

Flexible Impeller Range

A Versatile Pumping Solution

» For a vast range of fluids and industries, at a low cost relative to other pumping technologies.



PERFORMANCE BENEFITS

Solid handling up to 25mm – Supple impellers bend to pass viscous fluids and solids without damage

Applies low shear – Ideal for delicate fluids that can be damaged or altered by other pump types

Reversible operation – For tank to tank transfer, and cleaning solution to be ran through after use for CIP

Food grade – FDA certified EPDM/NBR impellers and Stainless Steel sanitary full enclosures available

Smooth, steady pumping – Provides a consistent flow for accurate dosing and filling applications

Self-priming up to 6m – Enables the quick and simple emptying of sumps, tanks, IBCs and drums

FOOD & DRINK



COSMETICS & PHARMACEUTICAL



CHEMICAL & MANUFACTURING



TYPICAL APPLICATIONS

- ✓ Fruit juices, pulp & tomatoes
- ✓ Milk, cream, yogurt & liquid egg
- ✓ Sauces, syrups & honey

- ✓ Beer, wine & must
- ✓ Chemicals & cleaning solutions
- ✓ Fats, fuels, oils & lubricants

- ✓ Soaps, creams, gels & shampoo
- ✓ Paints, dyes, adhesives & detergents



CASTLE PUMPS LTD



Flexible Impeller Range Models & Accessories

SPECIFICATIONS AVAILABLE

Flow Rate – Up to 72 m³/hr

Head – Up to 40 M

Max Temperature – 100°C

Max Viscosity – 50,000 cP with solids up to 25mm

Outlet Sizes – DN 20 up to DN 100

Drive Options – Electric (12/24/300/400v), hydraulic, gear with pulley and bare shaft

Connections – DIN, BSP M & F, Triclover, SMS, RJT, Friederich, Garolla and Macron

Impellers – Natural rubber, Neoprene, Silicon and FDA approved NBR and EPDM

ACCESSORIES AVAILABLE

- ✓ Trolley for portability
- ✓ Bypass valve for nozzle dispensing
- ✓ Control panel
- ✓ Inverter controlled variable speed drive
- ✓ Level sensors
- ✓ Pressure switch for automated operation
- ✓ Dry run protection to prevent damage
- ✓ Remote control operation
- ✓ Sanitary stainless steel enclosures

FEP ELECTRIC CLOSE COUPLED



4GR BELT DRIVEN ON BASE



MINI INVERTER INVERTER CONTROLLED



VA MECHANICAL VARIABLE SPEED DRIVE



INV INVERTER CONTROLLED WITH CONTROL PANEL



RID GEARBOX DRIVEN



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