



AQUATIC FEED

TWIN SCREW EXTRUSION SYSTEMS



FLEXIBLE

TWIN SCREW EXTRUSION SYSTEMS

Cletral extrusion units efficiently produce high-energy feed, with a precise balance of proteins, oils and carbohydrates, processed for optimum digestibility with reduced waste. These systems produce the right formulas that turn “feed into flesh” and are particularly suited for processing a wide selection of recipes and raw materials.

Cletral twin screw extruders also accurately control pellet density for specific product attributes, such as sinking or floating properties. Processors can manufacture a wide range of products that are adapted to the nutritional requirements of each species with feed dimensions perfectly calibrated from 0.5 to 30.0 mm. Cletral technology also complies with the toughest environmental and quality requirements, to maintain water quality and breed healthy animals, which in turn generates improved conversion ratios.



EFFICIENCY & PRODUCTIVITY

- **Ingredient flexibility** to process a large range of raw materials
- **Full control of process parameters and automation** to ensure proper density levels and floating or sinking characteristics with high fat and protein levels for salmonid fishes
- **Product integrity** through controlled mixing, resulting in homogenous melt, excellent starch gelatinization and protein matrix build up
- **Precise feed shapes and dimensions**- calibrated from 0.5 to 30.0 mm
- **Output range**, from 25 to 34,000* kg/h
- **Premium metallurgy** specially designed to process corrosive or abrasive ingredients, reduce maintenance and wear costs
- **Hygienic design** - Stainless steel frame, smooth barrels, self cleaning screws, unique extruder opening device
- **Reduced maintenance** with built-in easy access for preventive maintenance and standardized spare parts
- **After-sales support** services include training, process and technical support, maintenance, automation and technical upgrades

*coated salmon feed



Cletral systems produce feed for marine and fresh water species as well as benthic and pelagic animals such as:

salmon, turbot, cod, halibut, yellow tail, sea bass, sea bream, trout, tilapia, ornamental fishes, shrimps, abalone ... etc.



Cletral offers semi-industrial tests to improve recipes or to develop new products for its customers.

CLETRAL

CLETRAL A DIVISION OF GROUPE LEGRIS INDUSTRIES

Find out more on www.cletral.com