



PLASTIC FILM AND BAG RECYCLING SQUEEZER TT-ASD



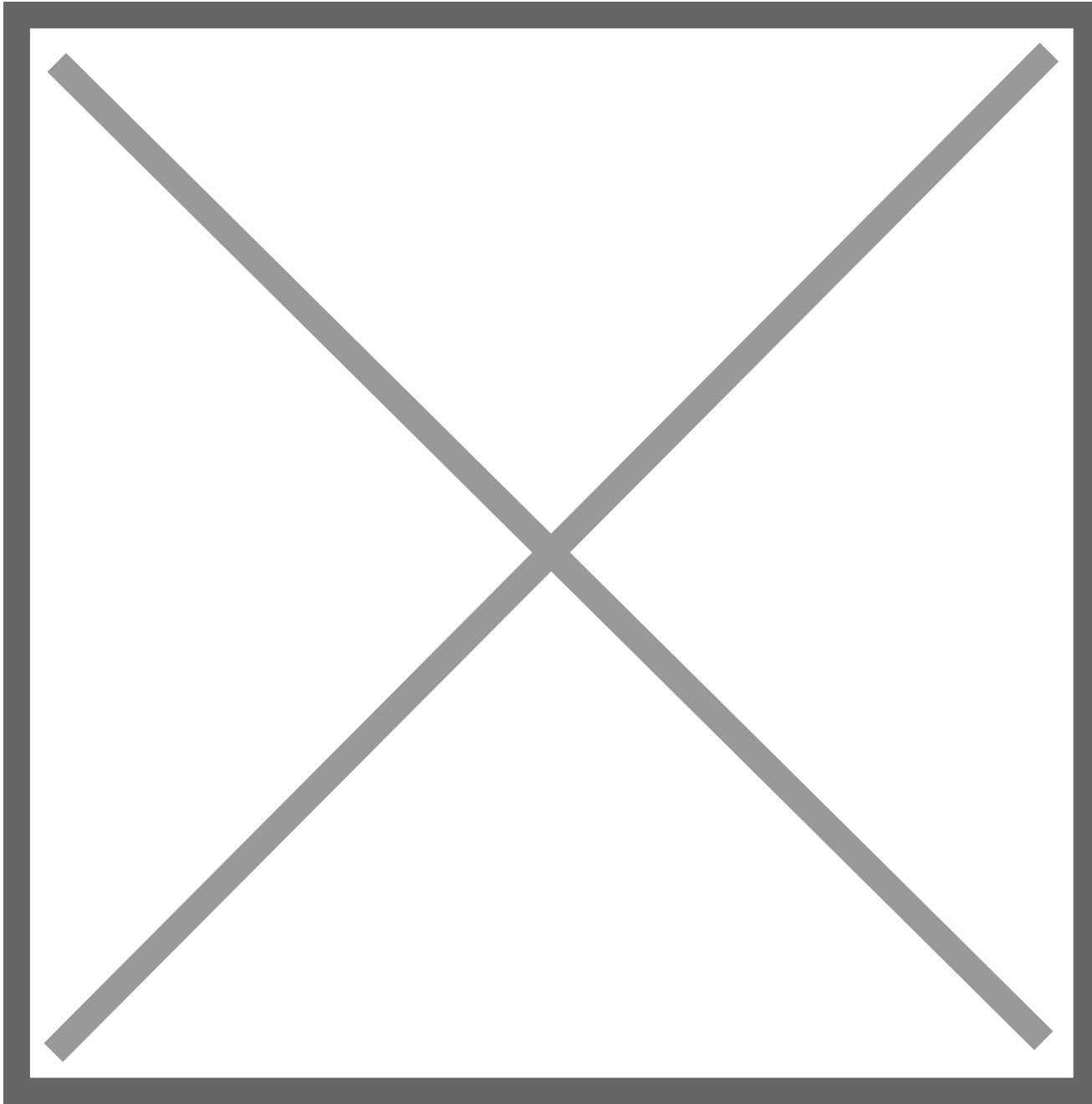
The new Plastic Film and Bag Recycling Squeezer TT-ASD is particularly well-suited for dewatering and drying soft plastics like films and woven bags. It can be utilized independently or as part of plastic film washing lines. Compared to traditional methods like centrifugal and pipeline dryers, the new ASD plastic squeezer offers advantages such as a smaller footprint, lower energy consumption, and reduced noise levels.

The new Plastic Film and Bag Recycling Squeezer TT-ASD dryer comprises a main motor, gearbox, barrel & screw, die head, pelletizing device, and main control cabinet.

With a specially designed planetary gearbox and an independently developed thrust bearing seat, the screw gains robust thrust and reduces energy consumption. The thrust bearing seat, developed independently, manages axial thrust during equipment operation, safeguarding the equipment and prolonging its lifespan.

Material is fed into the barrel & screw via the hopper. The motor drives the screw forward, guiding the material through the high-strength die and onto the pelletizing device, resulting in semi-plasticized granules. These granules can undergo secondary granulation or be directly sold.

The new Plastic Film and Bag Recycling Squeezer TT-ASD effectively controls material moisture to within 5-7% and offers a capacity range of 300-800 kg/h.



APPLICATIONS

- **Plastic Film Recycling** – Dewater and dries PE, LDPE, HDPE, and PP films.
- **Woven Bag Recycling** – Processes PP woven bags and jumbo bags after washing.
- **Agricultural Film Recycling** – Handles greenhouse films, mulch films, and irrigation films.
- **Packaging Waste** – Suitable for shrink wrap, stretch wrap, and food packaging films.
- **Plastic Washing Lines** – Functions as a drying unit within integrated recycling lines.
- **Pre-Pelletizing Process** – Produces semi-plasticized granules for secondary granulation.
- **Direct Reuse** – Generates uniform granules ready for sale without further processing.

FEATURES

Plastic Squeezer Machine Advantages

- Robust thrust with minimal power consumption for exceptional performance
- Enhanced stability ensures a longer equipment lifespan
- Reduced noise levels with a compact, space-saving design
- Maintains material moisture between 5-7%
- Precise frequency control guarantees product uniformity and stability
- PLC automated control simplifies operation and maintenance
- Produces semi-plasticized granules suitable for pelletizing or direct sale

Plastic Squeezer Machine for Moisture Reduction and Pelletizing

TECHNICAL SPECIFICATIONS

Model	TT-ASD300	TT-ASD320
Main Motor Power	90kw	132kw
Granulating Motor Power	4kw	5.5kw
Squeezing Screw Diameter	300mm	320mm
Equipment Weight	~9,920 lbs.	~13,228 lbs.
Capacity	300-500kg/h	400-550kg/h
Rotating speed	65rpm	65rpm
Speed of cutting	400rpm	400rpm
Diameter of final granule	≥12mm	≥12mm
Fan power	5.5kw	5.5kw
Volume of Silo	0.7CBM	0.7CBM



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