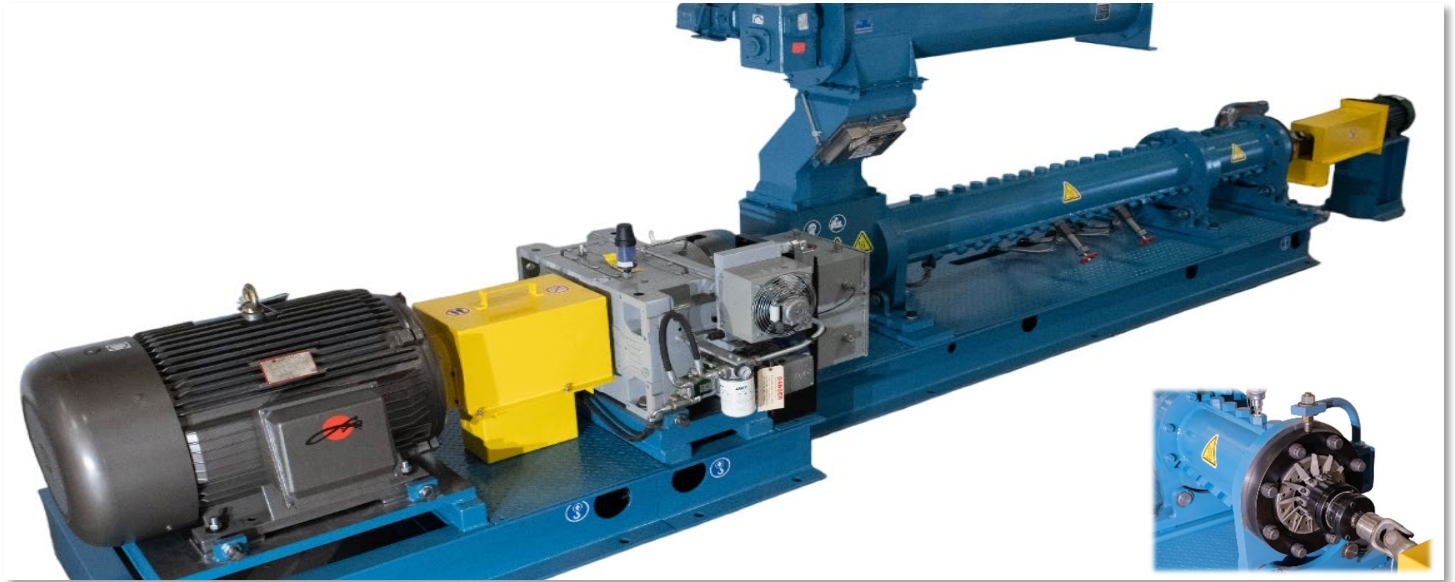


**ANDERSON**  
INTERNATIONAL CORP

## EEC™ 800

### Expander-Extruder-Cooker™



The all-in-one EEC™ 800 is packed with Anderson International Corp innovation and technology. Built to be the best-in-class Expander-Extruder-Cooker™ machine, the EEC™ 800 features advanced engineering and manufacturing platforms optimized to produce full fat soybean meal, gelatinized corn starch, textured vegetable protein, dry/semi-moist pet food, sinking/floating aqua feed and various other applications including human food to provide the highest product throughput with the lowest energy use for most applications.

#### KEY FEATURES

- **Diamonflight™** – Anderson’s proprietary pressing worms provide optimal wear and geometry to maximize mechanical work and uptime for maximum productivity and efficiency.
- **Spiral Flight Technology™** – Anderson’s proprietary flight arrangement optimizing mechanical work performed by Anderson equipment for maximum productivity and efficiency.
- **Ecomeal™ FFS** – Anderson’s proprietary process for full fat soybean (FFS) meal using Anderson equipment and technology.
- **Ecomeal™ TVP** – Anderson’s proprietary process for textured vegetable protein (TVP) using Anderson equipment and technology.
- **Ecomeal™ GCS** – Anderson’s proprietary process for gelatinized corn starch (GCS) using Anderson equipment and technology.
- **Sustainability** – Lowest carbon footprint machine featuring highest output with lowest energy consumed in smallest space.
- **USDA Organic** – With proper raw materials and processes, mechanical and chemical-free working enables USDA Organic certification.
- **Functionality** – Designed for either mechanical operation or human machine interface (HMI) operation using Allen-Bradley controls (AB).
- **Built-to-Last** – Engineered to meet or exceed wear for maximum productivity with 24/7 operation of Anderson equipment backed by Anderson’s industry leading 1-year standard warranty.



**1-YEAR**  
STANDARD  
WARRANTY



**GENUINE**  
PARTS

## SPECIFICATIONS

| Product                  | Barrel Size in (cm) | Drive Type    | Controls      | Hp  | Inputs                                  |              | Dimensions <sup>(1)</sup>          | Capacity <sup>(2)</sup> |
|--------------------------|---------------------|---------------|---------------|-----|---|--------------|------------------------------------|-------------------------|
|                          |                     |               |               |     |   |              | L X W X H in(cm)                   | TPD (MTPD)              |
| EEC 800a                 | 8 (20.3)            | Belt / Sheave | Mechanical    | 200 | 230/380/460V <sup>(3)</sup><br>50/60/3Φ | 480/320/240A | 160 x 94 x 41<br>(407 x 239 x 104) | 72 - 120<br>(65 - 109)  |
| EEC 800ax                | 8 (20.3)            | Gearbox       | Mechanical    | 200 | 230/380/460V <sup>(3)</sup><br>50/60/3Φ | 480/320/240A | 145 x 31 x 41<br>(368 x 79 x 104)  | 72 - 120<br>(65 - 109)  |
| EEC 800                  | 8 (20.3)            | Belt / Sheave | Allen-Bradley | 200 | 230/380/460V <sup>(3)</sup><br>50/60/3Φ | 480/320/240A | 160 x 94 x 41<br>(407 x 239 x 104) | 72 - 120<br>(65 - 109)  |
| EEC 800x                 | 8 (20.3)            | Gearbox       | Allen-Bradley | 200 | 230/380/460V <sup>(3)</sup><br>50/60/3Φ | 480/320/240A | 145 x 31 x 41<br>(368 x 79 x 104)  | 72 - 120<br>(65 - 109)  |
| EEC 800s <sup>(4)</sup>  | 8 (20.3)            | Belt / Sheave | Allen-Bradley | 200 | 230/380/460V <sup>(3)</sup><br>50/60/3Φ | 480/320/240A | 160 x 94 x 41<br>(407 x 239 x 104) | 72 - 120<br>(65 - 109)  |
| EEC 800sx <sup>(4)</sup> | 8 (20.3)            | Gearbox       | Allen-Bradley | 200 | 230/380/460V <sup>(3)</sup><br>50/60/3Φ | 480/320/240A | 145 x 31 x 41<br>(368 x 79 x 104)  | 72 - 120<br>(65 - 109)  |

<sup>(1)</sup> Values shown are nominal and do not include accessory items like dog leg chute and cutter assembly. <sup>(2)</sup> Values shown are typical for a wide range of ECOMmeal™ applications. Actual results may vary. <sup>(3)</sup> Special order - 575v option available. <sup>(4)</sup> Special order - stainless steel EEC 800 for food grade (human) applications.

## ACCESSORIES

**Die Plates** – Used to produce the shape of the desired product.

**Cutter Assembly** – Used to produce the desired size of the product. Cutter assembly includes cutter, motor and base.

**Water Valves** – Control the amount of water going into the product to maximize cooking and final product characteristics.

**Steam Valves** – Control the amount of steam going into the product to maximize cooking and final product characteristics.

**Dog Leg Chute** – Used to deliver raw material to the EEC™ hopper. Available with or without magnetic trap.

## APPLICATIONS

Anderson International Corp's EEC™ 800 can process various types of products for animal, fish and human consumption in addition to other applications. The all-in-one EEC™ 800 is engineered to mechanically shear, cook, and dry the material being processed. The shearing action of the Diamonflight™ pressing worms breaks down and cooks proteins in the material using the High Temperature – Short Time™ principle (HTST™) achieving the highest, most efficient degree of cooking without damaging the thermolabile amino-acids or dextrinizing the starches. Additionally, the frictional heat created deactivates harmful enzymes producing highly digestible, safe meals and feeds especially for monogastric organisms.

*Some of the more common applications for the EEC™ 800 are:*

### ECOMEAL™ FFS

Full Fat Soybean Meal



### ECOMEAL™ PFD

Pet Food – Dry/Semi-Moist



### ECOMEAL™ GCS

Gelatinized Corn Starch



### ECOMEAL™ AFF

Aqua Feed – Floating



### ECOMEAL™ TVP

Textured Vegetable Protein



### ECOMEAL™ AFS

Aqua Feed – Sinking



For best results with Anderson International Corp equipment, always use Anderson Genuine Parts.

Visit [www.andersonintl.com](http://www.andersonintl.com) for more details.

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