EXION VIETNAM

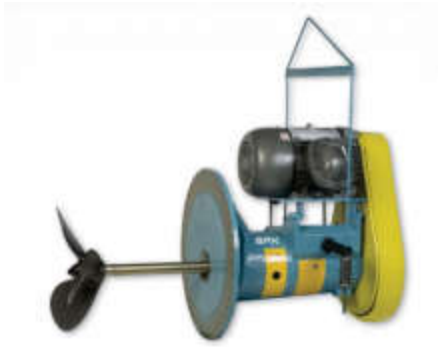
A PON COMPANY

Rotating Department

Representative products

Mixer: **SPX Lightnin ,**

Mixer: **SPX Plenty**



Centrifugal pump:
WILFLEY

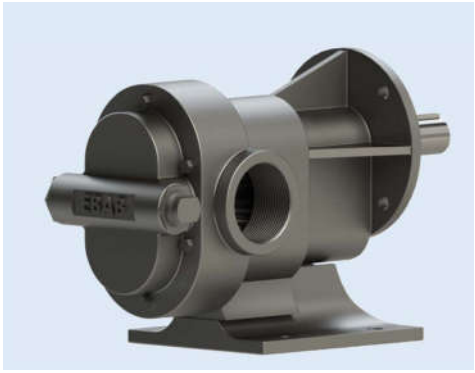
Diaphragm pump:
SPX Bran & Luebbe

Progressive Cavity pump (Screw pump): **PCM**

Representative products

SPX Johnson Pump

Inno Pump



Lobe pump:
OMAC

Metering pump:
FIMARS,

Representative products

Explosion protection:

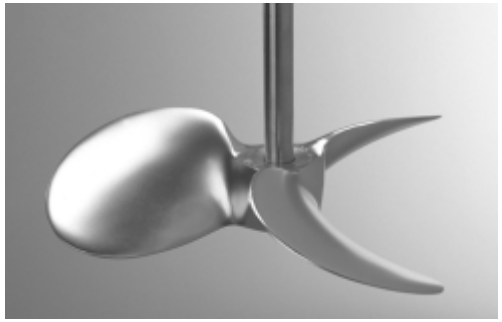
FIKE

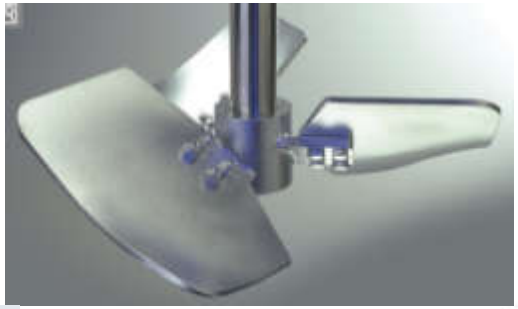
Explosion vent

Flameless Explosion venting

LIGHTNIN MIXER

LIGHTNIN MIXER

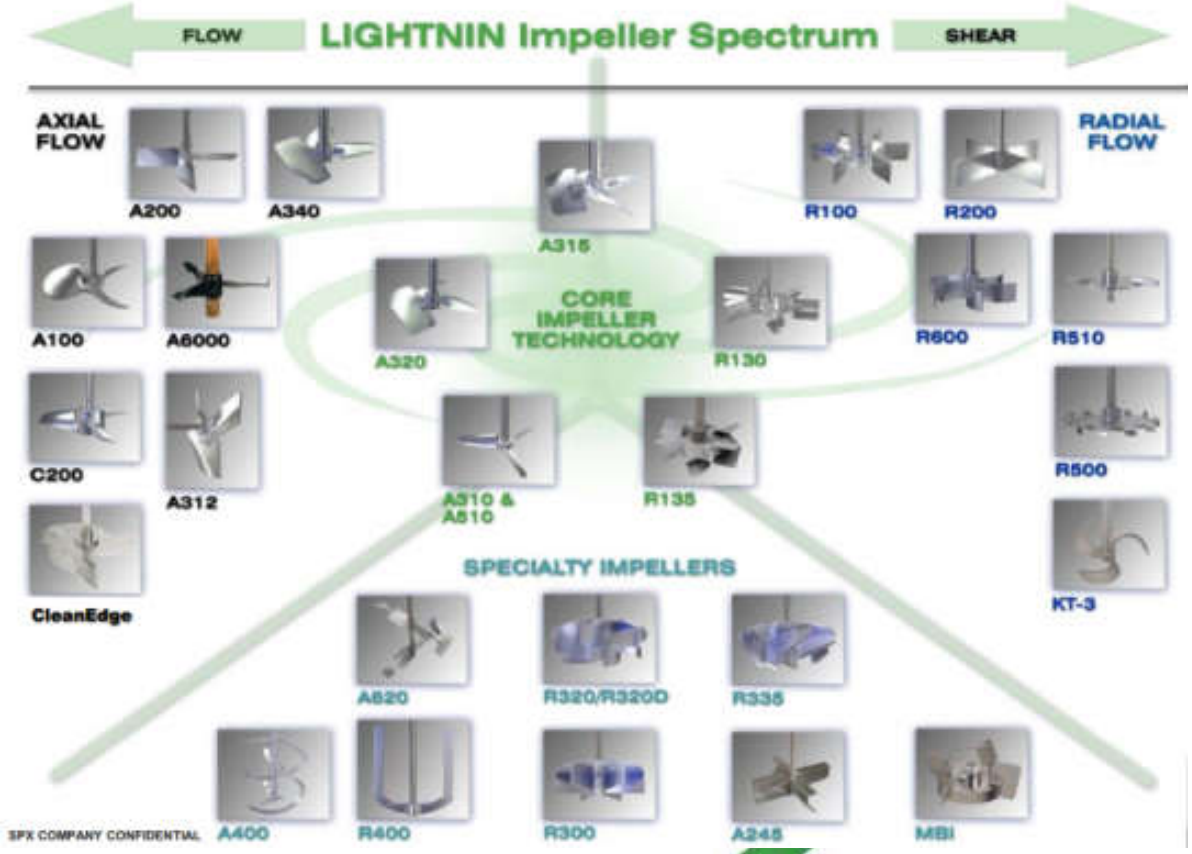




SPXFLOW

LIGHTNIN MIXER

- **Guarantee mixing process** for customers
- Safe and reliable options
- Optimal impeller and shaft design for specific applications



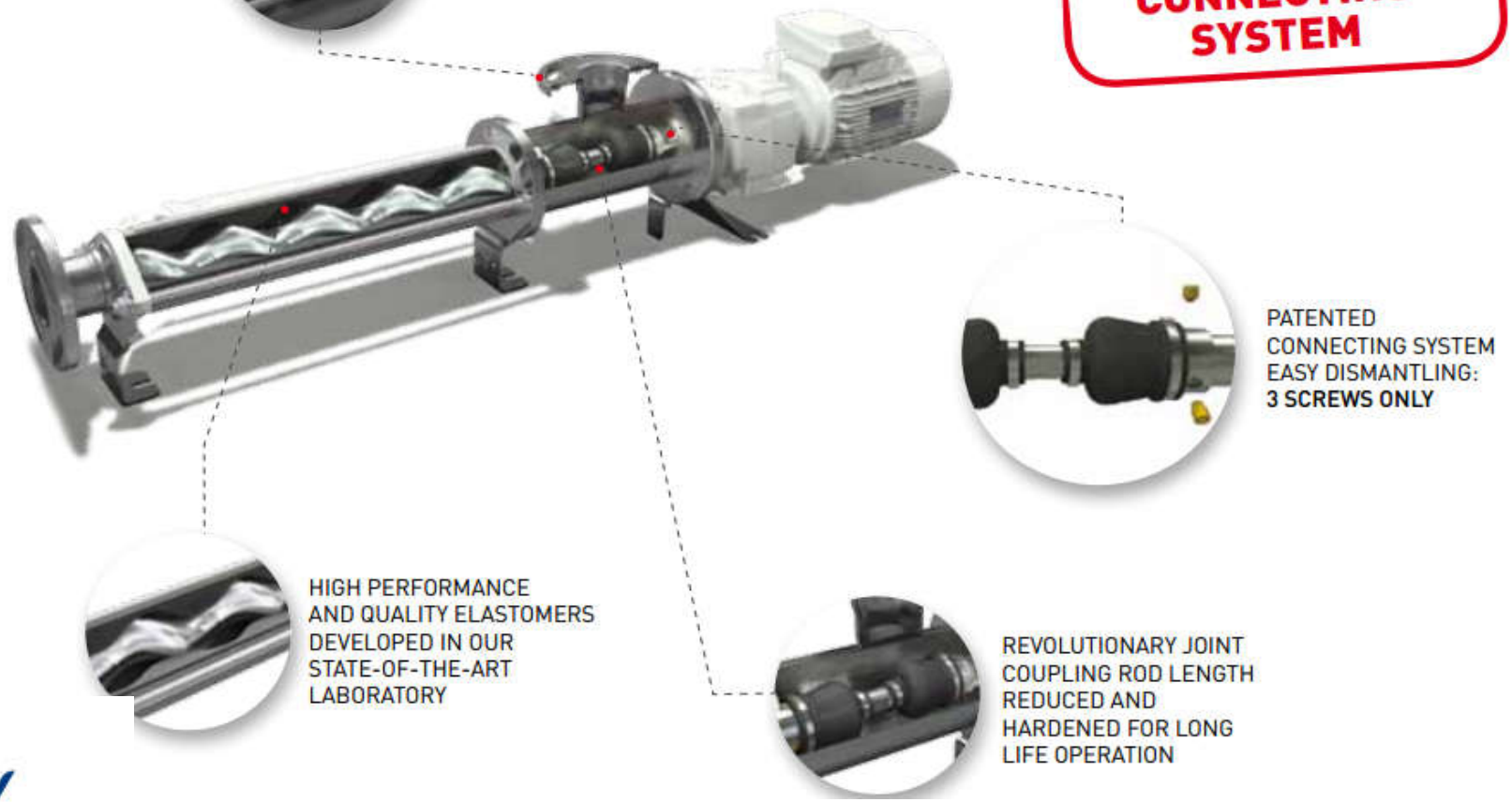
SPXFLOW

ADVANTAGES

Progressive Cavity pump

PCM Keep it moving

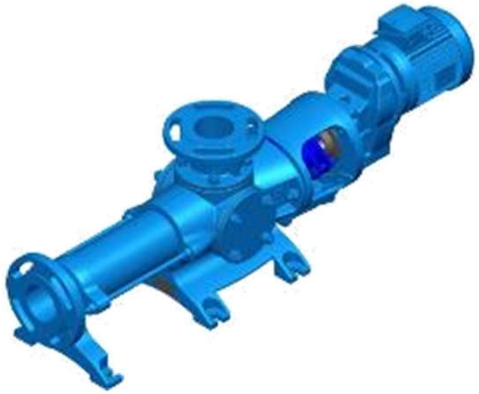
Progressive Cavity pump



PCM Keep it moving

Progressive Cavity pump

Up to 500 m^3/h (I series)
Up to 24 bar



PCM Keep it moving

Progressive Cavity pump

Growing viscosity

GTA

Up to 30 m3/h
Up to 12 bar
Up to 8% dry matter

GCA-GVA

Up to 50/30 m3/h
Up to 24 bar
Up to 18/35% dry matter

GBB

Up to 32 m3/h
Up to 24 bar
Up to 45% dry matter
Lime addition

PCM Keep it moving

Hose pump

DELASCO ®

DL & DSC

Up to 65 m3/h
Up to 15 bar

Z

Up to 18 m3/h
Up to 3 bar peak

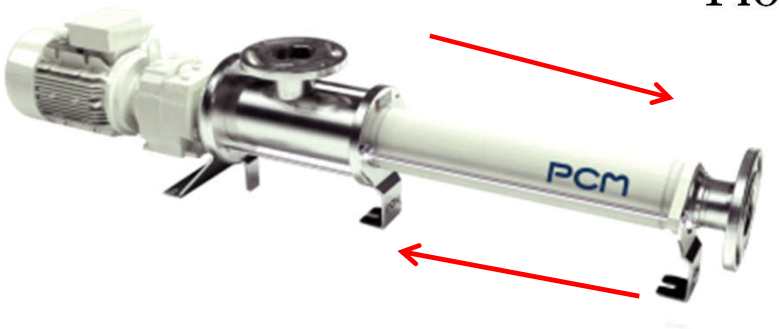
PMA

Up to 200L/h
Up to 1.5 bar

PCM Keep it moving

Progressive Cavity pump

- **Handles both fragile and viscous products**
- **Reversible**
- Constant non-pulsating flow
- Easy to maintain
- Flow rate proportional to running speed



PCM Keep it moving

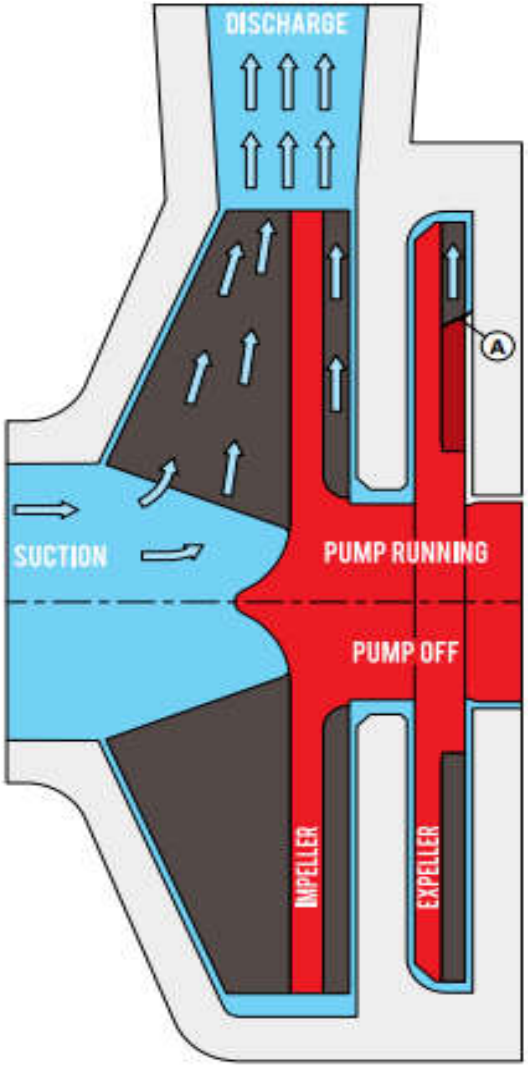
WILFLEY®

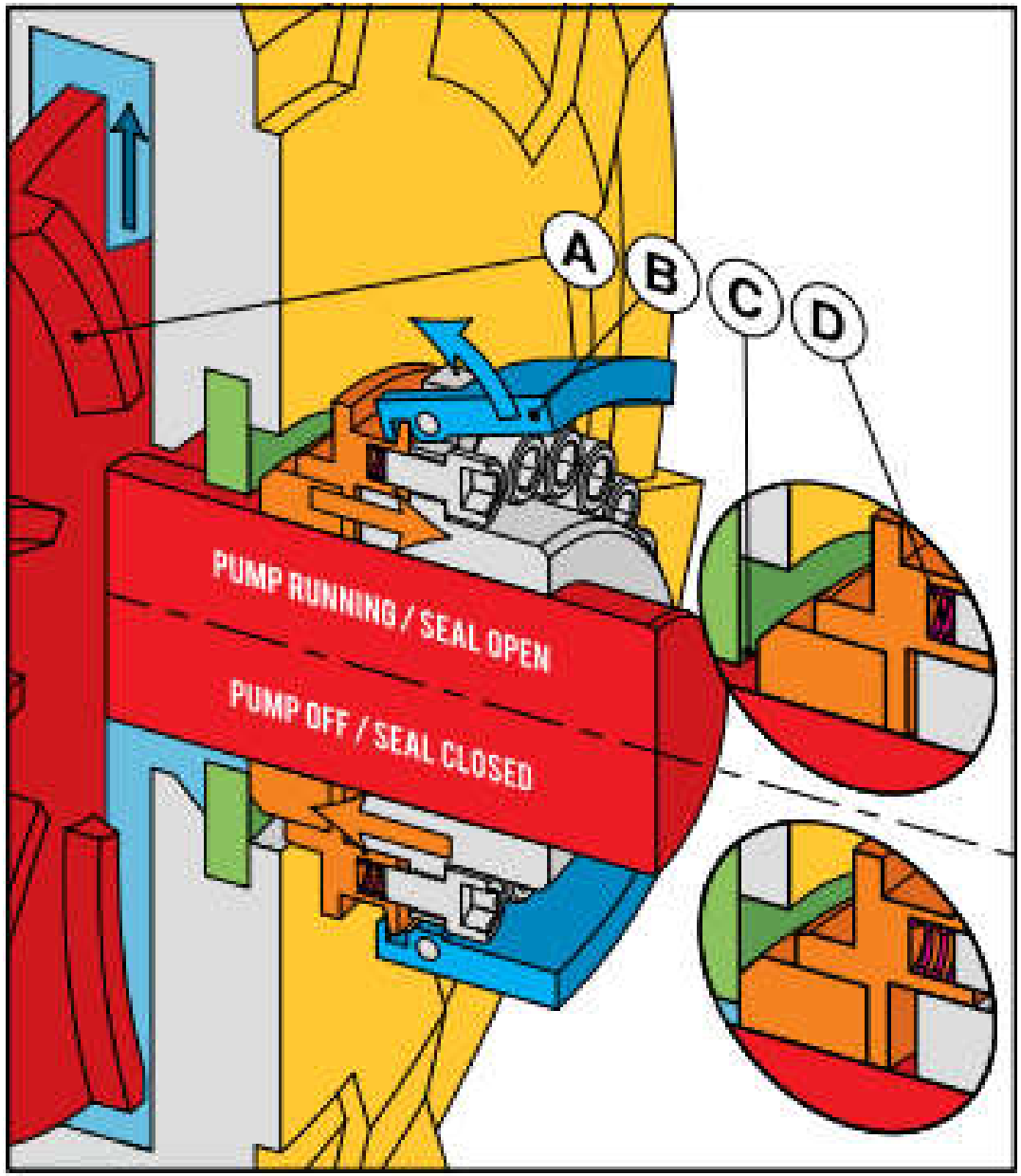
HEAVY DUTY CENTRIFUGAL PUMPS

Wilfley Sealing Technology

No Flush Water Required

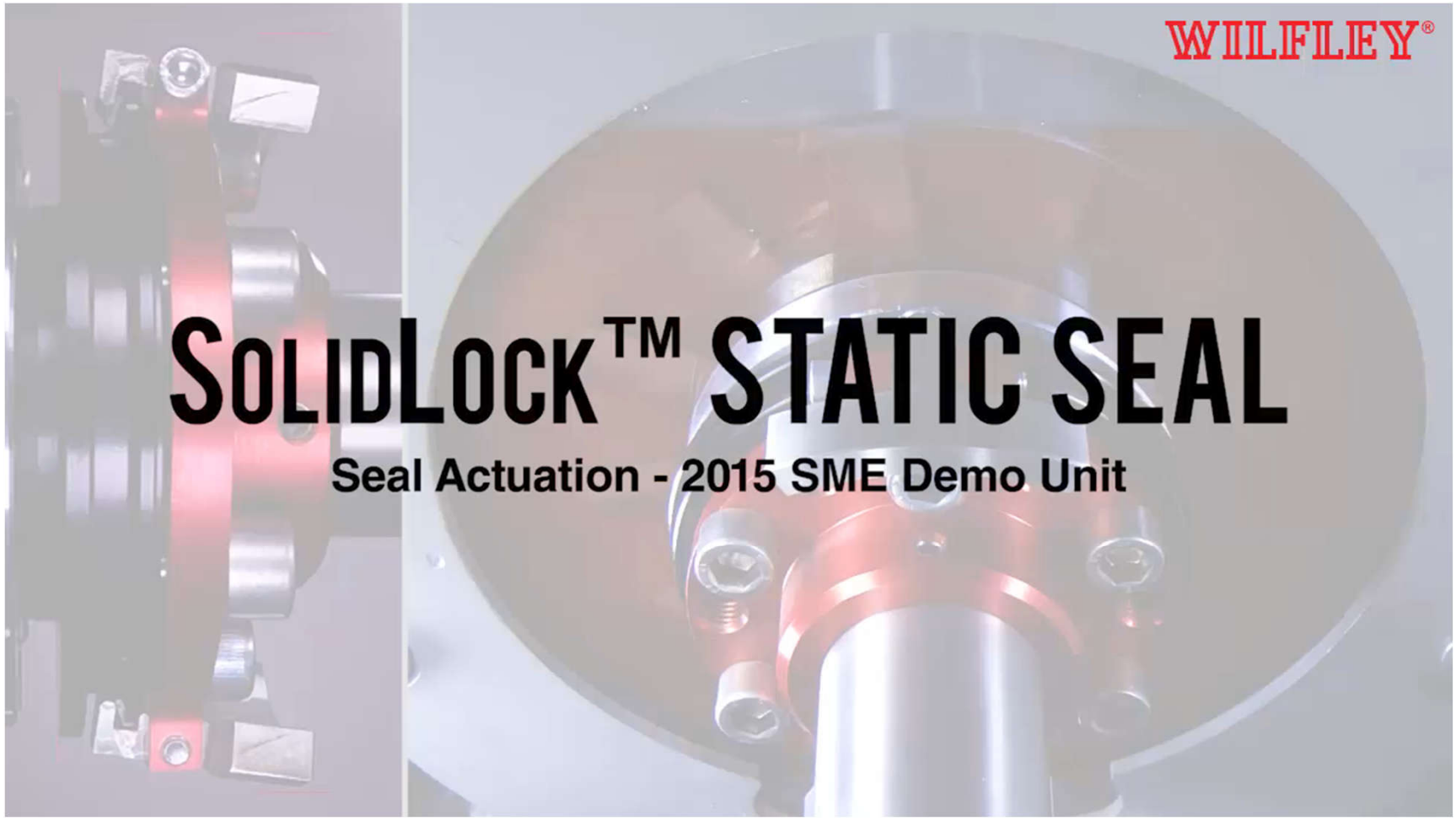

WILFLEY
HEAVY DUTY CENTRIFUGAL PUMPS
The most
PIONEERING,
RELIABLE, &
ENDURING
industrial pump company in the world.





WILFLEY

HEAVY DUTY CENTRIFUGAL PUMPS



WILFLEY
HEAVY DUTY CENTRIFUGAL PUMPS

- Premier sealing solution for the toughest pumping application

- Leak free operation at all times

- Zero flush water required

- Excellent solids/slurry handling capabilities
- Easy to install and maintain

- Reduces maintenance costs and maximizes production time

WILFLEY
HEAVY DUTY CENTRIFUGAL PUMPS

Introduction – Nikkiso ACD

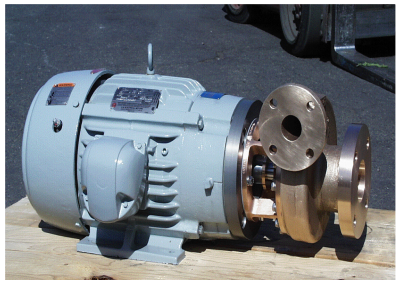
Nikkiso ACD headquarter, Santa Ana, USA

Disneyland, 15 minutes from Nikkiso ACD

LAX airport, 45 minutes from Nikkiso ACD

Introduction – Nikkiso ACD

- *Reciprocating Pumps*
- *Centrifugal Pumps*
- *Turboexpander Systems*
- ***Application:** LNG, liquid hydrogen, oxygen, nitrous oxide, nitrogen, argon, ethylene, CO2*



Reciprocating Pumps

- *P2K, ACPD, P1100,*

  X9, SGV, SLS, etc.

Centrifugal Pumps

- *TC34, TC30, TC21, TC50, AC14, Lectran, etc.*







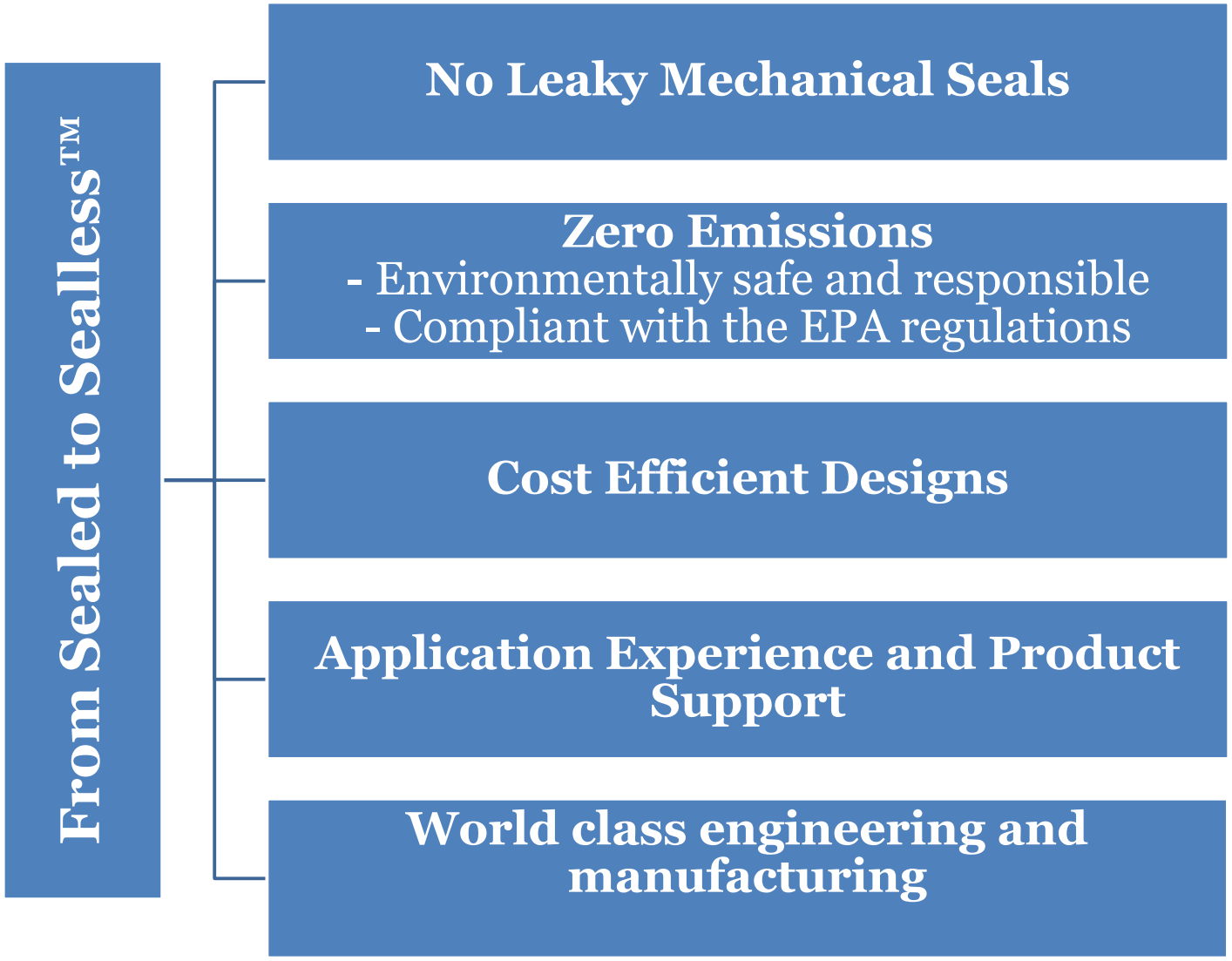
Turbo Expander

- *TC, TH & THC series*

Sundyne ANSIMAG

Non-Metallic, Magnet Drive Sealless Pumps

Sundyne ANSIMAG

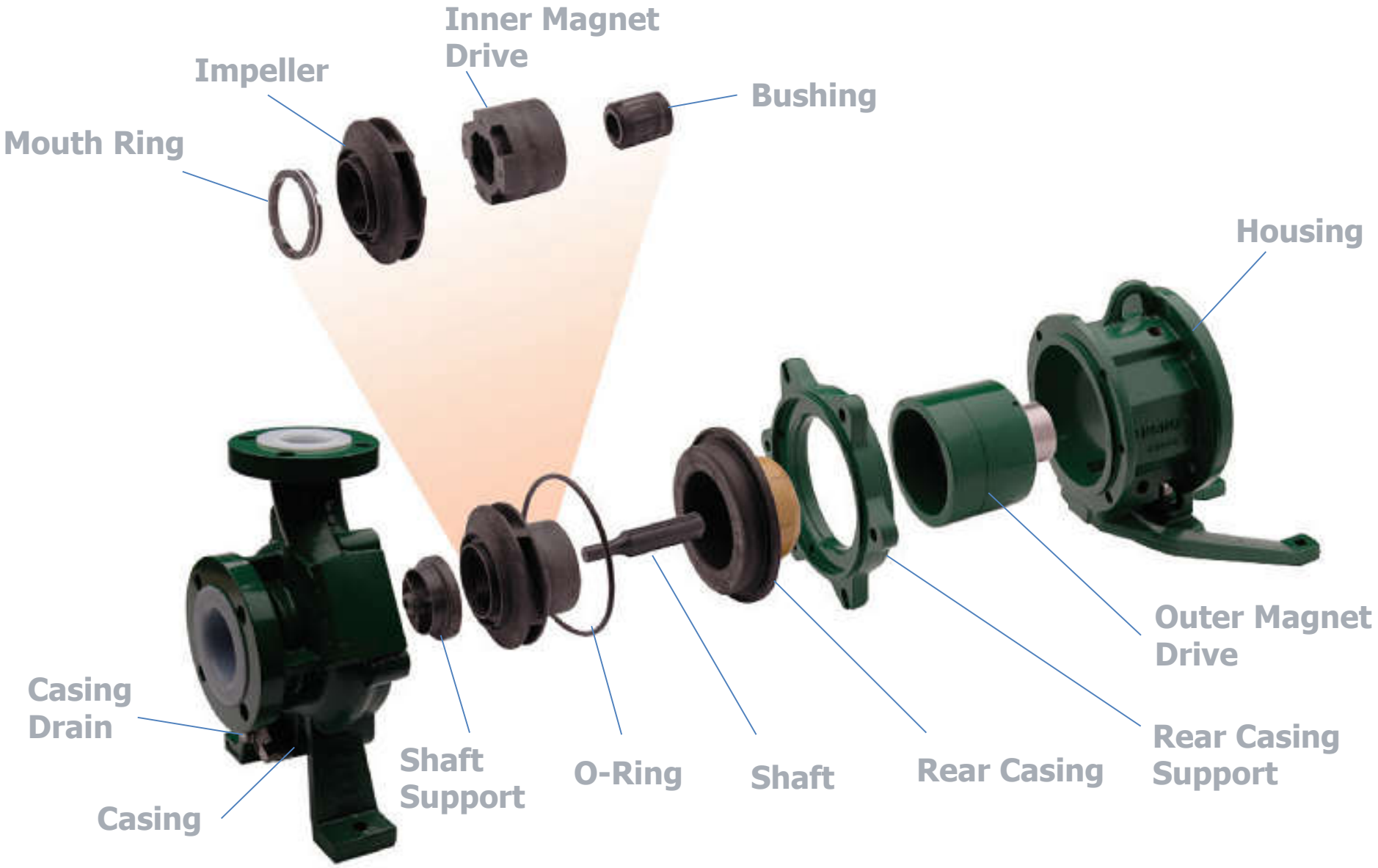


Sundyne ANSIMAG

Ansimag K Series--Simple by Design

- **Reliability**
- **Quick, Easy Maintenanc**
- **Durable, System Tolerant Design**

Construction



Material Construction

- **Casing:** ETFE Lined Ductile Iron
- **Impeller:** Carbon Fiber Reinforced ETFE
- **Inner Magnet Drive:** Carbon Fiber Reinforced ETFE /Neodymium Iron Boron
- **Shaft:** Silicon Carbide
- **Bushing:** Silicon Carbide
- **Shaft Support:** Reinforced ETFE / Silicon Carbide
- **Mouth Ring**

- Standard: Carbon Fiber Reinforced PTFE
- Optional: Silicon Carbide

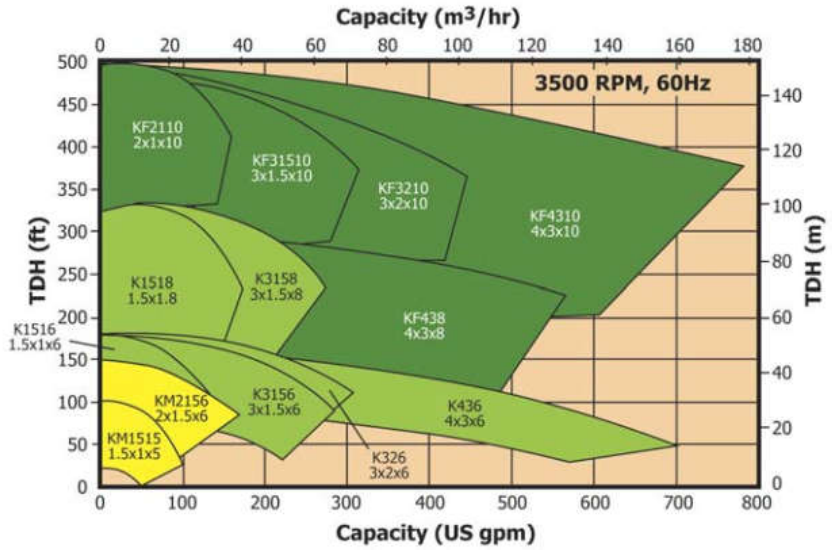
- **O-Ring**

- Standard: Viton
- Optional: EPDM, PTFE Encapsulated Viton

- **Rear Casing:** Carbon Fiber Reinforced ETFE and Kevlar Reinforced Vinyl Ester
- **Outer Magnet Drive:** Ductile Iron / Neodymium Iron Boron
- **Rear Casing Support:** Powder Coated Ductile Iron
- **Housing:** Powder Coated Ductile Iron

Working Range

Performance Envelopes



Specifications

- Flow: to 1400 GPM (318 m³/h)
- Head: to 500 feet (152 m)
- Temp: -120°F to 250°F (-84°C to 121°C)
- Pressure: to 350 psi (24 Bar)
- Design Standard: ANSI B73.3 (K+ and KF)