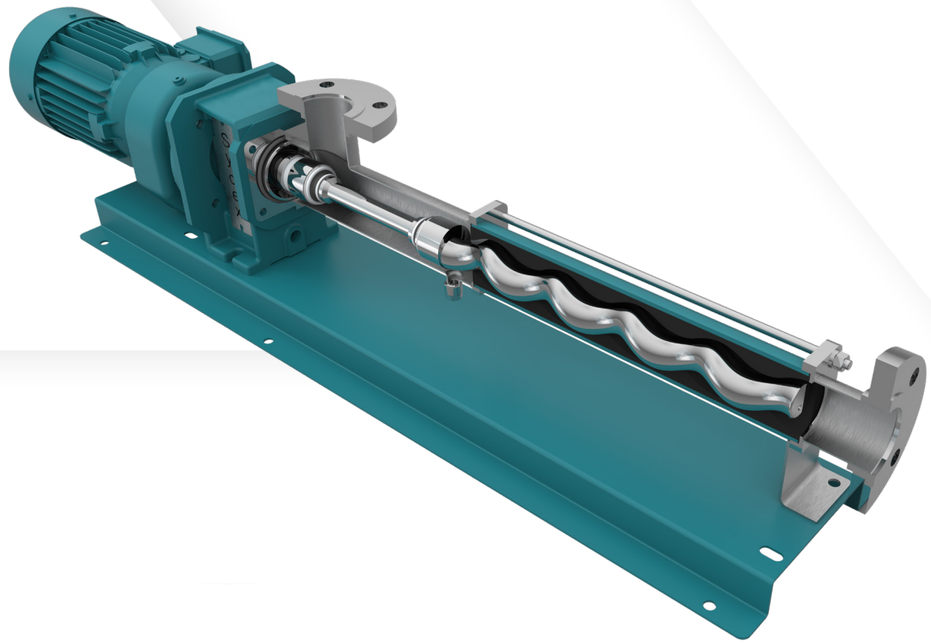
PRODUCTS OVERVIEW

Pumping solutions



SYDEX PUMP

Legendary Reliability

www.sydexpump.com

SYDEX SRL
via Baden Powell, 24 36045 LONIGO (VI)
(+39) 0444 432588
web@sydexpump.com

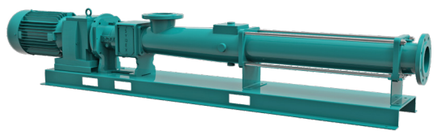
Progressing Cavity Pumps

OPERATING PRINCIPLE: The progressing cavity pump is a highly versatile positive displacement pump, suitable for a wide range of applications. Its operating principle is based on the interaction between a helical, eccentric rotor and a fixed elastomeric stator. As the rotor turns inside the stator, it creates pumping chambers that move the fluid uniformly from the inlet to the outlet without altering its properties.
Sydex progressing cavity pumps deliver a constant, steady flow, ensuring gentle pumping with no pulsations and minimal shear effect. Reliable and versatile, they are the ideal choice for any process requiring a stable flow, regardless of pressure or fluid viscosity.

K Range INDUSTRIAL PUMP

- Highly configurable
- Heavy-duty build
- Low-pulsation flow
- Quick servicing **(SyQuick)**
- Space-saving design
- 60 models

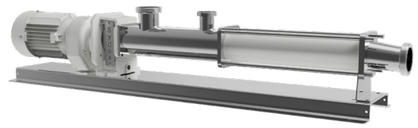
Flow rate: 0,1 to 300m³/h (0,66 to 1320 USGPM)
Pressure: up to 48 bar (696 PSI)



H Range HYGIENIC PUMP

- Durable and reliable
- Customizable design
- Easy maintenance
- CIP (Cleaning In Place)
- M.O.C.A and EC 1935/2004 compliant
- 36 models

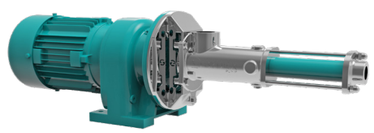
Flow rate: up to 140 m³/h (616 USGPM)
Pressure: up to 24 bar (348 PSI)



M Range METERING PUMP

- Accurate dosing
- Versatile
- Easy maintenance
- Compact
- ATEX version available
- 4 models

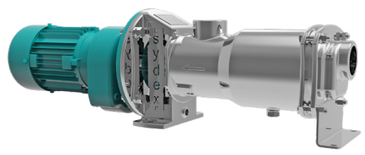
Flow rate: 3 l/h to 300 l/h (0,013 to 1,32 USGPM)
Pressure: up to 72 bar (1044 PSI)



FM Range FREE MOULDED

- Compact design
- Easy maintenance
- Cost effective solution
- Several materials available
- Different configurations available
- 8 models

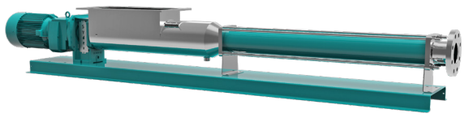
Flow rate: up to 18 m³/h (up to 79 USGPM)
Pressure: up to 4 bar (58 PSI)



W Range HOPPER PUMP

- Robust
- Compact design
- Hopper with feeding screw
- Customizable design
- Ideal for high-viscousity products
- 34 models

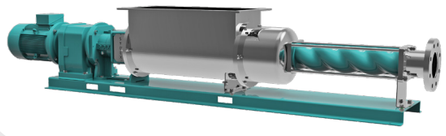
Flow rate: 0,1 to 200 m³/h (0,44 to 880 USGPM)
Pressure: up to 24 bar (348 PSI)



G Range HIGH-DRY CONTENT PUMP

- Robust design
- Ideal for dehydrated and high-density fluids
- Customizable design
- Quick access for service
- Bridge breaker available
- 22 models

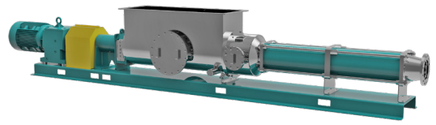
Flow rate: up to 100 m³/h (440 USGPM)
Pressure: up to 48 bar (696 PSI)



G Bio Range BIOGAS PUMP

- Heavy duty
- Continuous feeding
- High mixing efficiency
- Robust and reliable
- Low maintenance
- Large vertical hopper

Flow rate: up to 80 m³/h (352 USGPM)
Pressure: up to 12 bar (174 PSI)



E Range VERTICAL PUMP

- Semi-submersible design
- Ideal for low NPSH conditions
- BE version for barrel use
- Compact and space-saving

Flow rate: 0,1 m³/h to 5 m³/h
Pressure: up to 12 bar (174 PSI)



Peristaltic pumps

Simple in design, efficient in performance, and ideal even for sensitive fluids, ensures a precise and controlled transfer

OPERATING PRINCIPLE:
The peristaltic pump is a positive displacement pump that moves fluids by mechanically compressing and then releasing a flexible hose. In this way, the fluid is drawn in and pushed forward. A rotating roller or shoe creates a seal that, as it moves with the rotor's action, conveys the fluid toward the outlet. When the hose returns to its original shape, it generates the vacuum needed to draw in more product. This mechanism ensures a positive, self-priming, and reliable pumping action.

SyFlex

- Ideal for abrasive, corrosive, viscous fluids and those containing suspended solids
- Gentle handling
- No risk of contamination
- High dosing accuracy
- No risk of damage in the event of dry running
- No seals required
- Reduced maintenance time and cost
- 11 models

Flow rate: up to 30 m³/h (132 USGPM)
Pressure: up to 15 bar (217 PSI)



Industrial Grinders & Macerators

Eliminator C031 Cutter:
FREE MOULDED PUMP WITH BLADES

- Engineered to macerate soft particles
- Compact design
- Easy maintenance
- Ideal for marine applications and portable toilets

Flow rate: up to 3,5 m³/h (15 USGPM)
Pressure: up to 6 bar (87 PSI)



Defender INDUSTRIAL GRINDER:
Protects pumps and plant from the risk of damage and downtime

- Heavy duty
- Minimum head loss
- Bidirectional blades rotation
- Cost effective maintenance
- 3 models

Flow rate:
up to 200 m³/h (800 USGPM)

