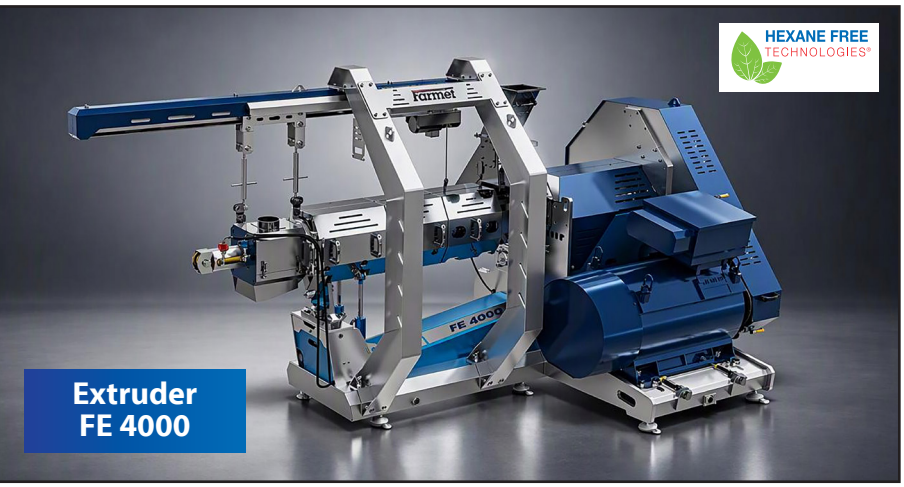
*The effective technology and complex services*

Farmet® Oil & Feed Tech

# PROFESSIONAL FEED PRODUCTION WITH FE 4000 EXTRUDER




## KEY BENEFITS

- Modern, cutting-edge, innovative high-performance equipment
- Temperature control through our unique automatically controlled die
- Production of optimal feed for both monogastric and ruminant animals
- Extrusion of any biological material
- Can be integrated into a unique extrusion-pressing processing line









## UNIQUE EXTRUDER TECHNOLOGY SOLUTION

- **The longitudinal split design of the processing unit** significantly speeds up and simplifies extruder configuration changes. Only the outer rings in the opened barrel need to be replaced, eliminating the need to remove the screws.
- **Long service life, lower operating costs.** The cage is equipped with longitudinal lamellas made from highly durable materials. Their replacement is quick and cost-effective, significantly reducing maintenance costs compared to replacing entire chambers.
- **Automatic Extruder Outlet Die with Hydraulic Backpressure Control.** Extrusion temperature can be precisely regulated through hydraulic backpressure control (significantly improves process stability and substantially reduces operator intervention). Controlled via Farmet's proprietary automation software.
- **Hydraulic basket opening system** (hydraulic power unit included in the machine) for easy maintenance operations, such as screw removal and the automatic regulating die.
- **Precision bearing assembly with forced oil circulation, oil cooling and filtration** extends service life and ensures optimal operating conditions in all operating modes.
- **Service platform with a monorail system and electric hoist** for easy maintenance and product handling.
- **Magnetic separator in stainless steel design** intended for capturing and removing ferromagnetic particles from the conveyed material before it enters the extruder.
- **Manual sampling slide gate in stainless steel design** intended for collecting material samples from the process stream before entering the extruder.

| Parameters | FE 4000 |
|---|---|
| Throughput [kg/hr] | 3600 – 6000 |
| Input w/o options [kW] | 250– 400 |
| Length [mm] | 5200 |
| Width [mm] | 2477 |
| Height [mm] | 2590 |
| Weight [kg] | 8150 |

Indicative values depend on the applied technology and the type of oilseeds being processed.

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