

Flux Barrel Pump Range

Pumps You Won't Keep Replacing

» *Lightweight enough to move between drums and IBCs. Heavy duty enough to offer the lasting performance you need.*



FLUX

More than just pumps

PERFORMANCE BENEFITS

- Very versatile** – Models compatible with thin and viscous fluids, pastes, solids, chemicals, oils and adhesives
- Suits varying budgets** – Cost-effective plastic options and heavy duty, high performance stainless-steel solutions
- Simple maintenance and use** – Lightweight solutions that can be stripped down, cleaned, and moved easily
- Food grade** – FDA and 3A certified models for use in food, cosmetics, and pharmaceutical applications
- Optimum drum emptying** – Unique design to remove 99.98% of fluid in a container, limiting waste of costly products
- Mixing pump options** – Lever to set to mix, pump or both, ideal for inhomogeneous fluids that tend to separate
- Horizontal models** – For where accessibility is not available from the top of the IBC. Can be plate or trolley mounted
- Ready to dispense kits** – Pumps available complete with motor, hose, nozzle, meter, compression glands and valves

CHEMICAL & MANUFACTURING



FOOD & DRINK



COSMETICS & PHARMACEUTICAL



TYPICAL APPLICATIONS

- ✔ Industrial process water
- ✔ Fats, fuels, oils & lubricants
- ✔ Chemicals & cleaning solutions
- ✔ Paints, dyes, resins & adhesives
- ✔ Creams, gels & soaps
- ✔ Sauces, syrups & edible oils
- ✔ Milk, cream, yogurt & liquid egg
- ✔ Fruit juices, pulp & tomatoes
- ✔ Acids & solvents



CASTLE PUMPS LTD

Flux Barrel Pump Range Models & Accessories

F300 SPECS

Flow Rate – Up to 60lpm

Max Pressure – 8.5 M

Max Viscosity – 250 cP

Immersion lengths – 500, 700 and 1000 mm

F300 MODELS

Cost effective, entry level impeller models for low viscosity fluids.

- » **JuniorFlux F310/F314** – Most economical model, and F310 comes with the addition of a mechanical seal.
- » **Comibflux FP 314** – Quick release motor for changing between multiple pumps for cost saving.

F400 SPECS

Flow Rate – Up to 240lpm

Max Pressure – 30 M

Max Viscosity – 1200 cP

Solids Size – 2 mm

Immersion lengths – 500, 700, 1000, 1200, 1500, 1800, 2000, 2500 and 3000 mm

Certifications – ATEX, 3A & FDA

F400 MODELS

Heavy duty, higher performance impeller models for low viscosity fluids.

- » **F430/F424** – Leading model, and F430 comes with the addition of a mechanical seal.
- » **F427** – FDA & 3A approved for sanitary/food.
- » **F425** – 99.98% emptying to limit costly waste.
- » **F426** – Mixing pump for fluids prone to separation.

F500 SPECS

Flow Rate – Up to 50lpm

Max Pressure – 80 M

Max Viscosity – 80,000 cP

Solids Size – 8 mm

Immersion lengths – 700, 1000 and 1200 mm

Certifications – ATEX & 3A

F500 MODELS

Eccentric worm drive models for high viscosity, shear sensitive fluids and solids.

- » **F550GS/F560GS** – Planetary gears for up to 30,000CP, and F560GS is also food grade rated.
- » **F550S/F560S** – For even paste like fluids up to 80,000CP. Same but latter is food grade.

FLUX KITS

All models are available as complete kits as a ready to dispense solution. Each kit comes complete with pump, motor, hose, nozzle, meter, compression glands and valves.



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