



# SCREWSUCKER™

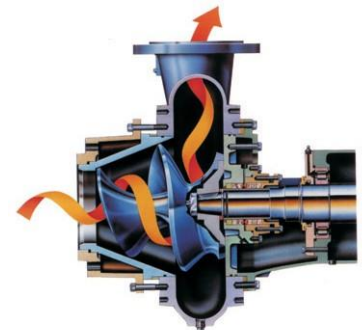
## PUMPING BY APSCO

### Model 300XXL Dry Running, Self-Priming, Solids Handling Diesel Engine Pump System



#### System Features

- Large Pumping Capacity
- Low Engine Power-Rating.
- Continuous Run Time under Idle Conditions.
- Dry-Priming down to 28 feet.
- Quick Pumpset Priming
- Large Suction Height Capacity.
- The Vacuum System is capable of handling up to 59 cfm
- Electronically controlled vacuum system.
- Unscreened raw sewage water handling.
- Viscous liquids handling.
- Clog-resistant Impeller and Liner
- Impeller has large free passage of 4.7".
- Externally adjustable Wear Liner.
- Electronic Control Panel
- Automatic Start/Stop System (Level Switching).
- Tandem oil bathed mechanical shaft seals (sic/sic and carbon/ceramic).
- Locking Galvanized-Steel Sheet Canopy Doors
- Double-Contained Bottom w/Oil/Water Separator



#### Applications:

- Sewage Bypass.
- Construction-Site Dewatering
- Well-Point and Sock Dewatering
- Bentonite/Slurry and Sludge Pumping.
- Emergency Pump Station.
- Surface Water Diversion
- Digester Pumping

#### Technical Specifications:

Discharge and suction connections.....	Flange – 16" PN10 DN400,
Capacity (maximum at 1350 RPM).....	8876 GPM.
Head (maximum at 1350 RPM).....	138 Feet.
Pump type and manufacture.....	H12K-H01 or H12K-H03R / Hidrostat Centrifugal Screw.
Engine type and make.....	JCB IPU TCAE-93, Tier 4 Interim
Engine power rating.....	107HP at 1963 RPM. Max 107HP at 2040rpm
Engine starting system.....	12 Volt, manual/ automatic level switching and engine protection system.
Diesel Fuel-Tank Capacity.....	185 gallons sufficient for 32.4 hours continuous running at max load.
Acoustic canopy.....	Noise emissions reduced to 70 dB(A) at 23 Feet distance.
Weight.....	Approximately 13,206lbs