

TWIN SCREW EXTRUDER

■ HIGH OUTPUT WITH PREMIUM PELLET QUALITY



suitable for a wide range of raw materials and can reliably process complex formulas with high viscosity, moisture, or fat content.

■ Product Display





MODEL	CAPACITY (KG/H)	HOST POWER (KW)
KPS65	100-150	45
KPS70	180-260	45
KPS75	300-500	75
KPS80	600-800	90
KPS90	1000-1500	110

FAQ

■ What is the difference between twin-screw and single-screw extruders?

Twin-screw extruders handle high-fat, high-moisture, or complex formulas better. They produce uniform, well-expanded pellets and suit medium to large-scale production or applications with higher quality standards.

Single-screw models are simpler, ideal for basic formulas and small batches. They require less investment and are easier to operate.

■ Is an external steam boiler required for conditioning?

Yes. Steam needs to be supplied by an external boiler and delivered to the conditioner through a pipeline.

■ Is cleaning and maintenance easy?

Yes. The intermeshing screws push out most residue during operation. Before shutdown, run the machine empty or use a flushing material like cornmeal. This reduces the need for disassembly and makes cleaning easier, especially for continuous production.

■ How can I adjust the feed to float or sink?

Adjustments usually follow this order:

Moisture or steam → Screw speed → Pellet length and die backpressure → (if needed) formula or screw setup

To make floating feed: Ensure enough steam → Increase screw speed → Use dies with higher backpressure → Cut pellets shorter → Lower oil content slightly and raise starch

To make sinking or slow-sinking feed: Lower energy input or slightly increase moisture → Use dies with lower backpressure → Cut pellets longer → Increase oil or fiber content

Adjust one factor at a time and record pellet density, temperature, and current. Once tuned, feed characteristics remain stable.

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