

Unit external dimensions



Product specification

Model		TS-7400L
Specification	Processing capacity	MAX. 1000 kg/h ^{※1}
	Unit dimension	W600×D1120×H1560mm
	Unit weight	270 kg
	Power supply	Single-phase AC200V
	Air-pressure supply	0.5 MPa and above
Camera	Air consumption	300 l/min
	Camera	2 units of CCD line sensor cameras
	Pixel number	7400 pixels
	Minimum resolution	40μm
Supply	Light source	LED lights formed in the shape of dome
	Feeding method	Vibrating feeder
	Transfer unit	Roller feeder
Discharge	Pellet separating method	Pellets separated by a speed difference between the feeder and roller
	Discharge electromagnetic valve	20 in a row
Feature	Type of electromagnetic valve	Energy-saving type
	External start I/O, self-cleaning system, memory function, history recording function, anti-scattering structure	

※1 The processing capacity varies depending on material and shape properties.

Screening test

Using your samples of good and reject pellets a screening test will be performed for you. Also, a witness test can be arranged in order for you to observe our pellet screening capabilities at our site.

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大切な人のために

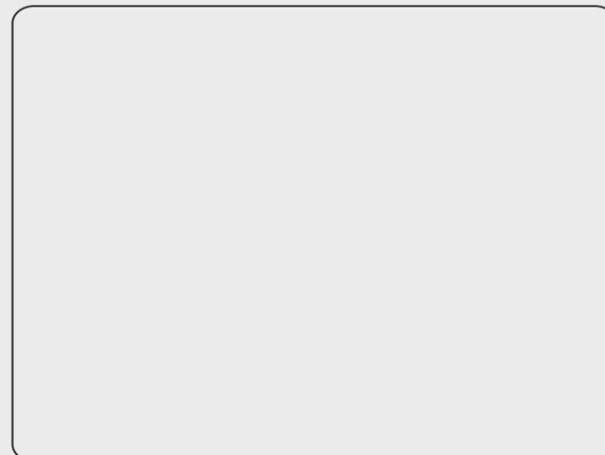
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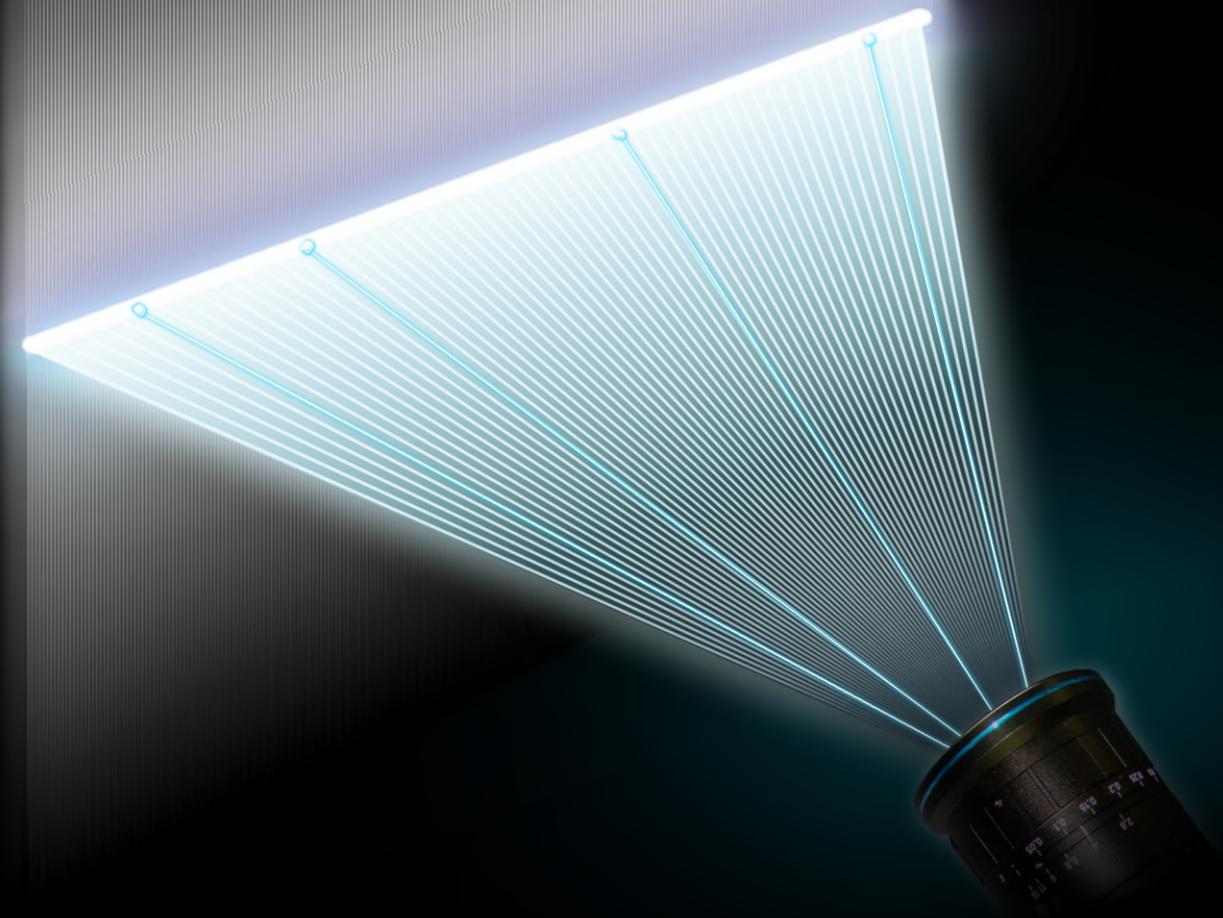


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ColorSort

ColorSort

**Odd-color ejector machine
TS-7400L**

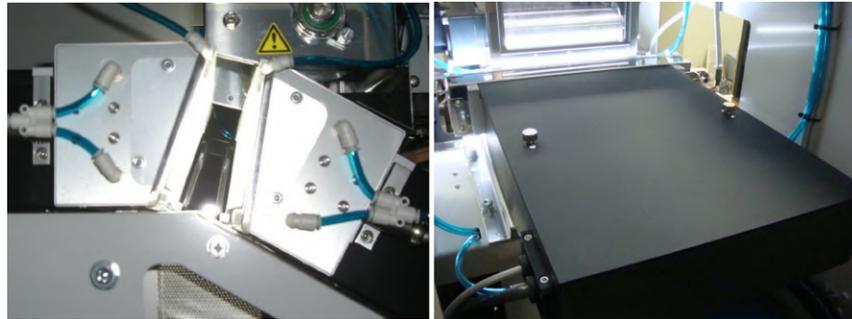


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※Please note that the product specification and/or appearance stated in this brochure may change for improvements without prior notice.



Pallet screening



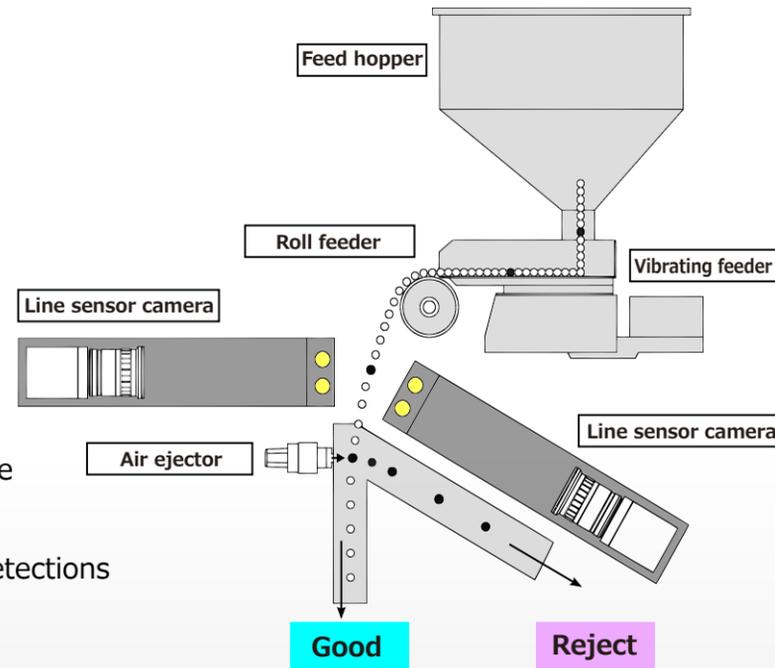
- Highly precise screening achieved by high-resolution cameras
- Compressed air cleaning nozzle built in standard
- As many as 20 units of highly responsive and durable air ejector valves installed to consistently detect and remove impurities
- LED lights formed in the shape of dome making it more effective to detect impurities

Operation panel



- Color touch panel making it easier to view and control
- Memory function allowing to store 40 different screening conditions
- Functions to record errors and detections

Structure diagram



Aligning feeder



- An influence of a friction is negligible when regulating the flow of pellets, because the roller is designed to drop them straight down.
- Steady pellet screening is achieved since they are screened when being dropped in the range of low speeds.
- High-output, high-precision motor is employed to regulate and align the pellets.

Reject samples

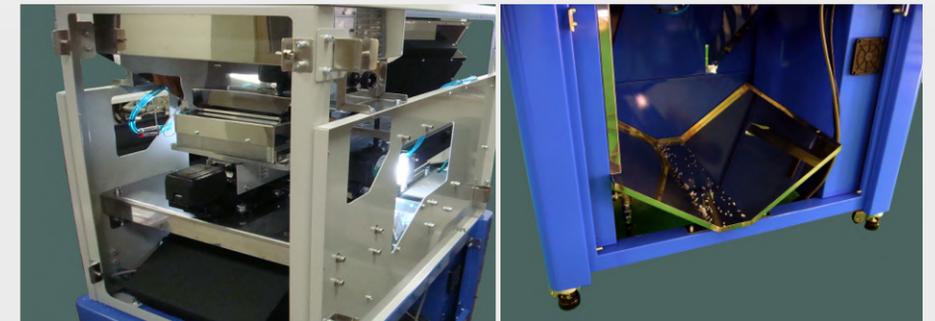


Burn Tiny black spot (0.1mm) Blended



Black spot Yellow discoloration Black spot in long pellets

Maintenance



- The Cover can be detached with one gentle tug without tools.
- A dust tray is installed underneath each unit to prevent pellets from scattering.
- Chutes for good pellets and rejects can be detached without tools for easy cleaning.