PRINCIPLE

A feed shaker uniformly spreads the ground frozen meat over the free-fall chute. The product falls down towards the inspection zone, where it is scanned by lasers. A few milliseconds later the defects are hit with a precise powerful burst of air sending them into the rejection zone while the good product continues its natural free-fall.



## DIMENSIONS AND SPECIFICATIONS

Model	Dimensions				Utilities	
	Width	Length	Height	Infeed Elevation	Power	Air
<b>NIMBUS 640</b>	2200 mm (87")	3500 mm (138")	2450 mm (96")	2200 mm (86,4")	1ph: 4kVA 3ph: 2,5kVA	87-102 psi 6-7 bar
<b>NIMBUS 1200</b>	2660 mm (105")	4200 mm (165")	2450 mm (96")	2200 mm (86,4")	1ph: 4kVA 3ph: 2,5kVA	87-102 psi 6-7 bar
<b>NIMBUS 1600</b>	3050 mm (120")	5550 mm (219")	2450 mm (96")	2400 mm (94,2")	1ph: 4kVA 3ph: 2,5kVA	87-102 psi 6-7 bar

\*Information shown for the reference and may change depending on the actual application.



You are a Resource Revolutionary.

**TOMRA Food is the leading provider of sensor based sorting, peeling and processing technology for the fresh and processed food industries.**

**Turning yield into usage, profits into progress, TOMRA transforms the way the world obtains, uses, and reuses its resources.**

**If you are interested in a free demonstration with your own product or if you need more information, please contact us directly.**



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