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**LIQUID** TRANSFER

**AXFLOW**  
*fluidity.nonstop*

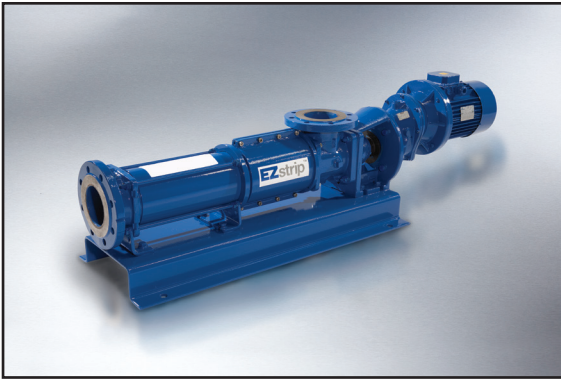


# **PROGRESSIVE CAVITY** **PUMP RANGE**

2021 V1

# EZSTRIP

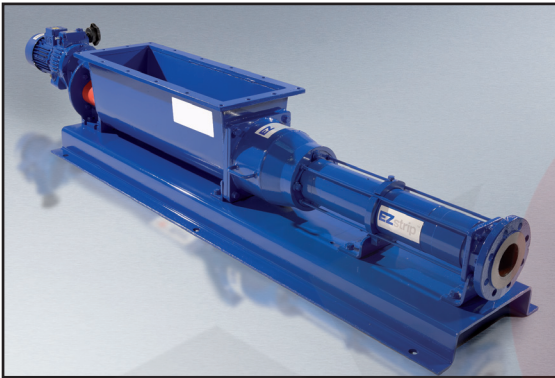
## Transfer Pump



CAPACITY	PRESSURE	TEMPERATURE
225 m³/h	12 bar	-10 up to 100°C
990 gpm	175 psi	14 up to 212 °F

APPLICATIONS		
Domestic sewage	Hydrated lime slurry	Shear sensitive latex emulsion
Sauces	Industrial chemicals and detergents	Coating clays
Silicate	Agricultural slurries	Industrial effluents
Sludge	Milk curds	Fruit juices
Starch slurries	Gypsum	Paper stocks

## EZstrip Cake Pump



CAPACITY	PRESSURE	TEMPERATURE
49 m³/h	24 bar	-10 up to 100°C
216 gpm	350 psi	14 up to 212 °F

APPLICATIONS	
Thickened sludge (up to 40% dry solids content)	Dewatered sludge
Sludge blending	Lime powder dosing
Lime slurry dosing	Barrier layer injection

## EZstrip Mine Dewatering Pump



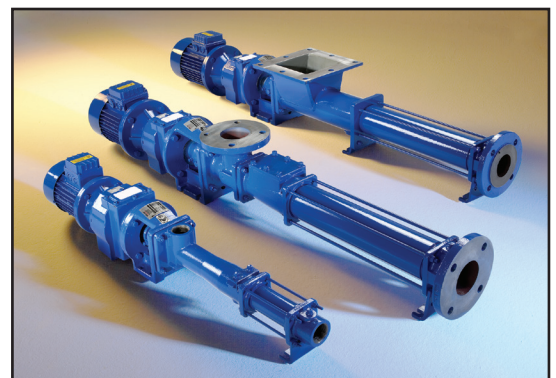
CAPACITY	PRESSURE	TEMPERATURE
Up to 72 000 l/h	Up to 36 bar	-10 up to 100°C

APPLICATIONS
To raise both water and suspended solids direct to the surface or into a water management program of the mine.

## Compact C Range

CAPACITY	PRESSURE	TEMPERATURE
Up to 440 m³/h	Up to 24 bar	-10 up to 100°C
Up to 1937 gpm	Up to 350 psi	14 up to 212 °F

APPLICATIONS		
Domestic and industrial sewage	Sludge	Milk curds
Fruit Juices	Detergents	Gypsum and silicate
Agricultural slurries	Hydrated lime slurry	Shear sensitive latex emulsion
Sauces	Industrial chemicals	Coating clays
Papre stocks	Starch slurries	-



CAPACITY	PRESSURE	TEMPERATURE
5 - 1250 l/h	72 bar	120°C
0.02 - 5.5 gpm	1044 psi	248°F

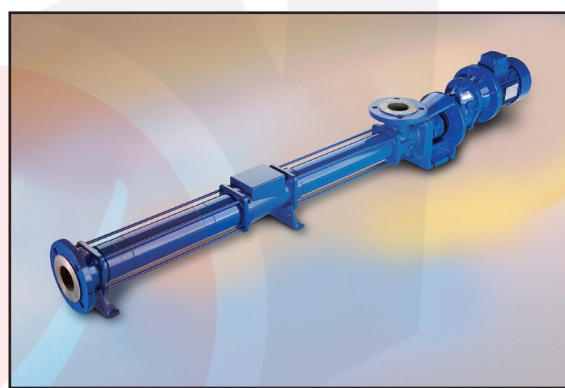
APPLICATIONS		
Acids	Alkalis	Cosmetics
Sludge dewatering	Food ingredients	-
Brewing	Winemaking	-
Dyes	Process mining	-
Flocculants	Inks	-



## Epsilon Range

CAPACITY	PRESSURE	TEMPERATURE
Up to 420 m³/h	Up to 72 bar	-10 up to 100°C
Up to 1849 gpm	Up to 1050 psi	14 up to 212 °F

APPLICATIONS		
Primary and secondary sludges	Waste oil	Dewatered sludge cake
Hydrated lime slurry	Starch slurries	Milk curds
Shear sensitive latex emulsion	Gypsum and silicate	Fruit juices
Sauces	Agricultural slurries	Hydraulic oil
Crude oil	Domestic and Industrial sewage	Mine de-watering



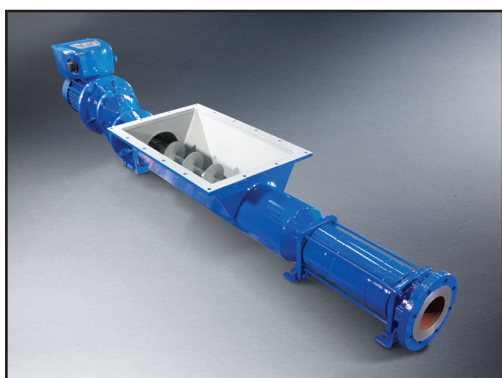
## Epsilon Vertical Range

CAPACITY	PRESSURE
Up to 225 m³/h	Up to 9 bar
Up to 990 gpm	Up to 130 psi

APPLICATIONS	
Open and closed drains	Separator feeds
Fractional sands	Blowdown sludges



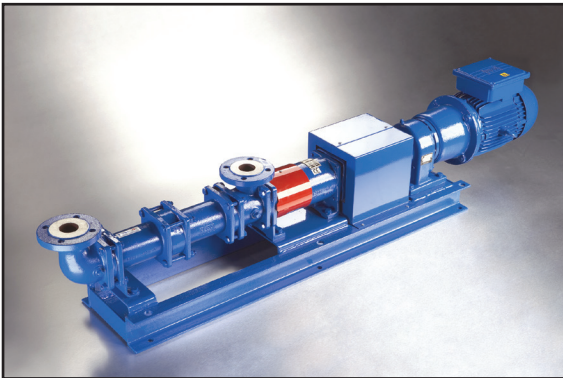
## Widethroat Pump



CAPACITY	PRESSURE	TEMPERATURE
Up to 215 m³/h	Up to 48 bar	-10 up to 100°C
Up to 946 gpm	Up to 700 psi	14 up to 212 °F

APPLICATIONS	
Sludges	Slurries
Thick non-flowing pastes	De-watered sludge cake
Meat purées	Bentonite slurry
Pharmaceutical filter cake	Chicken offal
Potato waste slurry	Highly viscous materials





CAPACITY	PRESSURE	TEMPERATURE
Up to 61 m <sup>3</sup> /h	Up to 10 bar	-10 up to 100°C
Up to 268 gpm	Up to 145 psi	14 up to 212 °F

APPLICATIONS		
Polyelectrolyte	Caustic solutions	Acids
Raw sewage	Diesel fuel oil	Carbon slurries
Digested sewage sludge	Clay slurry	Filter pressed sludges
Aluminium sulphate	Bentonite slurry	Coal slurries
Phosphoric acid	Cattle slurry	Alum

## Small Pumps



CAPACITY	PRESSURE	TEMPERATURE
Up to 3.5 m <sup>3</sup> /h	Up to 5 bar	0 - 70°C
Up to 12 gpm	Up to 72 psi	32 - 158 °F

APPLICATIONS		
Dosing applications	Water supply from wells or rivers	Garden sprinkler systems
Shampoo	Light creams	Flocculant
Diesel/fuel oils	Cosmetics	-
Hydraulic/lubricating oils	Water sampling	-
Septic tank/cesspit emptying	Cellar drainage	-

## EZstrip TR Muncher



The Muncher has been successfully installed for over 25 years into the following applications:

- protection of pumps to eliminate blockage
- high volume, fine grinding of sewage and sludges
- efficient maceration of extracted screenings, prior to treatment
- bulk reduction, material reclamation and profit from waste
- effective packaged pumping system, when combined with a EZstrip transfer pump

## Screens Range



### Features & Benefits:

- Intermeshing discs give a self cleaning screen area - no frequent raking and no secondary handling system.
- Head losses are kept to a minimum and are consistent throughout the operation of the unit (unlike bar or mesh screens which can give high head losses between cleaning cycles).
- Ability to remove up to 90% of solids with 2.5mm aperture and 9.0mm aperture.
- Individual discs can be replaced without need for costly maintenance.

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## CONTACT DETAILS

### HEAD OFFICE

ADDRESS: 375 Calliandra St  
Montana X91  
Pretoria  
TEL: (012) 548 7204  
E-MAIL: aqsmontana@aqslt.co.za

### CAPE TOWN

ADDRESS: Unit 1  
2 Tedric Street  
Stikland  
Cape Town  
TEL: (021) 948 4134  
E-MAIL: aqscapetown@aqslt.co.za

### STEELPOORT

ADDRESS: Unit 2  
Chrome Business Park  
Bergsering St  
Steelpoort  
TEL: (013) 230 9213  
E-MAIL: aqssteelpoort@aqslt.co.za

### WELKOM

ADDRESS: Unit 23D  
12th Street  
Voorspoed East  
Welkom  
TEL: (057) 355 1830  
E-MAIL: aqswelkom@aqslt.co.za

### FOCHVILLE

ADDRESS: Unit 10  
3 Munt St  
Fochville  
TEL: (018) 771 2393  
E-MAIL: aqsfochville@aqslt.co.za

### RUSTENBURG

ADDRESS: Unit 3 & 4  
ACBO Business Park  
93 Heefer St  
Rustenburg  
TEL: (014) 596 7735  
E-MAIL: aqsrus@aqslt.co.za

### DURBAN

ADDRESS: Unit 10 & 11  
Briardene Industrial Park  
28 Cordova Close  
Durban  
TEL: (031) 563 4301  
E-MAIL: aqskzn@aqslt.co.za

### KATHU

ADDRESS: Unit 11  
Camel Industrial Park  
C/O Hendrick van Eck Rd & Mine Rd  
Kathu  
TEL: (053) 010 1302  
E-MAIL: aqskathu2@aqslt.co.za