



oasis pumps

Trusted name in pumps





OASIS PUMPS INDUSTRY LLC

Oasis pumps industry (OPI) is the only indigenous manufacturer of dewatering pumps in the UAE. The Company was started in 2001 by a team of engineers with more than 40 years of experience in the ground water control and pumping industry, in the Middle East. The vast experience was focused on developing a range of pumps for different applications.

OPI functions within the umbrella of its parent company 'Trinity Holdings' and operates independently. Trinity has multifaceted activities in the engineering, mechanical, foundry, marine services and oil and gas industry.

Over the years Oasis has achieved to claim the following:

- Is accepted to be the most reliable pump units working, worldwide.
- In house manufacture has allowed Oasis to provide a quick and high level service and quick parts support.
- Have its own branded 'Oasis' line of diesel engines. Warranty, service and spare parts are under OPI control and are readily available.



- In-house foundry allows manufacturing pump parts from any specialized material composition to suit a customer application. The group foundry has further strengthened Oasis's ability to respond quickly to customer demands.

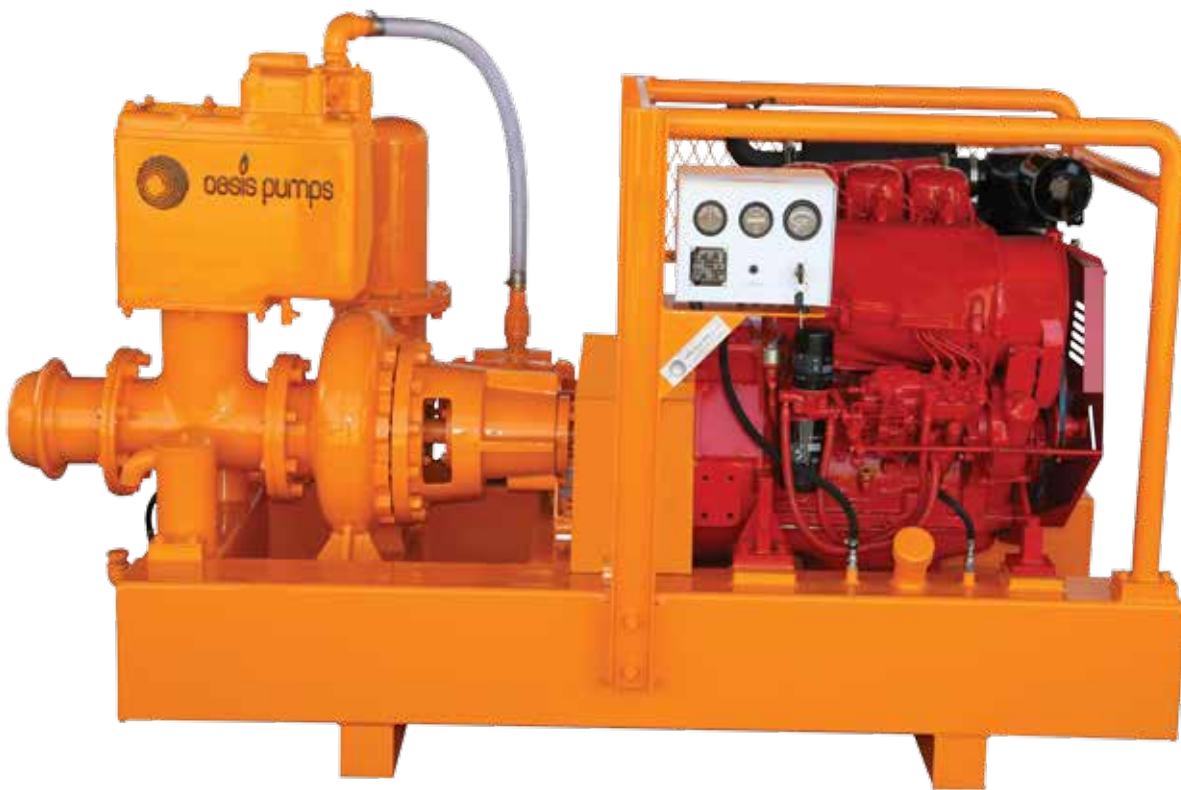
Our capability extends to manufacturing custom designed pumps to suit specific customer requirements. OPI manufactures pumps from 2" to 24" with different discharge capacities ranging from 50 m³ to 3000 m³. Our pumps are widely working in Construction, Marine, Oil & Gas, Storm water and Sewage industries. Oasis customer base extends throughout the world.

Oasis offers to its customers

- One stop pumping solutions provider
- In depth spares back-up with immediate availability
- 24 X 7 operation



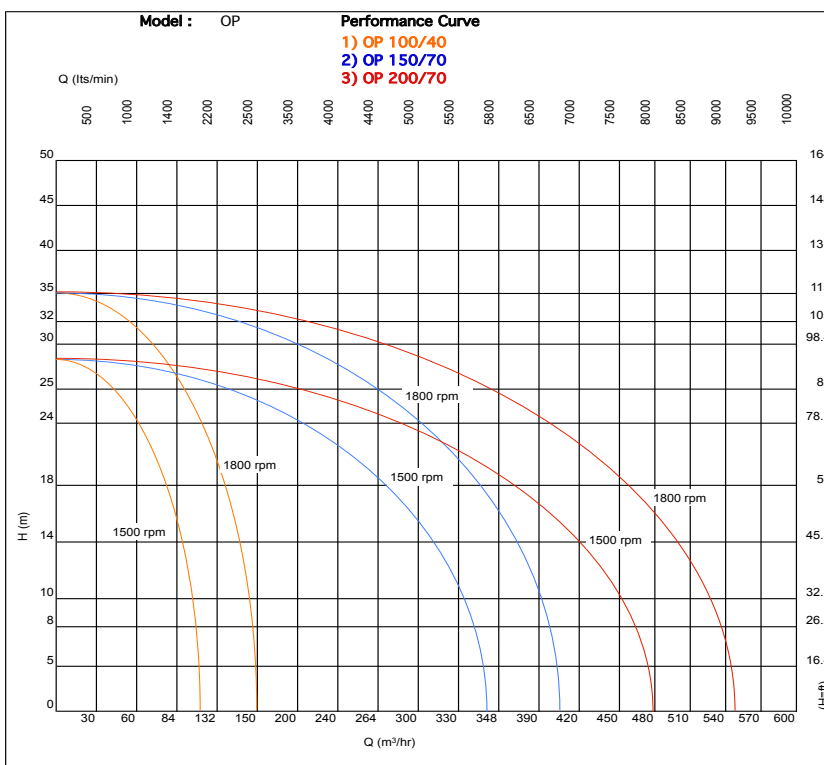
DEWATERING PUMP - CENTRIFUGAL – CLOSED IMPELLER - OP



Oasis OP Model provides a wide selection of low & high output pumping systems designed for on-site dewatering applications. The pumps provide continuous high discharge flow and discharge head. OP models use closed type single stage heavy duty impellers and are self-priming, vacuum assisted pumps made for strenuous duty.



All our standard pumps come in skid mounted, Two wheel (trolley mounted), four wheel hard rubber tire mounted and silent packed pumps are available as options.



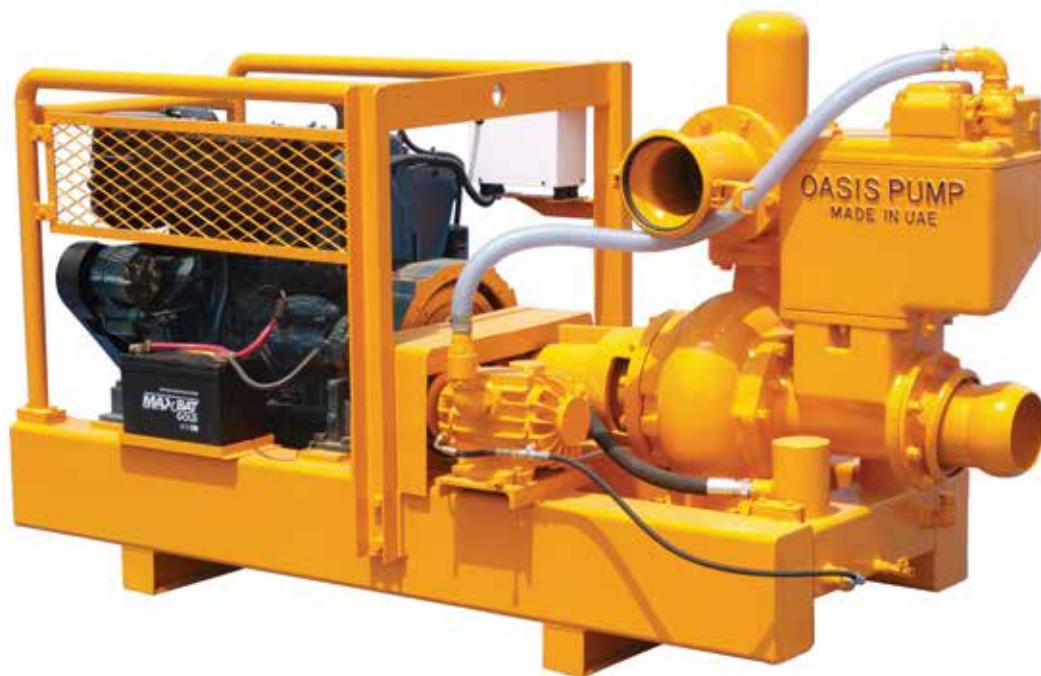
The performance graph is for indication only. The actual performance may vary.

Technical Specifications

	Model		
	OP 100/40	OP 150/70	OP 200/70
Discharge/Suction pipe connection – Inches (mm)	4”(100)	6”(150)	8”(200)
CFM	40	70	70
Maximum Flow (m³/h)	150	400	550
Total Head (m)	35	35	35
Engine Power (hp)	23	38	52
Vacuum Lift (m)	9	9	9



VACUUM ASSISTED SOLID HANDLING TRASH PUMP – OPS



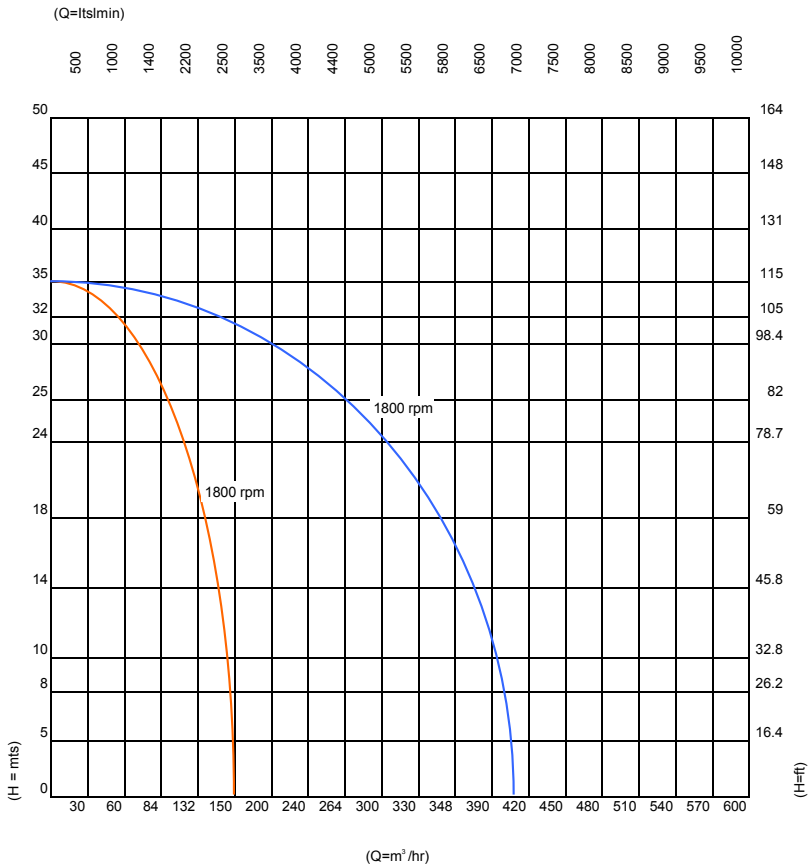
The open impeller is specially made for solid handling capability up to 100 mm capacity. Standard Oasis models are fitted with Aluminum priming tank, Bronze Impeller, SS pump shaft and Mechanical seal. Optional customized materials are available. Standard pumps are skid mounted. Option of towable trailer mounted, two wheel pneumatic tires or portable four wheel hard rubber tires are available. These pumps are used widely in industrial applications including construction, marine, public utilities, over pumping, movement of water, sewage, trash, oil & gas industries etc.



Model : OPS

Performance Curve

- 1) OPS 100/40
- 2) OPS 150/70



The performance graph is for indication only. The actual performance may vary

Technical Specifications

	Model	
	OPS 100/40	OPS 150/70
Discharge/Suction pipe connection – Inches (mm)	4”(100)	6”(150)
CFM	40	70
Maximum Flow (m³/h)	150	400
Total Head (m)	35	35
Motor Power (hp)	23	52
Vacuum Lift (m)	9	9





12" OVER PUMPING PUMP



The 12" Oasis pumps are of high volume, single stage and closed impeller type with solid handling capability up to 2" size and easy to maintain. Standard Oasis Pumps comes with aluminum priming tank, stainless steel impeller & shaft. Gland packing seal comes as standard. Choices of customized materials are available. Standard pumps are skid mounted, the volute casings are inner coated and are fitted with renewable wear rings on both impeller sides in order to prevent wear & tear.





HIGH FLOW HIGH HEAD PUMP



The high head pump is an efficient, medium pressure and single stage, easy to maintain closed impeller type. These pumps have maximum head of 90 meters and a maximum discharge of 700 m³.

Technical Specifications

	Model
	OP 200/70 HH
Discharge/Suction pipe connection – Inches (mm)	8”(200)
CFM	70
Maximum Flow (m ³ /h)	700
Maximum Head (m)	90
Engine Power (hp)	23
Vacuum Lift (m)	9





PISTON PUMP

Oasis piston pumps are reciprocating cylinder type dewatering pump suitable for very low permeability well point dewatering. The pulsating vacuum replaces the constant vacuum generated by the conventional vacuum pumps and is twice efficient.

Technical Specifications

	Model
	WP 150/90 P
Discharge/Suction pipe connection – Inches (mm)	6” (150)
CFM	90
Maximum Flow (m ³ /h)	100
Maximum Head (m)	15
Vacuum Lift (m)	9



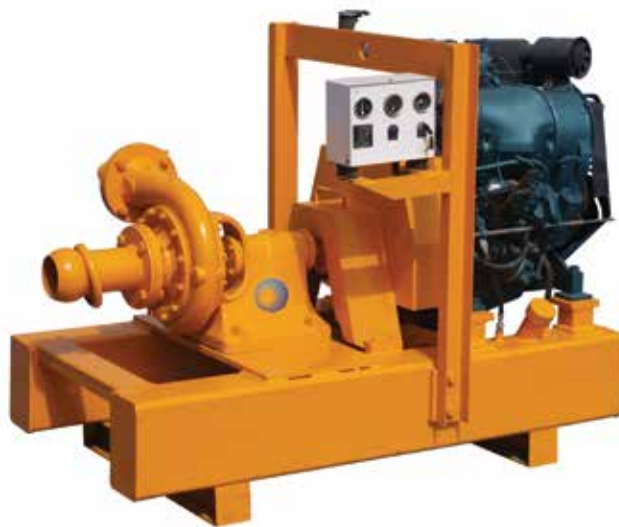
Pumps come standard with Oasis engine. Choices of optional engines are also available upon request.

WP 150/90 Piston Pump – Material Matrix		
Component	Material Options	Advantages
Piston Liner	Stainless Steel Gr. 316	Corrosion resistant strength & ductility
Piston Rods	AISI Stainless Steel 316	Corrosion resistant strength & ductility
Pump Casing	Nickel C. I	Tough & corrosion resistant
Crank Shaft	Tough alloy steel ASTM A216 Gr. WCB	High strength & ductility
Collar	Leather	Durable





JETTING PUMP



Oasis jetting pumps are used in well point dewatering to clear the bore holes by flushing the drill holes and install well points. It's powered by an 'Oasis' 2 cylinder diesel engine, creating a pressure of 100 psi. The standard pump is mounted on a four wheel site chassis with integral fuel tank.

Applications includes.

- To jet well points or wells
- For water supply at construction sites
- To fill and test pipe lines
- For fire fighting
- For irrigation

BOOSTER PUMP

Booster pumps are added to boost the discharge lines and increase the distance, while maintaining discharge. The pump reduces the pressure on the dewatering pumps and increase efficiency.

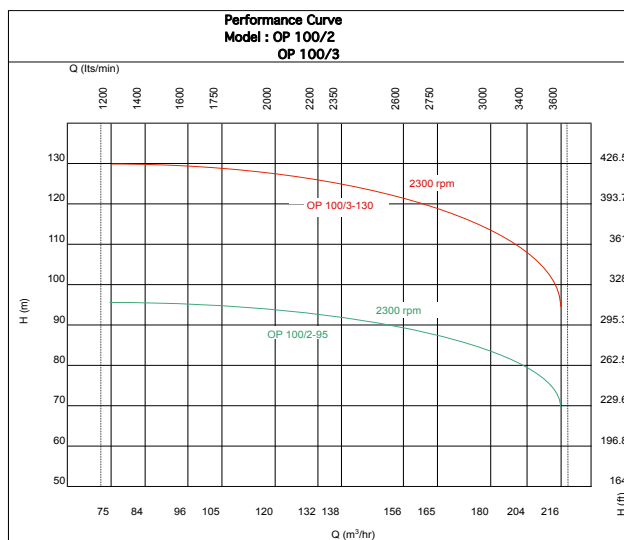
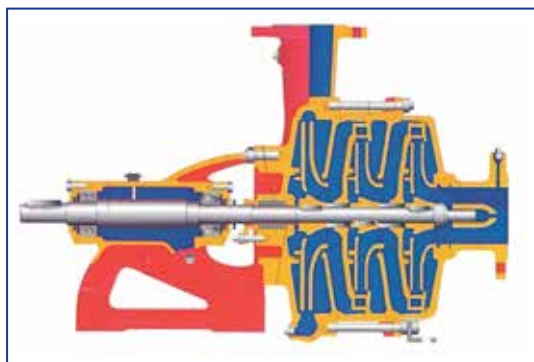




HIGH PRESSURE PUMP



Oasis manufactures high pressure pumps suitable in ground vibro-compaction applications, pressure boosting, pipe line testing and pressure circulation applications in chiller plant etc.



OASIS ENGINES



Oasis brand engines are manufactured by one of the pioneers in diesel engine manufacturing. We offer a series of air cooled diesel engines for industrial application from 20 kW to 74 kW.





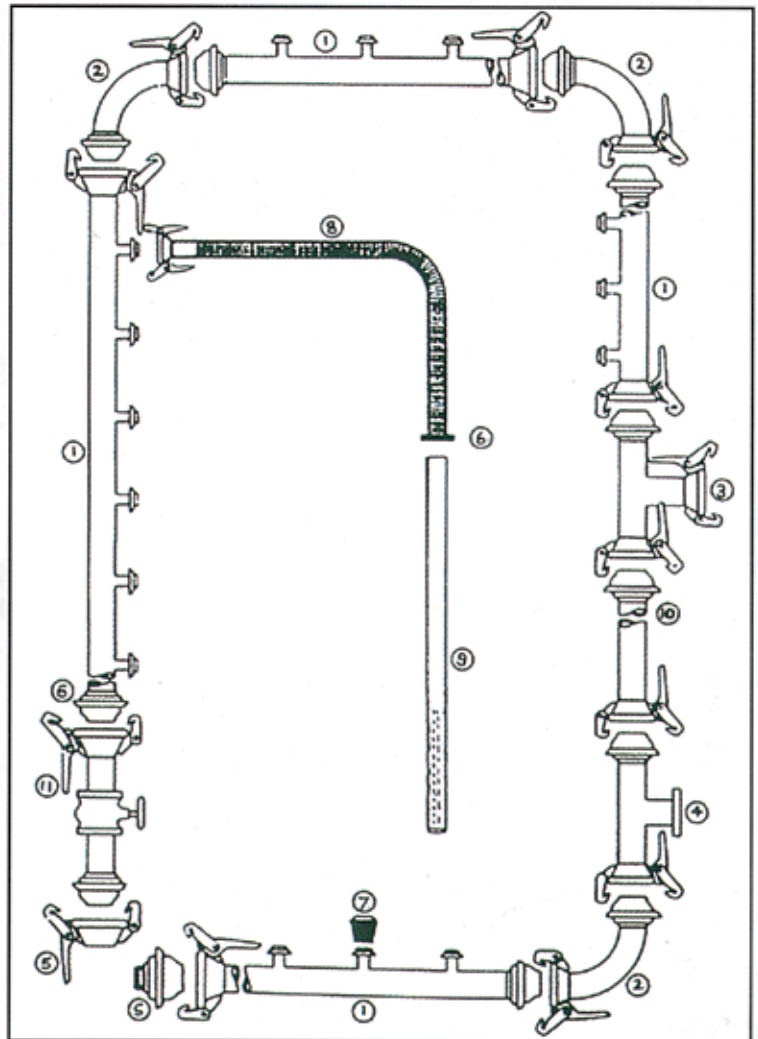
Dewatering Accessories

OPI supplies complete range of dewatering accessories for sump pumping, well points and deep well dewatering.

- 1 Header pipe with intakes
- 2 Bends 45* & 90 Deg
- 3 "T" Piece
- 4 "T" Piece with one flange end
- 5 End cap, Male & Female
- 6 Hose clips
- 7 2" Rubber plugs
- 8 2" Swing hoses with fittings
- 9 Well point
- 10 Discharge Pipes*
- 11 Gate valve with M/F Fittings
- 12 "Y" Piece*
- 13 Hose Spigot - Male*
- 14 Hose Spigot - Female*
- 15 Suction hose*
- 16 Discharge flanged fittings*
- 17 Lay flat Hose*
- 18 Jetting Hose*
- 19 Jetting bend*
- 20 Jetting rod*
- 21 Strainer*

All the fittings are standard universal fittings
*Not indicated on the diagram

Steel Galvanized Quick Action Accessories



DRILLING RIGS

OPI supplies drilling rigs capable of well point drilling, deep well drilling, pile drilling, grouting, anchoring, offshore drilling, horizontal drilling, directional drilling measuring geophysical prospecting, hydraulic rotary percussion drilling etc.





Foundry Facilities

Our foundry has the ability to produce broad range of ferrous and non-ferrous castings. The in-house foundry is supported by the R&D and operates a well-equipped laboratory to analyze the material content of various mixes to ensure high standard.

Research & Development

It's a continuous ongoing program directed at improvement and extension of Oasis product ranges. The life of components used in pump construction is continually considered to establish how their working life can be improved. New materials are put into trial operations for prolonged periods under severe conditions and performance monitored. New designs of pumps are made, prototypes built and put into service and performance monitored, by Oasis. As a result of the work done over many years, the quality of Oasis pumps has continuously improved.

Market Development

While initially focused on developing the UAE market, this has now extended to developing throughout the world. The company regularly participates in various exhibitions world over. Oasis is also an OEM to other established pump labels. The company continues to develop their product portfolio and can offer a wide range of equipment to satisfy the most demanding applications, whatever the industrial activity.



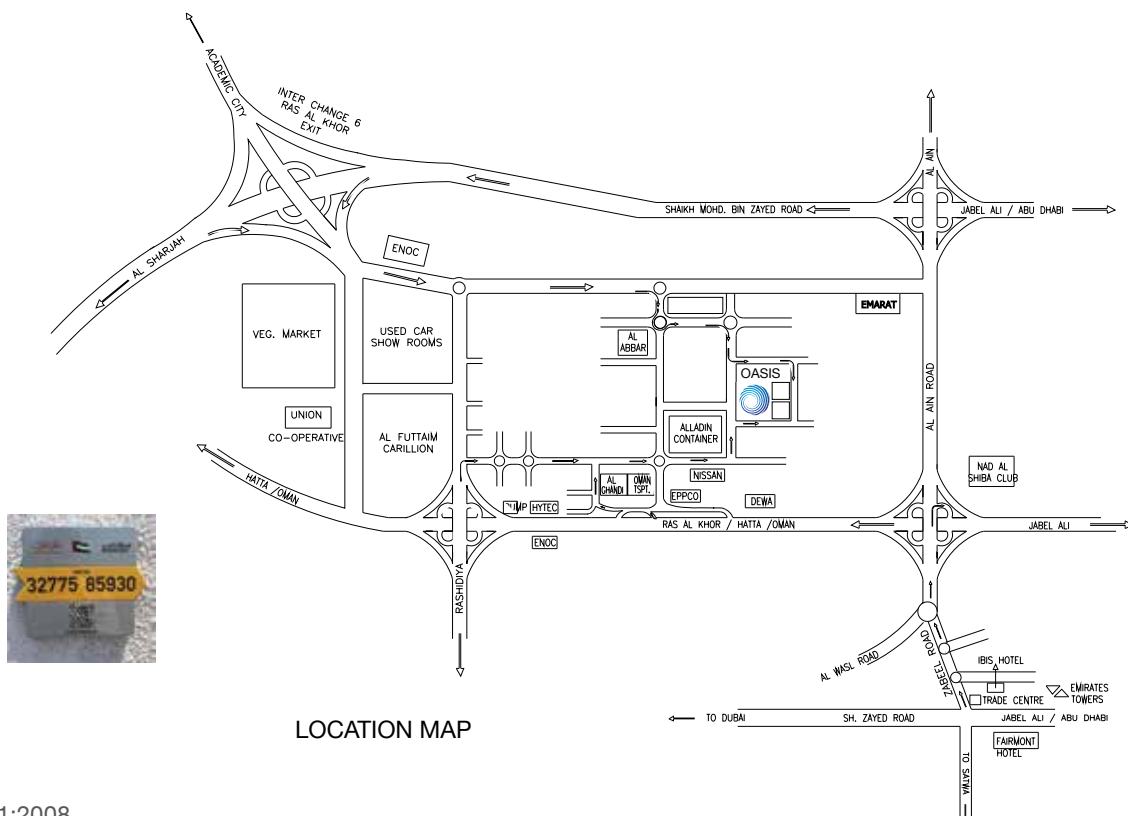
Production & Testing

All the pump developments are in-house. The process is subject to continuous quality control, as required. Laboratory checks on the formulation of different material mixes are produced by the foundry. It ensures that the right percentages of different materials are mixed to form the required alloy. The impellers are dynamically balanced for vibration free operations. On completion of assembly, the pumps are moved to our modern test facility for testing.

Service

Oasis is committed to provide the highest standard of services as a priority. As a service oriented company, Oasis offers expert dewatering advice and feasibility studies, competitive quotes, honest cost-effective solution and fast delivery. Oasis is dedicated to achieve solutions that best suit its client interests with close attention to:

- Superior performance and reliability
- Competitive cost
- Fast efficient service.





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