

goodwin
pumps®



Introducing Godwin Pumps



- Established in 1886
- Major expansions in 1930, 1960, 1981 2006.
- Acquired by Mr. John Paz in 2001.
- Purchased by ITT 2010.

- ISO 9002 certified.
- 10,000 square meter manufacturing facility.
- Distributor network around the world.



godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

BECOME PROFICIENT!



We at Godwin pride ourselves on ensuring answers are found to all your questions before mistakes are made, so please do make use of us!

godwin
pumps.



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

BEFORE



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

AFTER 3 MONTHS



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

BEFORE



godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

AFTER 9 WEEKS



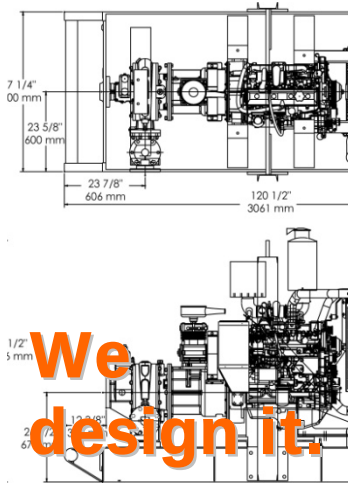
godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

Godwin pumps:

"We're not only the best at what we do..."



We design it.



We build it.



We stock it.



We test it.



We sell it.



We rent it.



We service it.

godwin
pumps.



**Think Orange. Think Godwin.
Great Pumps. Great People.®**

We're the only ones who do what we do.

Godwin Pumps



- Assemblers.
- All units are built by our own employees.
- Own Paint shop
- Final assembly.
- Own test facility.
- Own R&D.
- Repair & Service.
- Trained and qualified service engineers.



godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

Godwin Pumps



- Huge inventory.
- Spare parts for immediate dispatch.
- Large and small.
- Engines in stock.
- Pumps in stock.



godwin
pumps



*Think Orange. Think Godwin.
Great Pumps. Great People.®*



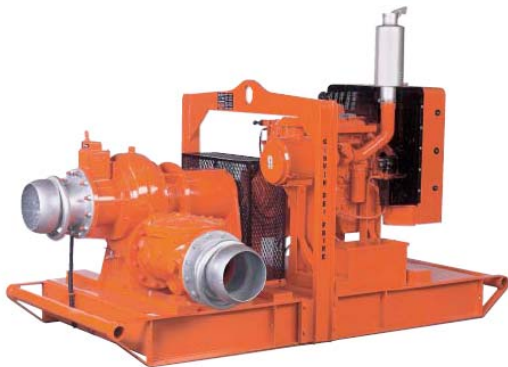
THE GODWIN RANGE

godwin
pumps®



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

GODWIN PUMPS FEATURE A COMPLETE LINE PUMPS TO MEET ANY PORTABLE PUMPING JOB REQUIREMENTS:

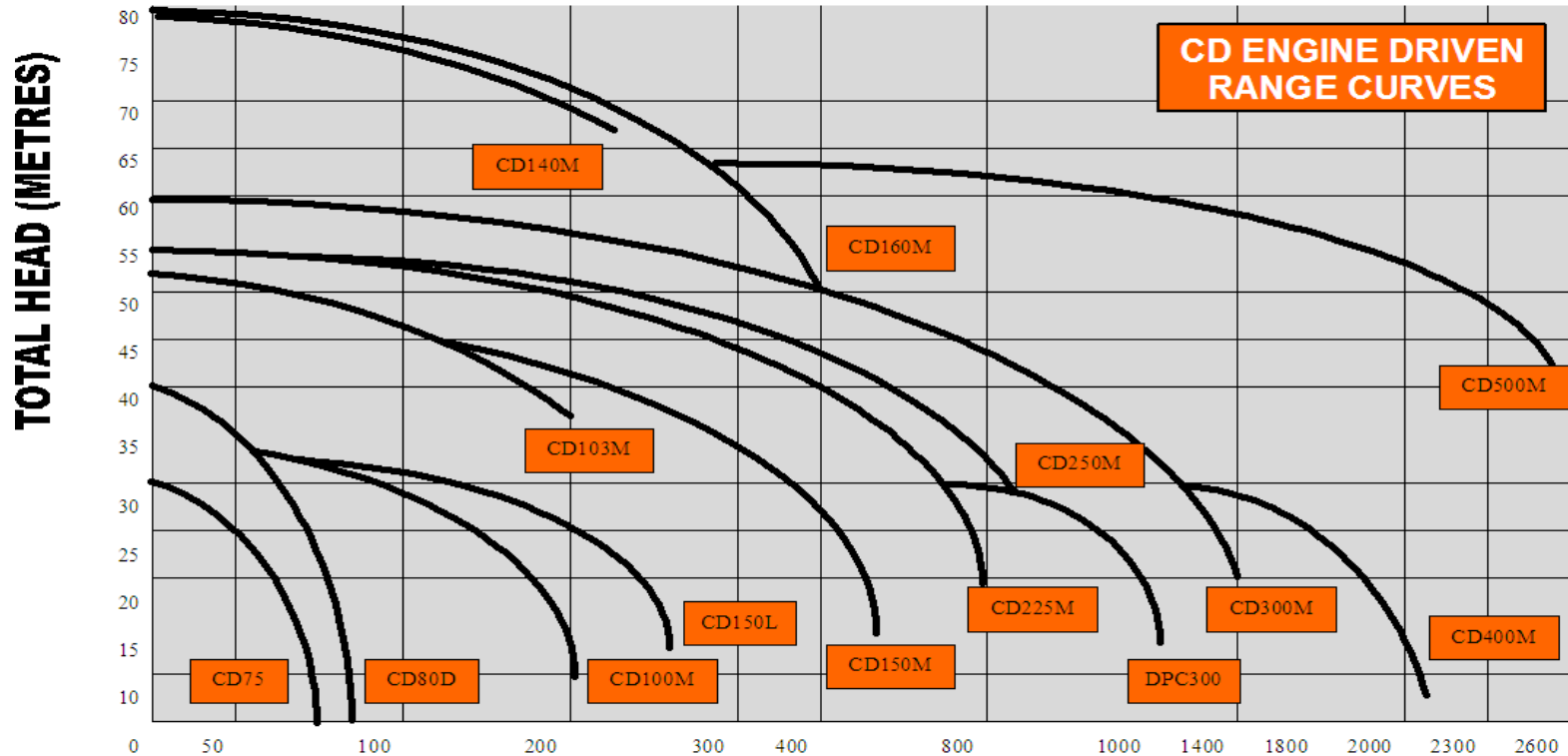


godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

CD - DRI-PRIME PUMPS



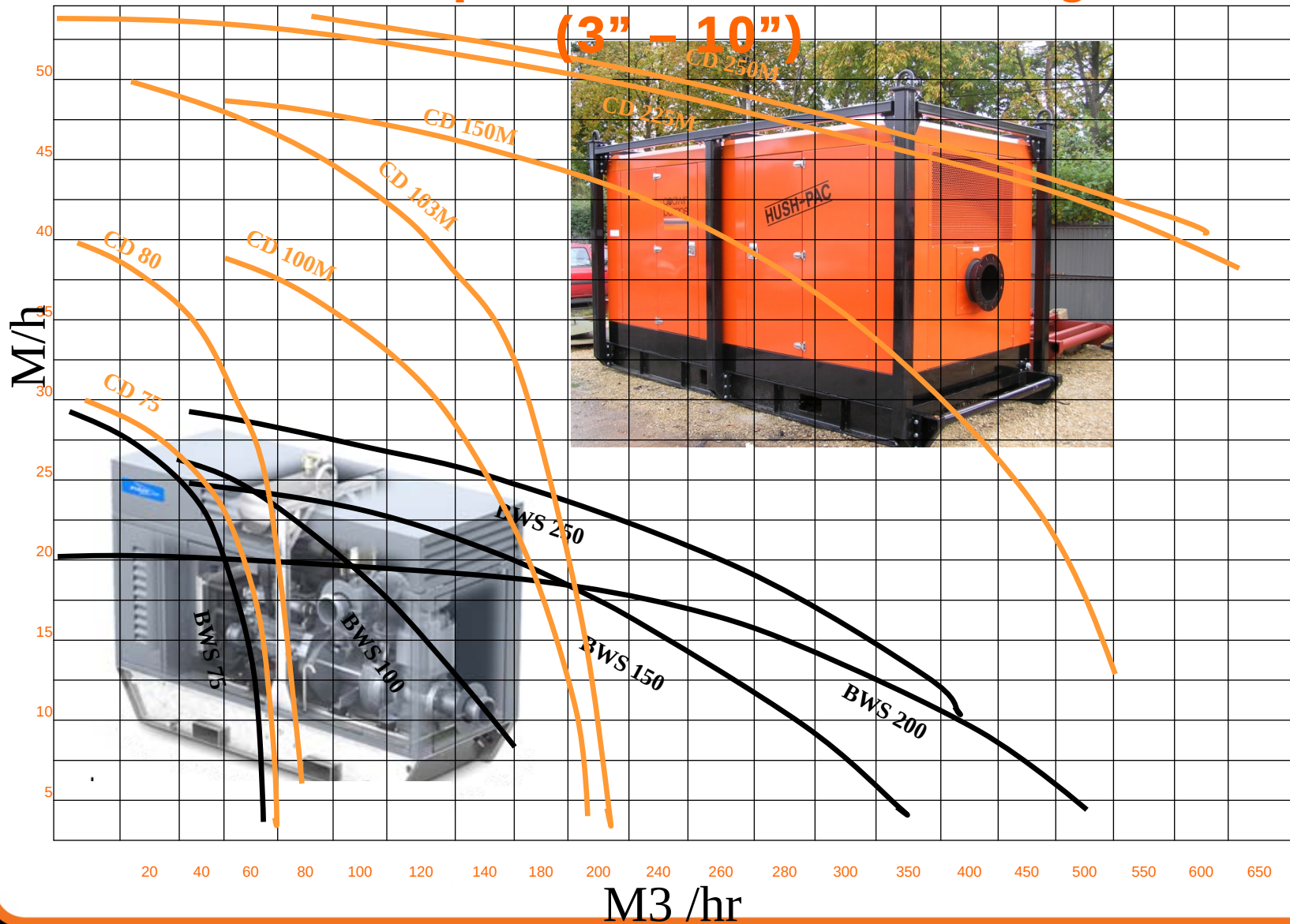
godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

ITT Wellpoint V Godwin CD Range

(3" - 10")



CD 500 DRI-PRIME



- **600mmX450mm.**
- **Max Head 61m.**
- **Max Flow
3,066m³/h.**
- **100mm Solids
Handling..**



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

Solids Handling

**CD Range of Elevated Head Pumps for
Solid Handling Capacities of up to
75mm**

CD140M 100mm pump with 75mm solids handling.

CD160M 150mm pump with 75mm solids handling.

CD180M 200X150mm pump with 75mm solids handling.

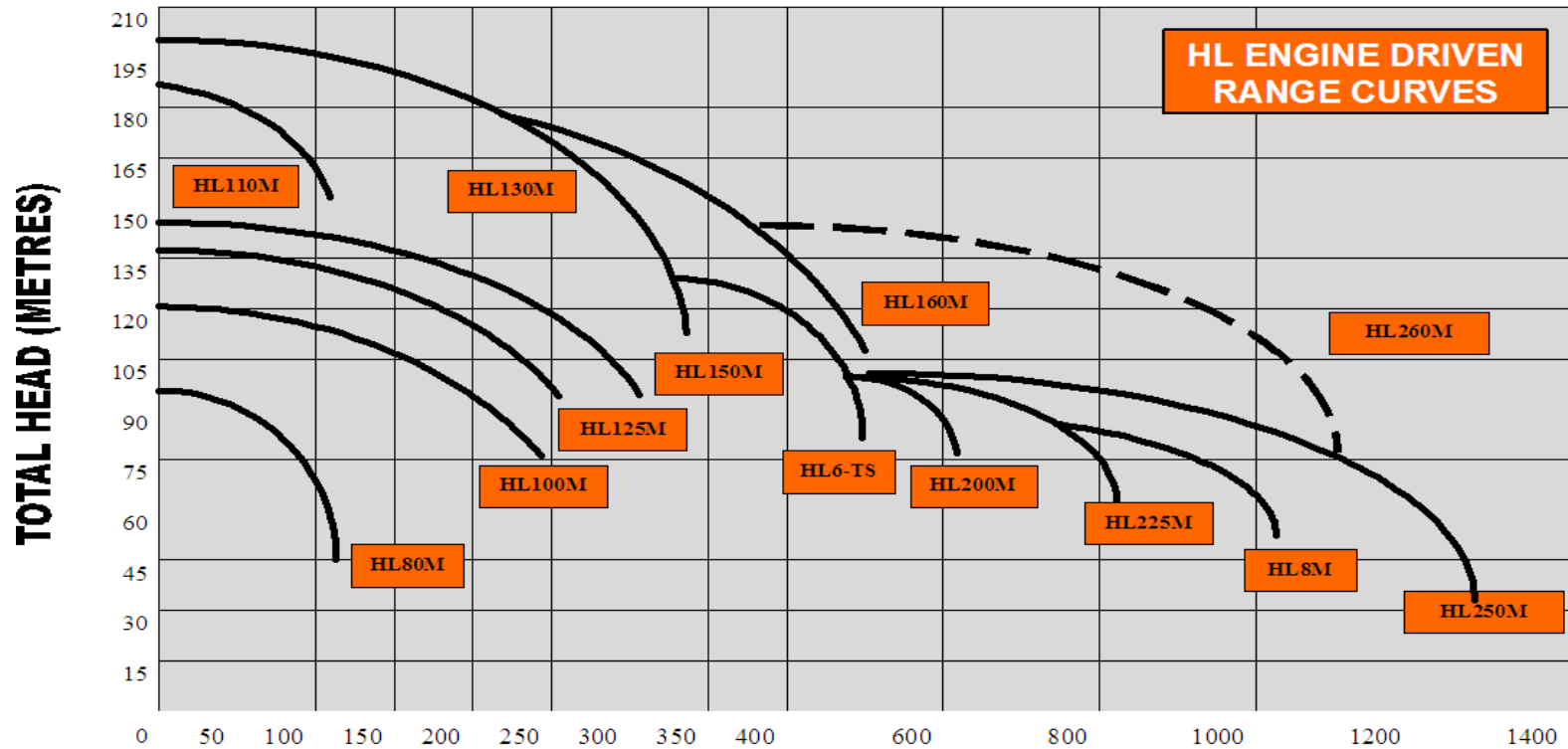
HEADS OF OVER 80M..

godwin
pumps.



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

HL - DRI-PRIME PUMPS



godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

COMPARISON: CD vs. HL



CD150M

6" X 6"

- Flow: 0 – 400 m³/hr
- Max. Head: 50m
- Engine: Perkins 404-22 (std.)
- Power: 18.5kw @ 1500 rpm
- Engine: Perkins 1104C-44T
- Power: 65kw @ 2200 rpm



HL150M

6" X 6"

- Flow: 0 – 350 m³/hr
- Max. Head: 152m
- Engine: Perkins 1006-60T
- Power: 77kw @ 1800 rpm
- Engine: Perkins 1006-60TW
- Power: 108kw @ 2000 rpm..

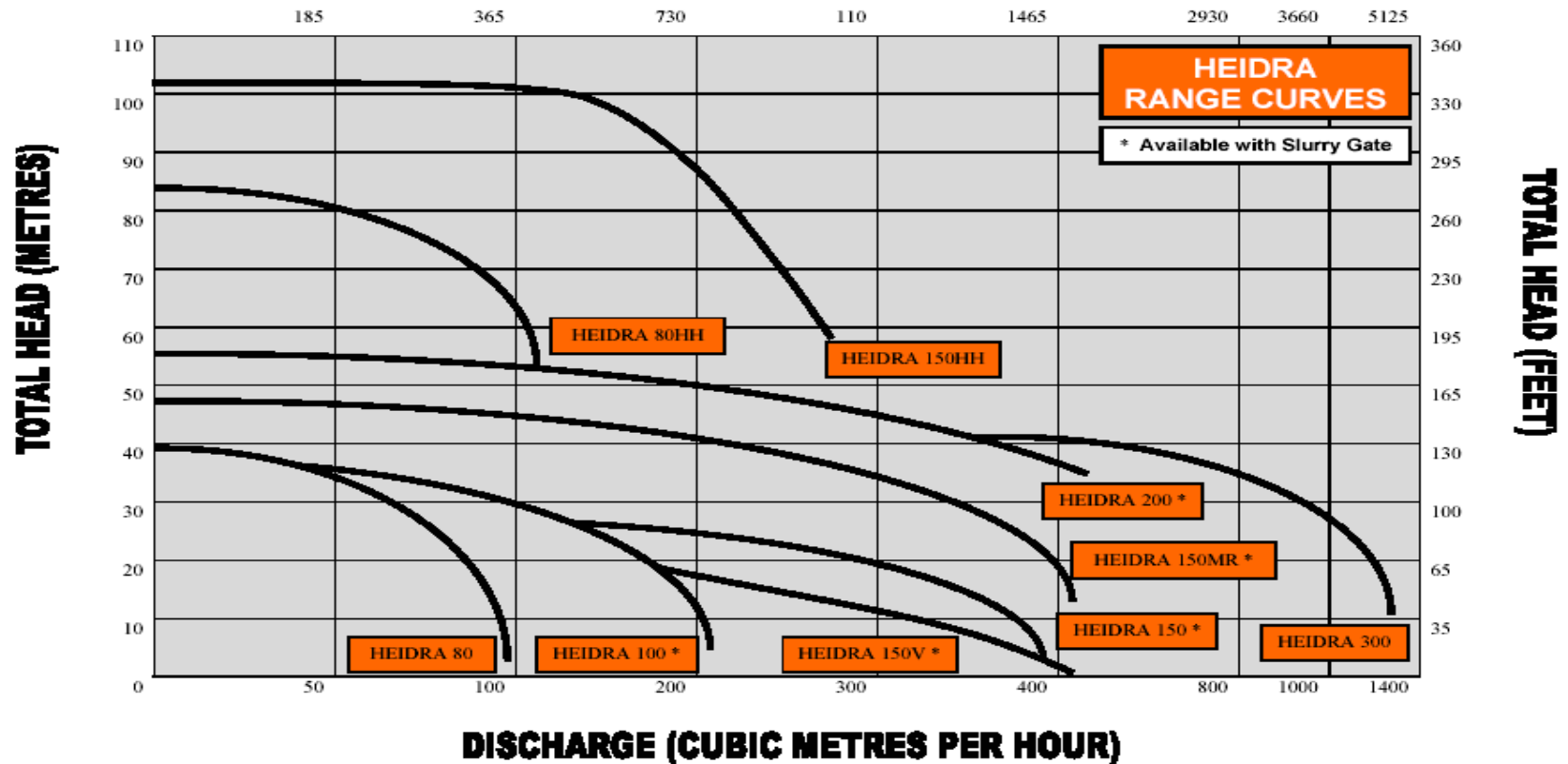
godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

HEIDRA SUBMERSIBLES

DISCHARGE (IMPERIAL GALLONS PER MINUTE)



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

HEIDRA PUMP FEATURES



- Hydraulic Driven
- Trolley mounted
- Hushpac
- Flows up to 400 m³/hr
- Heads up to 140 m
- Speeds up to 2400 rpm
- Sizes up to 300 mm
- Temp up to 80°C
- Max solids size 125mm

godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

HEIDRA 300



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

ROAD RAMPS

- **Maintain road access during bypasses**
 - Road ramps
 - Reduced cost
 - Reduced disruption
 - Pedestrian/Traffic



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

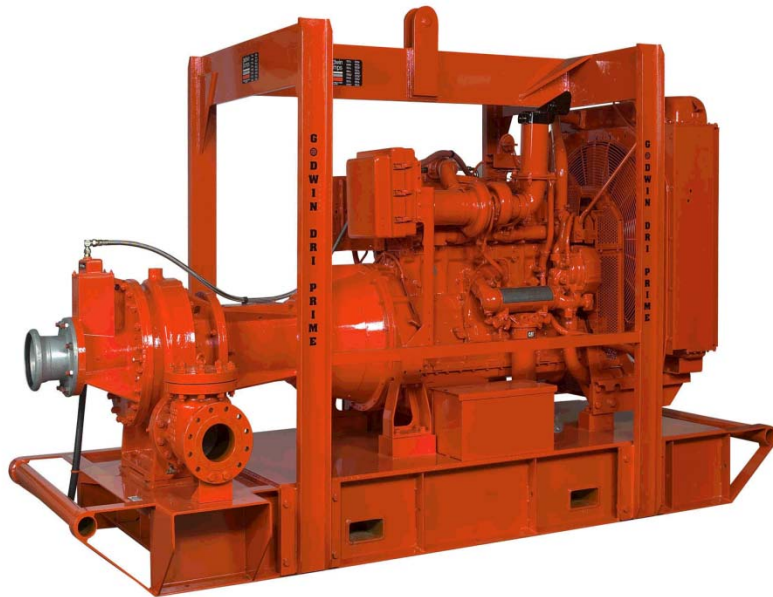
FEATURES AND BENEFITS

godwin
pumps®



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

DRI-PRIME PUMPS



WHAT IS DRI – PRIME?
The ability to automatically prime and re-prime a pump from dry conditions to a depth of 8 meters.

godwin
pumps.



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

FULLY AUTOMATIC SELF PRIMING

- **This system can work without a person being present**
- **It can be controlled automatically saving fuel and man hours.**
- **No moving parts which means nothing to break down and saving on spares inventory.**

Other Common Priming Systems

- **Vacuum**
- **Diaphragm**



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

GODWIN DRI-PRIME FEATURES

Venturi air evacuation: automatic priming

- 28' of vacuum lift
- No moving parts
- Requires no product for priming
- Continuous operational
- Re-priming automatically

Oil bath mechanical seal:

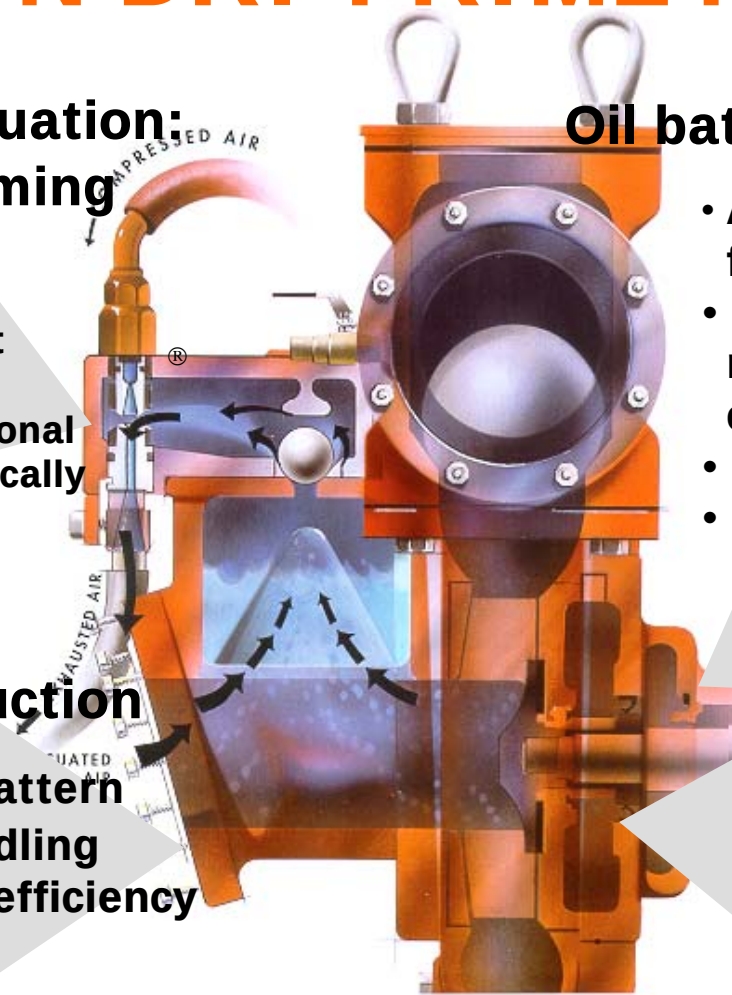
- Allows pump to prime from dry
- Solid silicon carbide rotating and stationary elements
- Isolated from pumpage
- Indefinite dry-running

Straight Line Suction

- Improved flow pattern
- Better solids handling
- Increased pump efficiency

Cast Chromium Steel Impeller:

- Won't shatter
- Longer wear
- Superior material of construction

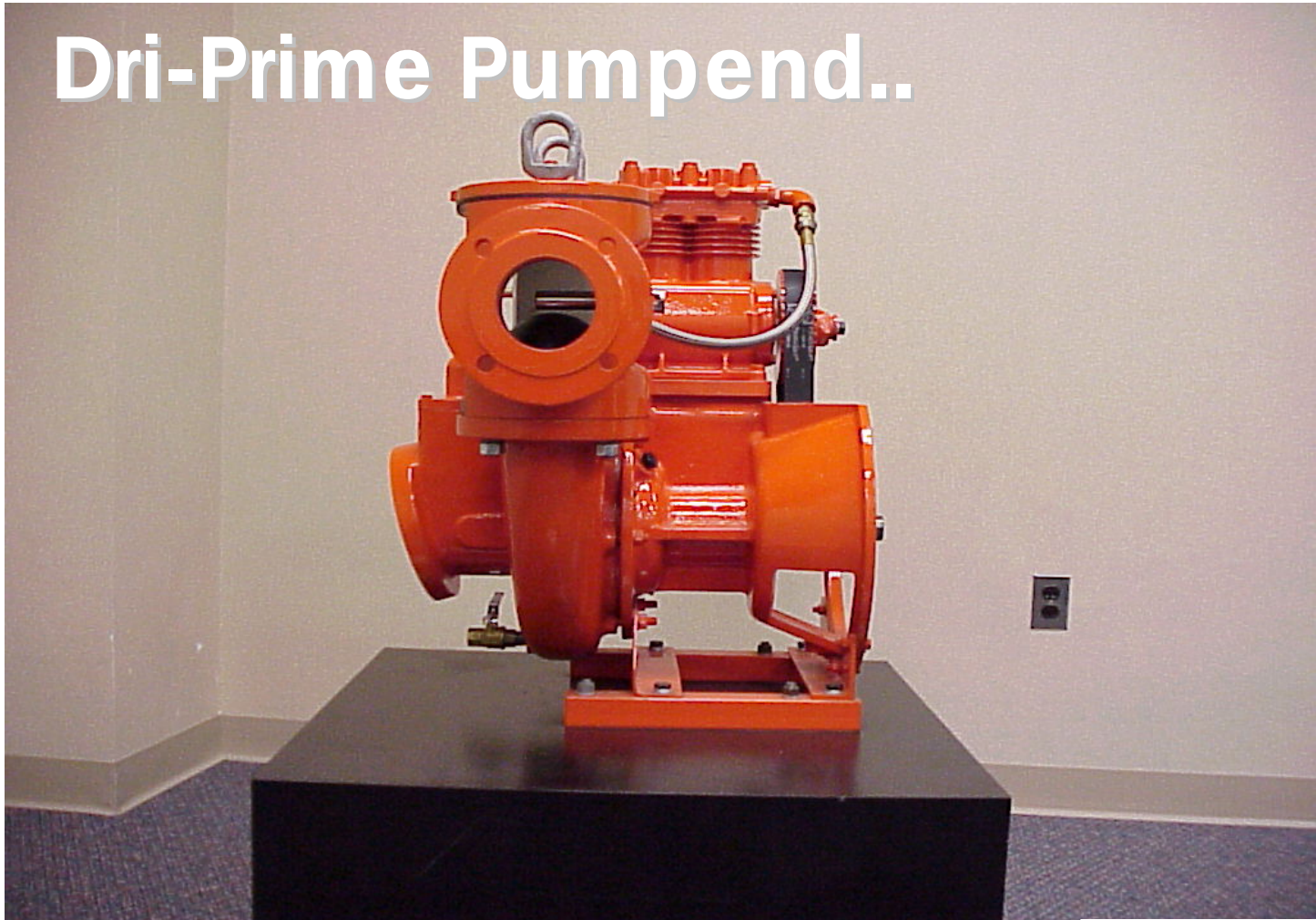


godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

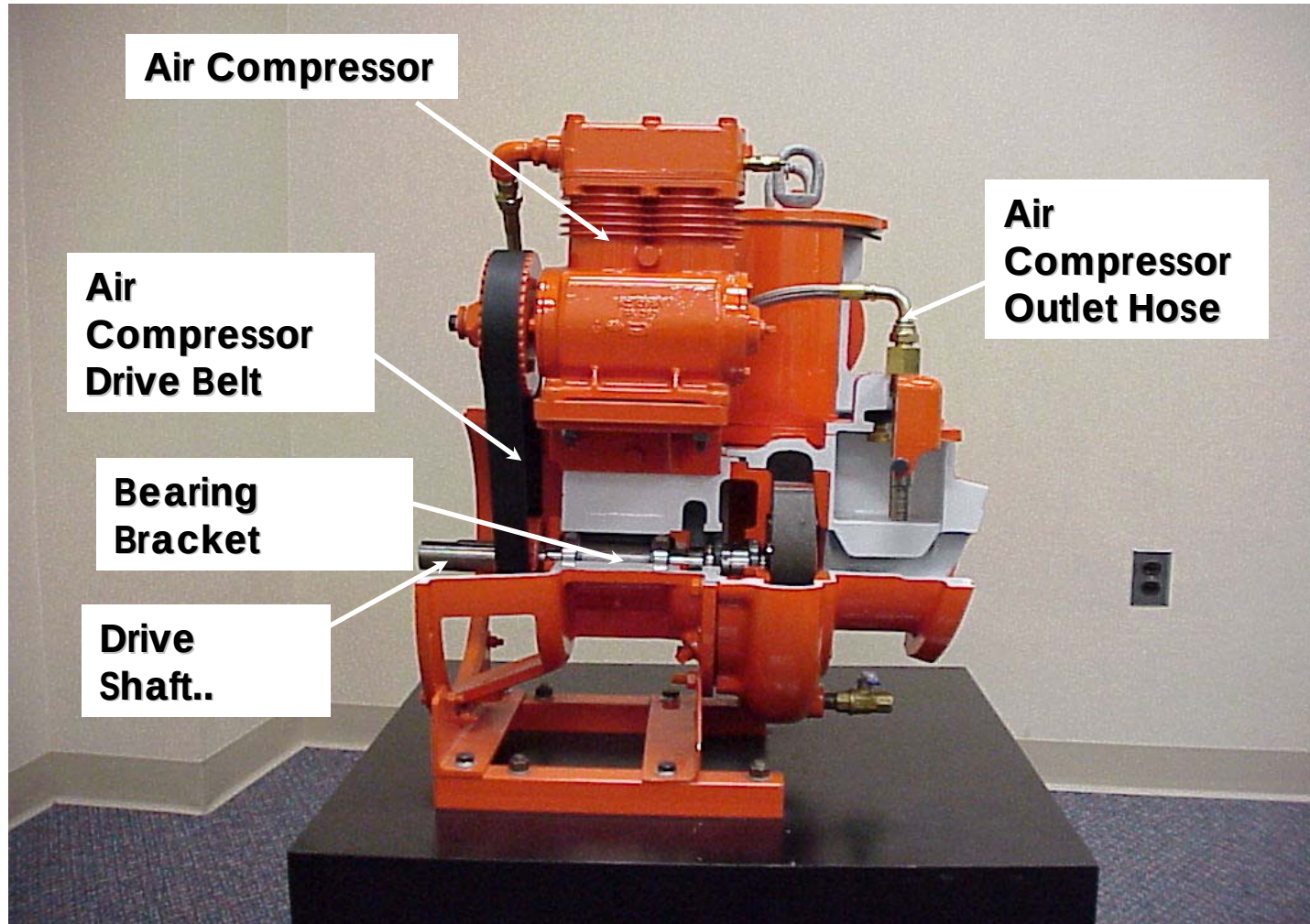
Dri-Prime Pumpend..



godwin
pumps.



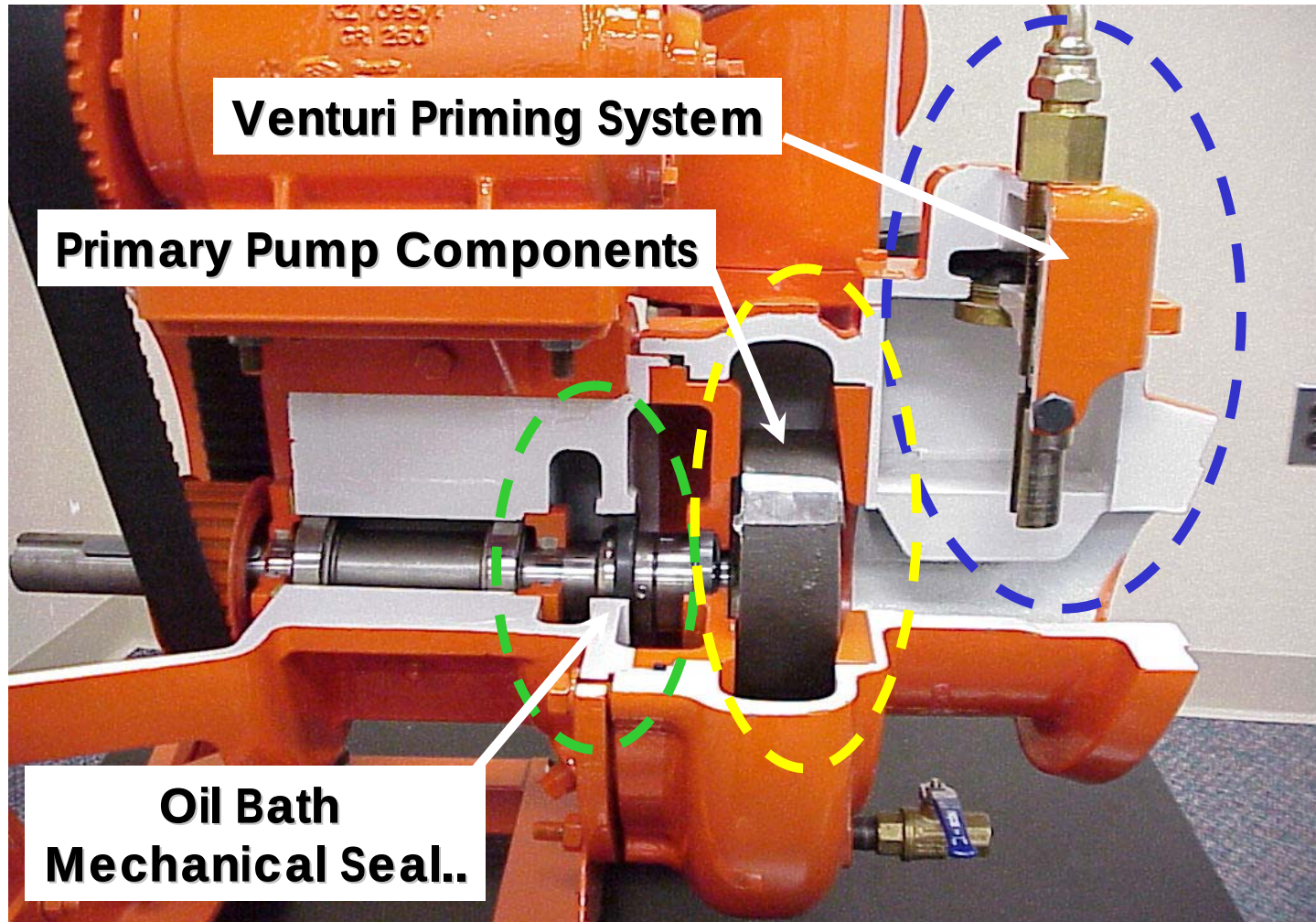
Think Orange. Think Godwin.
Great Pumps. Great People.®



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

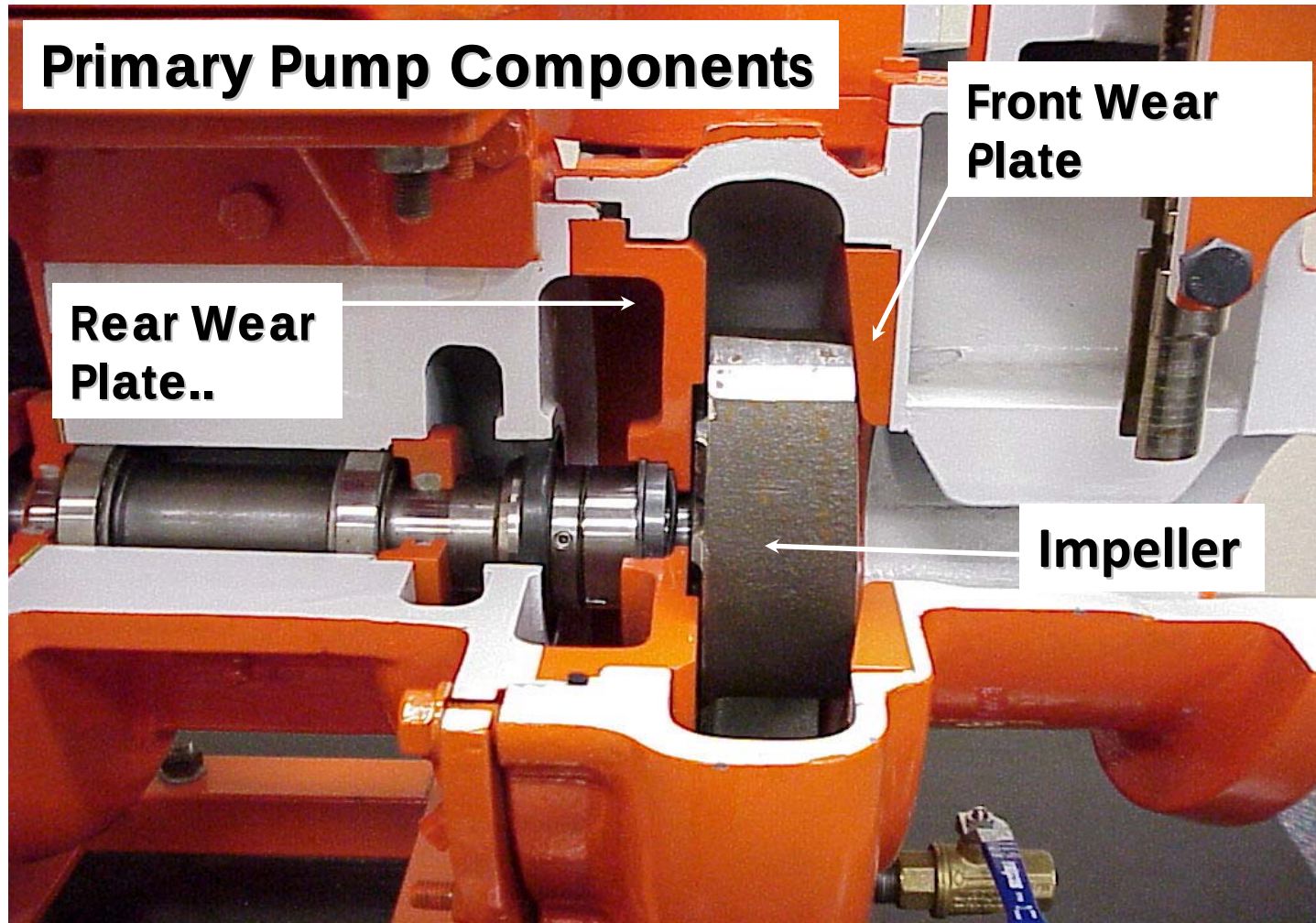


godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

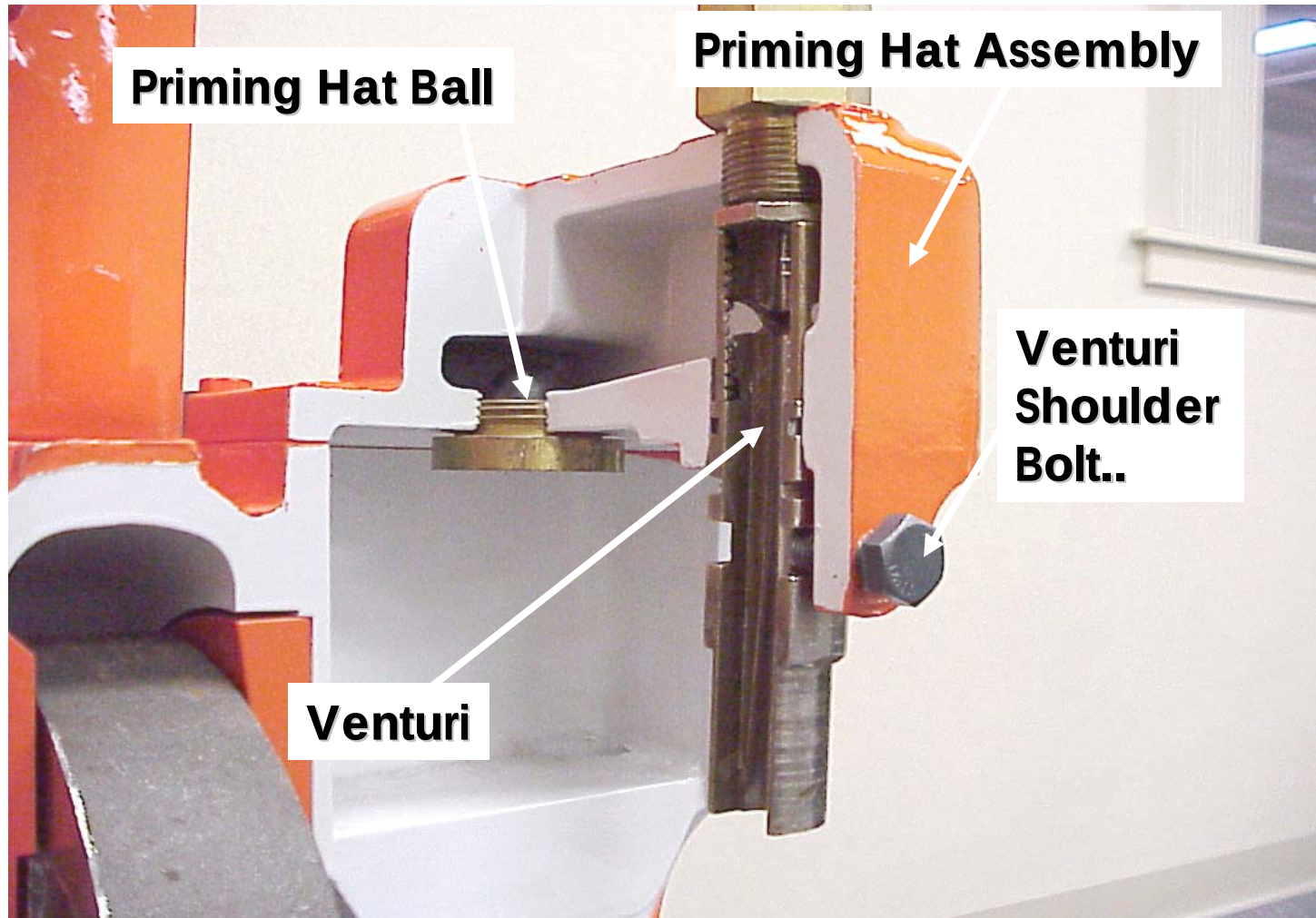
Primary Pump Components



godwin
pumps.



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

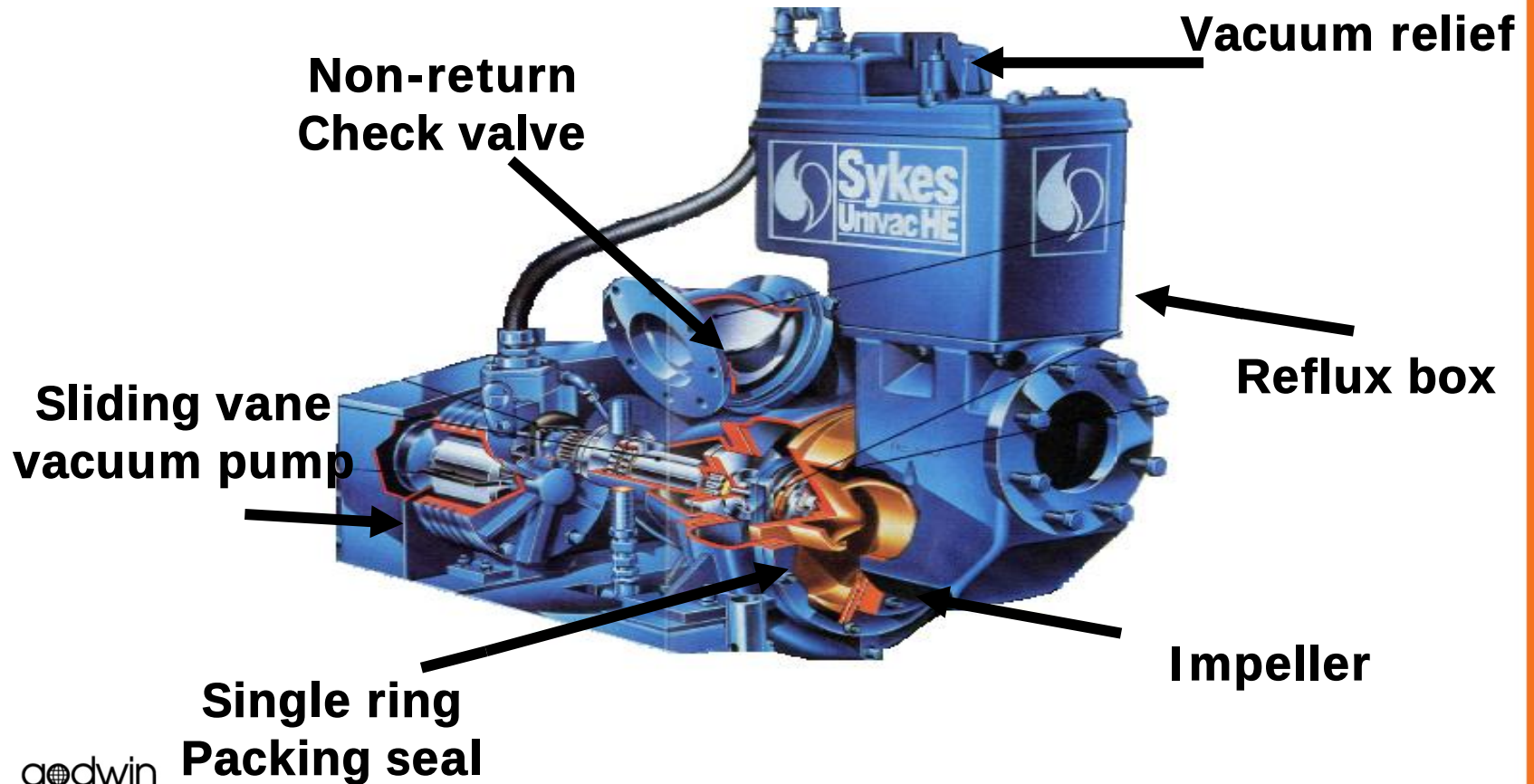


godwin
pumps.



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

SLIDING VANE VACUUM PUMP PRIMING SYSTEM

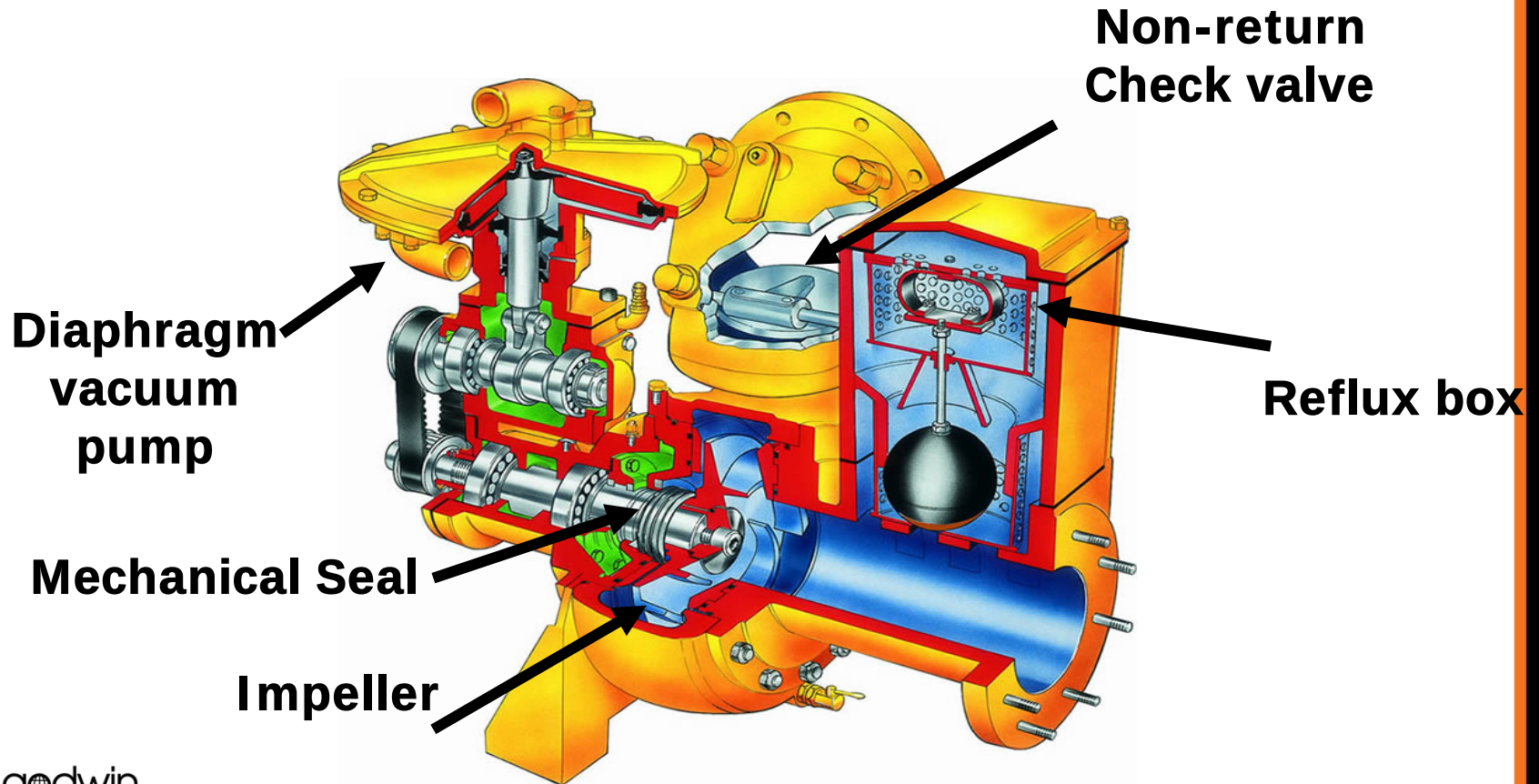


godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

DIAPHRAGM VACUUM PUMP PRIMING SYSTEM

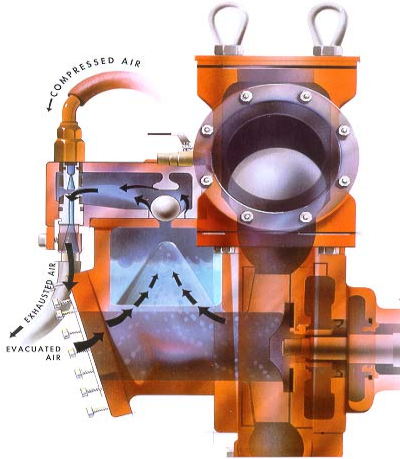


godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

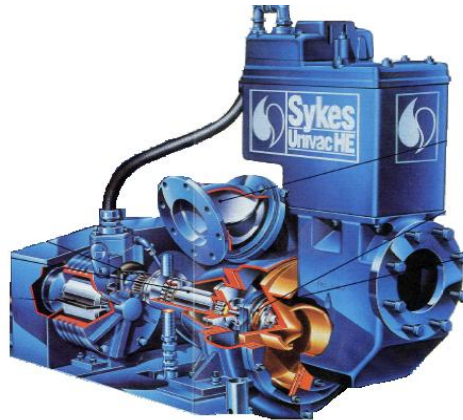
PRIMING SYSTEM COMPARISON



Venturi

8.5 meters of vacuum lift.

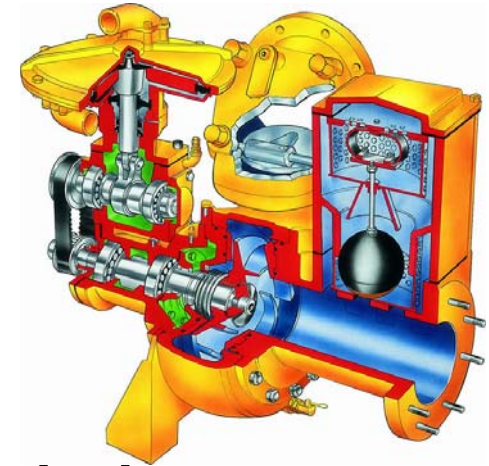
- Dry running capabilities.
- Indefinite dry running.
- No moving parts.
- Pump able to run at multiple speed.
- Simple to service..



Vacuum pump

8.5 meters of vacuum lift.

- Seal damage if left to run dry.
- Drain water from oil sump daily.
- Uses 4-6 liters of oil per day
- Vane compressor prone to fast deterioration due to water ingress.
- Complex to repair..



Diaphragm pump

8.5 meters of vacuum lift.

- Dry running capabilities.
- Moving diaphragm prone to fatigue/failure.
- Many working parts
- Diaphragm can only run At 1400rpm which means The pump can only run at One speed.
- Complex to repair..

godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

CUSTOM BUILDS

- Built to customers own requirements.
- Packaged systems.
- Special standards.
- Local road regulations.
- Designed for Specific use.



godwin
pumps®



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

SPARE PARTS



- **Major Items available Ex Stock for overnight delivery.**
- **Simple and unique Part numbering system for easy identification.**
- **Various material options available.**

godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

Godwin

Dri-Prime Backup System

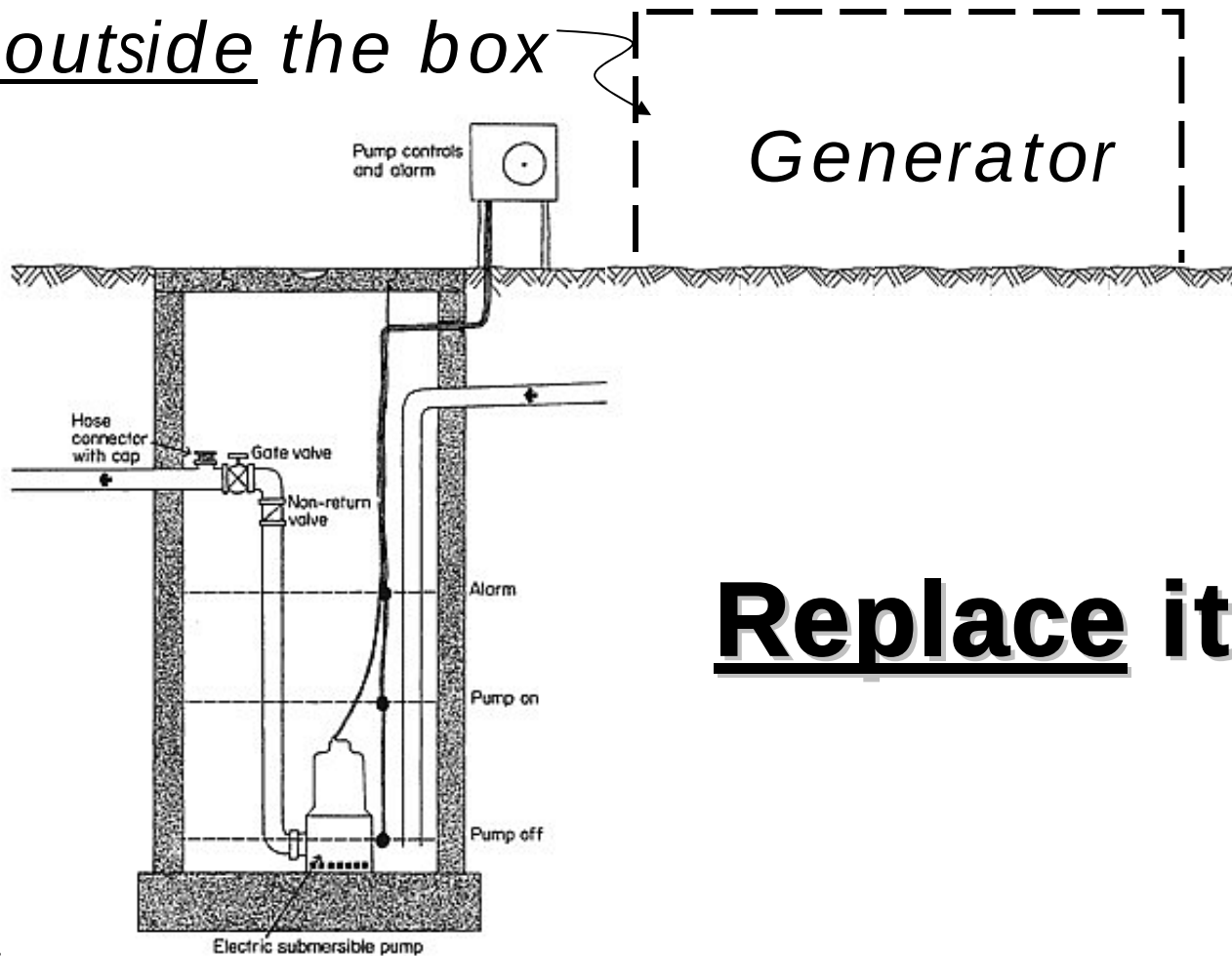
godwin
pumps®



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

LIFT STATION DESIGN

*Don't think
outside the box*



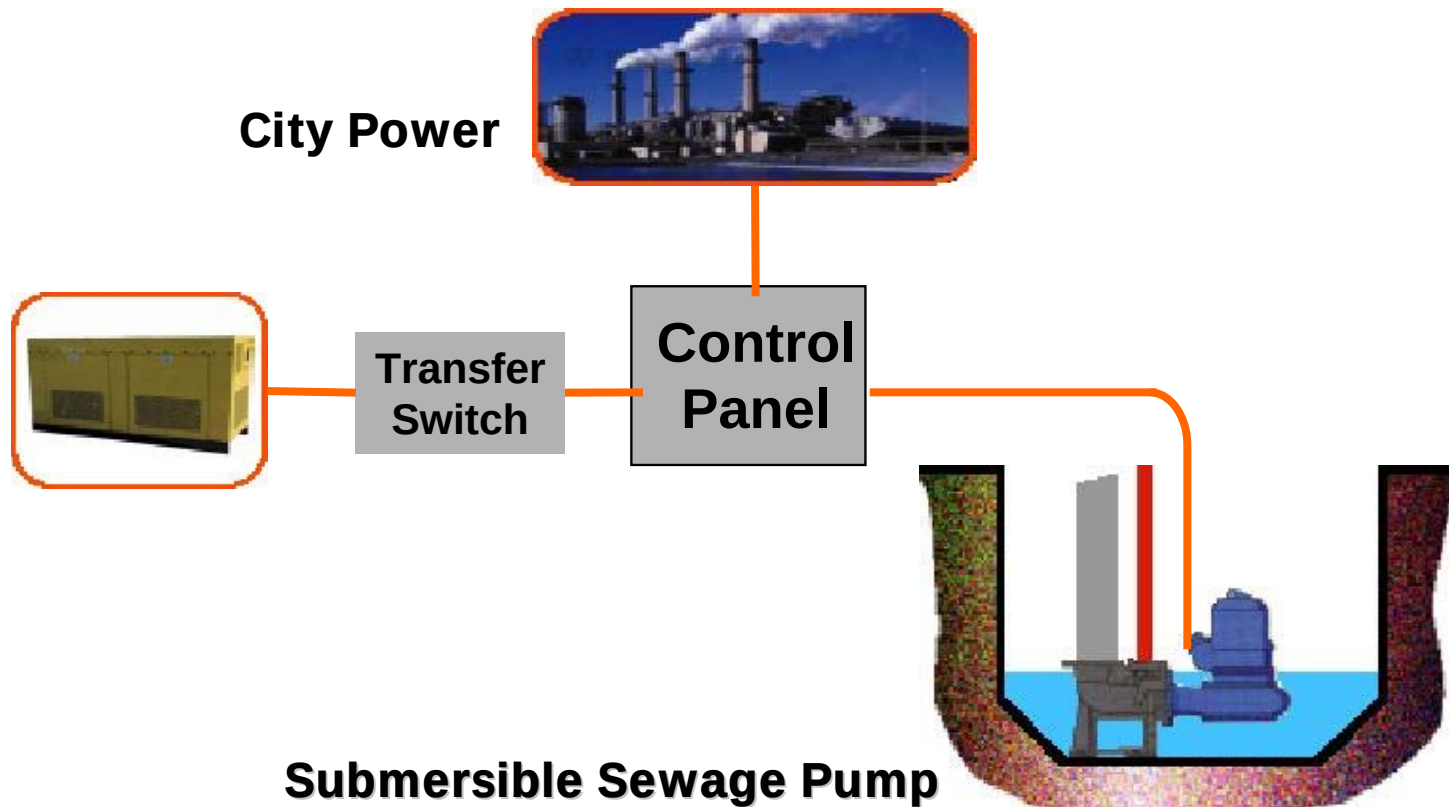
Replace it!....

godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

Typical Duplex Pump Lift Station Design



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

EMERGENCY BACKUP PUMP STATION SOLUTION

City Power



Control
Panel

~~Transfer
Switch~~



godwin
pumps.



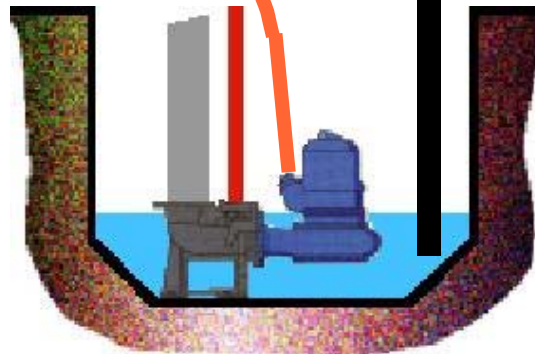
Think Orange. Think Godwin.
Great Pumps. Great People.®

Proven Alternative:

Surface mounted
automatic priming pump



Auto Start
Controller



Submersible Sewage Pump

Godwin Prime Guard Features and Benefits

Feature: Automatic starting and stopping up to 3 times a day 7 days a week (in manual or auto mode)

Benefit: Maintains battery charge when in auto mode (standby)

Feature: Capable of starting, stopping or changing engine rpm response to changing pressure /level transducer signals

Benefit: Increased control of the pumping application in fluctuating flow or pressure conditions, increasing fuel efficiency, decreasing wear and tear on the equipment

Feature: Ability to pre-set engine rpm when using floats or transducers

Benefit: Maintains flow and head parameters when running unattended

Feature: Maintains an “event history” of all warning alarms (up to 32)

Benefit: Increases effectiveness of maintenance by identifying incidences over time..



**Prime Guard
Control Panel**



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

GODWIN DBS: INSTALLATION OPPORTUNITIES

New Construction

- Specifications require backup pumping abilities
- Municipalities driving the change

Lift Station Upgrade

- Install backup pump instead of increasing size of generator

Lift Station Retrofit

- Augment flow from Station
- Increase station reliability
- Reduce potential for fines from SSOs
- Improve station maintenance..



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

GODWIN DBS LIFT STATION IMPLEMENTATION



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

...with independent backup pumping

APPLICATIONS



*Think Orange. Think Godwin.
Great Pumps. Great People.®*

SEWER BYPASS (PHOENIX AR)



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

SEWER BYPASS (PHOENIX AR)



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

HELLAS MOTOR OIL ATHENS



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

ITT SOUTH AFRICA



godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

KUMTOR GOLD MINE

KYRGYZSTAN



- **95m static head**
- **- 25 degrees**
- **2.5km of 250mm pipe**
- **120L/S**

godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

- **Worlds 2nd Highest Gold Mine**
- **14,000 feet**
- **Extreme environment**
- **6 X HL250M pumps**
- **2 X HL160M pumps**



BP AZERBAIJAN



godwin
pumps®



Think Orange. Think Godwin.
Great Pumps. Great People.®

EMERGENCY FLOOD CONTROL



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

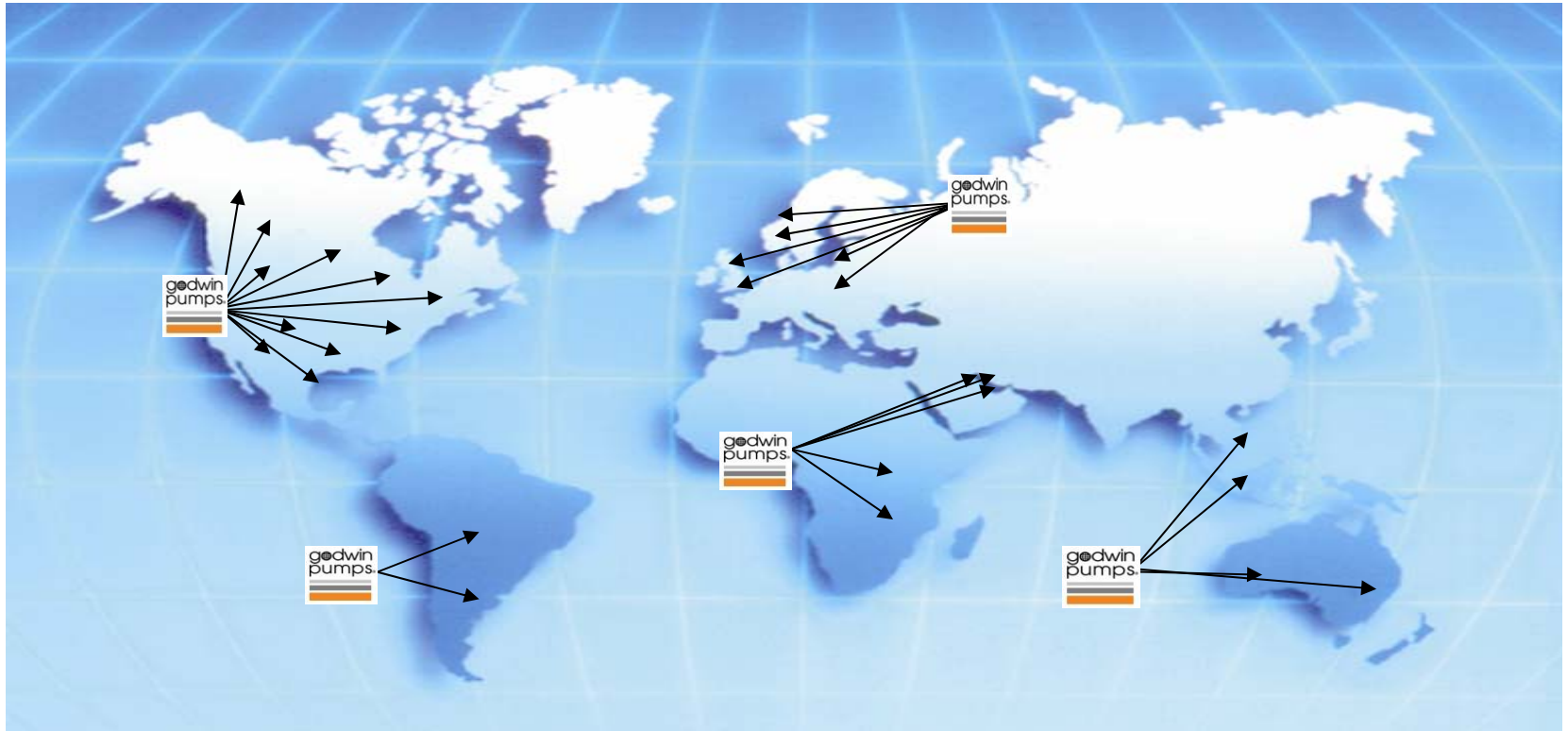
PRODUCT DEVELOPMENT

We believe and invest heavily in Product Development - keeping ourselves one step ahead of the competition is part of our recipe for our continued success.



**Think Orange. Think Godwin.
Great Pumps. Great People.®**

WORLD WIDE COVERAGE



godwin
pumps.



Think Orange. Think Godwin.
Great Pumps. Great People.®

TRAINING

PUMPS ONE ON ONE

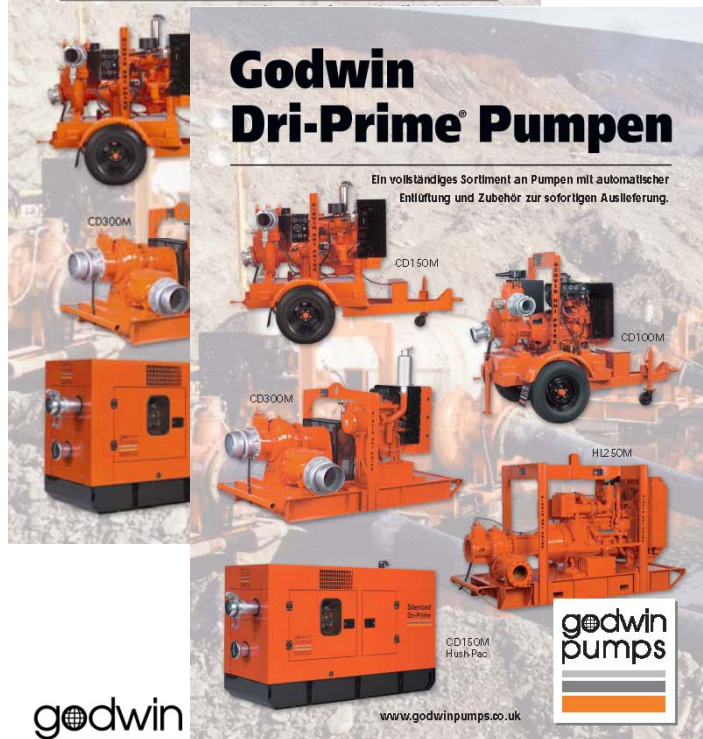
- **Covers all aspects of pump selection.**
- **Basic Hydraulics**
- **Fluid mechanics applied to Godwin Pumps.**
- **Rental Applications**
- **Training given by Qualified instructors..**



**Think Orange. Think Godwin.
Great Pumps. Great People.®**

DISTRIBUTOR/CUSTOMER SUPPORT

Godwin Dri-Prime® Pumps



**Godwin
Dri-Prime® Pumpen**

Ein vollständiges Sortiment an Pumpen mit automatischer
Entlüftung und Zubehör zur sofortigen Auslieferung.

CD300M

CD150M

CD100M

CD300M

HI2.50M

CD150M
Hush Pac

godwin
pumps

www.godwinpumps.co.uk



**Think Orange. Think Godwin.
Great Pumps. Great People.®**

Pompes Godwin Dri-Prime®



**Bombas Dri-Prime®
de Godwin**

Une gamme complète de pompes automatiques
autocebadoras y accesorios para despacho inmediato.

CD100M

CD150M

CD100M

CD300M

HI2.50M

CD150M
Hush Pac

godwin
pumps

www.godwinpumps.co.uk

THE BRAND

godwin
pumps®



godwin
pumps®



*Think Orange. Think Godwin.
Great Pumps. Great People.®*