VERSAR®
INDUSTRIAL PUMPS

PUMPING SOLUTIONS
FOR LIQUID TRANSMISSIONS

VERSAR PUMPS IS A PROFESSIONAL MANUFACTURER OF CENTRIFUGAL PUMPS AND SYSTEMS.

For more than 30 years, the company's robust, trusted engineering has provided critical performance across diverse industry applications including oil and gas, water, power generation, construction, mining and fire protection.

CONFIRM QUALITY

Our customers' pumping applications are invariably demanding – typically operating in hostile, arduous or extreme temperature environments, where quality matters. Using the most advanced computer testing in the world, we design, simulate, evaluate, refine and manufacture all products and packaged systems here in Asian.

DEDICATED EXPERTISE

Our engineering team, commonly regarded as the best in the industry, has real-world application experience across multiple industry sectors. Our ability and knowledge to respond rapidly to demanding customer needs, is fuelled by dedicated R&D investment from the parent company Dener holdings Sdn.Bhd.

Confirm quality. Dedicated expertise. World-class performance. For where it really matters, insist on VERSAR Pumps.

VERSAR PUMP APPLICATIONS

Pump Category	VERSAR Model	Fire	Chemical	Pulp and Paper	Mining and Minerals	Power Generation	Oil Refining and Gas Processing	Steel Metals	Water Industry	Wastewater Industry	Food and Beverage	Transformer Oil Cooling	Nature of Liquid or Medium						Pumps as Turbine	Refer to Page
													High Pressure	Corrosive	High Temperature (580°F 268° and greater)	Fertilizer	Solids Handling	Solids		
End Suction Pump	VE SERIES	●				●		●	●	●	●								●	2
	VE - G SERIES	●				●		●	●	●	●									3
	VCM SERIES	●				●		●	●	●	●									2
	VG SERIES	●				●		●	●	●	●									2
	VM SERIES	●	●			●	●	●	●		●			●	●					3
	VPD SERIES	●				●		●	●		●									3
Split Case Pump	SC SERIES	●				●	●	●	●	●									●	4
	SCFF SERIES	●				●	●	●	●	●										4
	SCF SERIES	●				●	●	●	●	●										4
	SCC SERIES					●		●	●											5
Vertical Pump	VTP SERIES	●				●	●		●	●										5
	VTC Vertical Turbine	●	●			●	●	●	●	●				●	●					5
	VB SERIES								●											6
	VB-S SERIES	●	●			●		●	●					●	●		●			6
Multi-stage Pump	HPM SERIES	●	●		●	●		●	●				●							6
	HPM-S SERIES		●			●			●				●							7
Solids Handing	VHM SERIES		●	●					●	●							●	●		7
	VHL SERIES		●	●					●	●							●	●		7
	VHS SERIES		●	●					●	●							●	●		8
	VFW SERIES								●	●							●	●		8
	VFT SERIES									●							●	●		8
	VD Solids Diverter								●	●							●			9
Fire Packages	VFF Package Sets	●																		9
	VCT Container Houses	●																		9
Mining Pumps				●	●				●	●							●	●		
	VSP Open Set (Diesel)			●	●				●	●							●	●		10
	VSP Highflow			●	●				●	●							●	●		10
	VSP Open Set (Electric)			●	●				●	●							●	●		10
	VDR Hydraulic Submersibles			●	●				●	●							●	●		11
Sumersible Pump	VAT SERIES											●								11
	SD - SERIES											●								11

END SUCTION

VE SERIES

WATER | FIRE | STANDARD | INDUSTRY

CONFIGURATION
Horizontal electric motor
or engine driven

DISCHARGE & PERFORMANCE
- 32 mm to 250 mm
- Outputs up to 1100m³/h
- Heads up to 150m

FEATURES
- Horizontal DIN 24255 Electric Motor
- 41 models
- Wide choice of materials
- Centreline discharge
- Back pull-out rotating element can be removed without disturbing pipe work
- Impellers cut to duty
- High interchangeability – just three shaft modules cover the entire range
- Suitable for baseplate mounting with coupling
- Reached FM and/or UL Standards
- Follow with NFPA 20
- Used in pump as turbine applications

VCM SERIES

WATER | FIRE | STANDARD

CONFIGURATION
Horizontal close coupled electric
motor driven

DISCHARGE & PERFORMANCE
- 32 mm to 250 mm
- Outputs up to 1100 m³/h
- Heads up to 150m

FEATURES
- Close coupled pump set. Choice of 190 motor/pump combinations
- Space saving
- Most cost effective solution
- Incorporates mechanical seal to DIN 24960
- Impellers cut to duty
- High interchangeability
- TEFC IE1,IE2 motors fitted as standard Other motor options available
- Unique SPP Pumps design taper locking system simplifies fitting stub shafts to standard motors
- Uses standard metric TEFV or Drip Proof motors
- Stub shafts fit directly onto standard motor shaft – no drilling or priming required
- Back pull-out
- Rotating element can be removed without disturbing pipe work

VG SERIES

WATER | FIRE | STANDARD | INDUSTRY

CONFIGURATION
Vertical close coupled electric
motor driven

DISCHARGE & PERFORMANCE
- 40 mm to 125 mm
- Outputs up to 500 m³/h
- Heads up to 125 m

FEATURES
- Close coupled in-line design
- Simple installation and easy service back pull-out design
- Cost-effective solution
- TEFC IE1, IE2 motors fitted as standard
- High interchangeability – rotating element will interchange with Eurostream
- Mechanical seal as standard
- Impellers cut to duty

END SUCTION

VM SERIES - MIXED FLOW

WATER | FIRE | STANDARD | INDUSTRY

CONFIGURATION
Horizontal or vertical electric motor or engine driven

DISCHARGE & PERFORMANCE
- 200 mm to 650 mm
- Outputs up to 6480 m³/h
- Heads up to 28 m

FEATURES
- High efficiency pump range
- Mixed flow impeller will handle clean or dirty water containing small solids
- Heavy duty oil lubricating bearing bracket
- Soft packed
- An excellent range of pump sizes available
- Suitable for baseplate mounting with coupling

VPD - SERIES

WATER | FIRE | INDUSTRY

CONFIGURATION
Horizontal or vertical electric or engine driven process pump

DISCHARGE & PERFORMANCE
- Delivery up to 200 mm
- Outputs up to 900 m³/h
- Heads up to 225 m

FEATURES
- Back pull-out arrangement
- Bearing oil cooling arrangement
- Steam jacket arrangement
- Centre line mounting
- Mechanical seal or gland packed
- Temperatures range -50 to 350 °C

VE - G SERIES

WATER | FIRE | INDUSTRY

CONFIGURATION
Horizontal, electric motor

DISCHARGE & PERFORMANCE
- Delivery up to 200 mm
- Outputs up to 1100 m³/h
- Heads up to 160 m

FEATURES
- Back pull-out
- ISO 5199 / 2858 / EN:22858
- Enclosed impeller only
- Gland packed
- Balanced impeller
- Top centre line discharge
- No venting required

SPLIT CASE

SC SERIES

WATER | FIRE | INDUSTRY | OIL & GAS

CONFIGURATION
Horizontal, vertical open shaft, vertical direct mounted electric motor or horizontal engine driven

DISCHARGE & PERFORMANCE
- 80 mm to 1200 mm
- Outputs to 20,000 m^3/h
- Heads up to 230 m

FEATURES
- Axially split casing – rotating element can be removed without disturbing pipework
- Exceptional hydraulic efficiencies
- Double and single entry back to back impellers reduce end thrust, increase efficiency and bearing life
- Modular design for maximum interchangeability. Multiple impeller selections
- Stainless steel impellers and shaft as standard
- Internal high efficiency coating as standard
- Cartridge mechanical seals as standard
- Double row thrust bearing
- Wide operating range and extended bearing life
- Reduced efficiency degradation
- Follow FM and/or UL standards
- Follow with NFPA 20
- Used in pump as turbine applications

SCFF SERIES

WATER | FIRE | INDUSTRY | OIL & GAS

CONFIGURATION
Horizontal, vertical open shaft, vertical direct mounted electric motor or horizontal engine driven

DISCHARGE & PERFORMANCE
- 80 mm to 1200 mm
- Outputs to 20,000 m^3/h
- Heads up to 230 m

FEATURES
- Axially split casing – rotating element can be removed without disturbing pipework
- High hydraulic efficiencies
- Double and single entry back to back impellers reduce end thrust, increase efficiency and bearing life. Shaft sleeves are standard
- 62 models. Module design for maximum interchangeability. Multiple impeller selections
- Wide choice of materials
- Grease or oil lubrication
- Soft packing or mechanical seals
- API options available for off site applications
- Follow FM and/or UL standards
- Follow with NFPA 20

SCF SERIES

WATER | FIRE | STANDARD | INDUSTRY | OIL & GAS

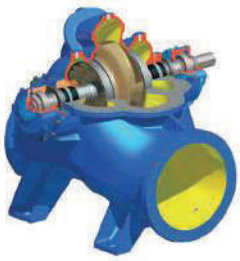
CONFIGURATION
Horizontal, vertical open shaft, vertical direct mounted electric motor or horizontal electric motor or engine driven

DISCHARGE & PERFORMANCE
- 80 mm to 1200 mm
- Outputs up to 20,000 m^3/h
- Heads up to 230 m

FEATURES
- Axially split casing – rotating element can be removed without disturbing pipework
- High hydraulic efficiencies
- Double entry impellers reduce end thrust, increase efficiency and bearing life
- Shaft sleeves fitted as standard for soft packed pumps and as an alternative for mechanical seals. Stainless steel shafts fitted as standard for mechanical seals
- 40 models. Module design for maximum interchangeability
- Grease lubrication
- Soft packing or mechanical seals
- Suitable for baseplate mounting with coupling
- Follow FM and/or UL standards

- Follow with NFPA 20

SPLIT CASE



SCC SERIES

WATER | INDUSTRY

CONFIGURATION
Horizontally axially split casing, single stage, double or single suction, single or double volute with horizontal shaft

DISCHARGE & PERFORMANCE
- Delivery up to 1200 mm
- Outputs up to 20,000 m^3/h
- Head up to 230 m

FEATURES
- Rotating assembly accessible for inspection or maintenance by removing upper half casing without disturbing suction and delivery piping and motor
- Horizontal execution (standard) or vertical execution (optional)
- Vertical pump, direct drive or with universal shaft arrangement
- High hydraulic and overall efficiency due to superior design and manufacturing techniques
- Good suction performance and low NPSH
- Stable characteristics, minimum maintenance required, vibration free performance
- High reliability
- Mechanical seal or gland packed
- 50 or 60 hz operation

VERTICAL TURBINE

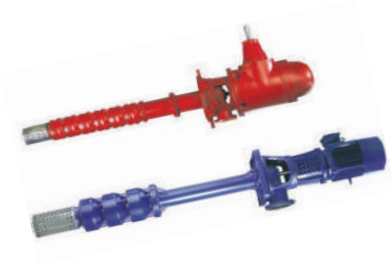
VTP SERIES

WATER | INDUSTRY | OIL & GAS

CONFIGURATION
Vertical lineshaft, vertical electric motor or engine driven, dry or wet well

DISCHARGE & PERFORMANCE
- 150 mm to 600 mm
- Outputs up to 3960 m^3/h
- Heads up to 170 m
- Pumping length up to 60 m

FEATURES
- Cartridge mechanical seal
- Spacer couplings minimise seal change downtime
- High grade materials – stainless steel impellers & shafts
- Muff couplings aid assembly / disassembly
- Flanged riser pipework
- Modular design
- Extended thrust bearing life
- Stiff shaft construction
- Dry and wet well installations



VTC - SERIES VERTICAL TURBINE

WATER | FIRE | INDUSTRY | OIL & GAS

CONFIGURATION
Vertical lineshaft, vertical electro submersible, vertical electric motor or engine driven, dry or wet well

DISCHARGE & PERFORMANCE
- 80 mm to 2200 mm
- Outputs up to 40,000 m^3/h
- Heads up to 200 m

FEATURES
- Space saving
- Low maintenance costs
- High hydraulic efficiency
- Priming problems eliminated. Pump end submerged in liquid
- 60 models, with bowls, heads and columns optimised for performance and cost
- Wide choice of materials
- Diffuser bowls ensure balanced axial loading
- Soft packing or mechanical seals
- API construction
- Follow FM and UL standards, all of which are follow to NFPA 20
- Nuclear certification
- Dry and wet well installations

SUBMERSIBLE BOREHOLE MULTI - STAGE

VB- SERIES

WATER | FIRE | INDUSTRY

CONFIGURATION
Vertical borehole pump, electric motor

DISCHARGE & PERFORMANCE
- Borewell size up to 150 mm
- Outputs 60 m^3/h
- Head 1 m to 322 m

FEATURES
- Higher head per stage resulting in achieving same head with less number of stages
- Better surface finish hence better efficiency and consistent performance
- Lesser weight and lesser height resulting in ease of installation and transportation
- Stainless steel components long life & rust free
- Loading of pipes improves
- For longer life Teflon Carbon Thrust bearing

VB- S SERIES

WATER | FIRE | INDUSTRY

CONFIGURATION
Vertical submersible borehole pump

DISCHARGE & PERFORMANCE
- Delivery size up to 250 mm
- Outputs 0.5 to 500 m^3/h
- Head 2.3 m to 650m

FEATURES
- Pit depth up to 5.5 m
- Temp range from -10 to 150 °C
- Self priming
- Available in various materials
- Mechanical seal or gland packed

HPM SERIES

WATER | FIRE | INDUSTRY

CONFIGURATION
Consists of a number of ring section diffuser casings bolted suction and delivery casing

DISCHARGE & PERFORMANCE
- Delivery up to 200 mm
- Outputs up to 700 m^3/h
- Heads up to 60 bar (Fire applications)
- Delivery 32 mm to 200 mm
- Outputs up to 700 m^3/h
- Heads up to 600 m

FEATURES
- CD for fire applications
- RKB for industrial applications
- Mechanical seal or gland packed
- Suction flange oriented left or right
- Vertical mounting
- Low NPSH
- Available as a canned or vertical turbine type arrangements
- Follow FM and/or UL standards, all of which are follow to NFPA 20

MULTI - STAGE

SOLIDS HANDLING

HPM-S SERIES

WATER | FIRE | INDUSTRY

CONFIGURATION
Multi-stage pump with modular construction

DISCHARGE & PERFORMANCE
- Delivery size up to 200 mm
- Outputs up to 700 m³/h
- Head up to 600 m
- Temp up to 120 °C

FEATURES
- Channel multi-stage, Modular Construction
- Gland Packed / Mechanical Seal
- Electrical Drive / Engine Drive
- Self priming
- Conforming to DIN 24254

VHM SERIES

WATER | INDUSTRY

CONFIGURATION
Horizontal non-clog pumps having single stage, single suction with back pull out type design

DISCHARGE & PERFORMANCE
- Delivery up to 200 mm
- Outputs up to 800 m³/h
- Head up to 90 m

FEATURES
- Back pull-out design
- Solids handling up to 105 mm
- Impeller type non clog
- Oil or grease lubricated bearing housing
- Mechanical seal or gland packed
- Temp up to 140 °C

VHL SERIES

WATER | INDUSTRY

CONFIGURATION
Horizontal and vertical single stage solids handling pump

DISCHARGE & PERFORMANCE
- Delivery up to 900 mm
- Outputs 13,000 m³/h
- Heads up to 82 m

FEATURES
- Solids handling up to 300 mm
- Mechanical seal or gland packed
- Impeller enclosed or semi open type
- Grease or oil lubrication
- Available in various materials

SOLIDS HANDLING

VHS SERIES

INDUSTRY

CONFIGURATION
Vertical non-clog pumps for wet pit applications, these pumps can be offered with a column length up to 6.5 m

DISCHARGE & PERFORMANCE
- Delivery up to 300 mm
- Outputs up to 800 m³/h
- Head up to 90 m

FEATURES
- Solids handling up to 105 mm
- Mechanical seal or gland packed
- Available in various materials
- Impeller non clog type
- The pump unit is suspended by a column pipe which also protects the transmission shaft.

VFW SERIES

WATER INDUSTRY

CONFIGURATION
Vertical direct mounted or open shaft electric motor driven

DISCHARGE & PERFORMANCE
- 75 mm to 600 mm
- Outputs up to 4320 m³/h
- Heads up to 100 m

FEATURES
- Separate pump and motor
- Pump rotating element incorporation bearing and seal arrangement
- Hydraulic loads taken by pump bearing assembly, not motor bearings
- Double cartridge mechanical seal option
- Hydraulic design – low specific speed designs
- Bespoke wear liner
- Large solids passing capacity
- Hardened metallic impeller option
- Positively locked impeller

VFT SERIES

WATER INDUSTRY

CONFIGURATION
Horizontal, vertical open shaft, vertical direct mounted

DISCHARGE & PERFORMANCE
- Delivery up to 200 mm
- Outputs up to 1080 m³/h
- Heads up to 90 m

FEATURES
- High efficiency spiral vane impeller designed to handle large solids, thick sludges and fibrous materials
- Impeller cut to specific duty
- Modular construction to maximise interchangeability
- Steep H/Q curves mean that changes in pumping head can be tolerated without significant loss of efficiency
- Soft packing or mechanical seals

VERTICAL MULTI-STAGE

FIRE FIGHTING

VS - SERIES

WATER | INDUSTRY | FIRE

CONFIGURATION

Vertical multi-stage stanless steel pumps

DISCHARGE & PERFORMANCE

- 25 mm to 100 mm
- Outputs up to 180 m^3/h
- Heads up to 230 m

FEATURES

- Automatic totally enclosed water pumping station
- Low noise levels
- High efficiency pumping units
- Minimum maintenance – unique system avoids solids passing through pumps so eliminates blockage
- 4 sizes of plant available to suit inflow conditions
- Suitable for basement installation
- Clean and environmentally friendly
- Economical to operate

VFF PACKAGE SET

FIRE | OIL & GAS

CONFIGURATION

Single or multiple pump package sets, horizontal end suction close and long coupled, split case long coupled, multi-stage multi-outlet and vertical turbine all electric motor or engine driven

DISCHARGE & PERFORMANCE

- End Suction (Single Stage) – 32 mm to 300 mm. Outputs up to 1100 m^3/h Heads up to 15.2 bar
- Outputs up to 305 l/s Heads up to 16 bar
- Split Case – 80 mm to 1200 mm. Heads up to 23 bar
- Multi-stage multi-outlet – 200 mm. Outputs up to 195 l/s. Heads up to 60 bar
- Vertical Turbine – 200 mm to 508 mm Outputs up to 9000 m^3/h
- Multi-stage / multi-outlet – 50 mm to 250 mm. Outputs up to 850 m^3/h. Heads up to 850 m. Up to 140 °C

FEATURES

- Meeting the requirements of worldwide insurance and approvals bodies
- End Suction – Centreline discharge back pull-out rotating element can be removed without disturbing pipe work
- End Suction – Close coupled, space and cost saving solution
- Axially split case rotating element can be removed without disturbing pipework
- Rigid, box-section baseplates for end suction and split case long coupled packages
- Stainless steel shaft with tight tolerances designed to transmit the maximum load across full pump curve
- Bearing arrangements of ample proportion
- IE2 motors fitted as standard
- Impellers machined and hand finished to meet customer duty

VCT CONTAINER HOUSE

FIRE | OIL & GAS

CONFIGURATION

Design and supply of enclosure and installation inside of main fire pump sets, jockey pump, controllers, starters, all internal pipe work, test line, flow meter, wiring and lighting to provide a fully packaged unit.

DISCHARGE & PERFORMANCE

- End Suction (Single Stage) – 32 mm to 300 mm
- Outputs up to 1100 m^3/h. Heads up to 15.2 bar
- End Suction (multi-stage) – 100 mm to 125 mm
- Outputs up to 700 m^3/h. Heads up to 60 bar
- Split Case – 80 mm to 300 mm
- Outputs up to 9000 m^3/h. Heads up to 23 bar
- Vertical Turbine – 200 mm to 508 mm
- Outputs up to 315 l/s. Heads up to 31.1 bar

FEATURES

- Delivered complete, ready for immediate installation on simple foundations
- Ease of site installation and connection
- Single responsibility for complete pump house
- Fully tested and pre-commissioned using advanced computerised testing facilities
- Individually engineered to customer requirements
- Containerised CAD design
- Wall insulation reduces environmental noise

SELF - PRIMING

VSP OPEN SET (DIESEL)

AUTOPRIME

CONFIGURATION
Open configuration on four wheeled site type trailer

DISCHARGE & PERFORMANCE
- Discharge pressure up to 48 m
- Discharge flow m^3/h max 380

FEATURES
- Low emission coalescer (PM/PE)
- Fuel savings with SmartPrime electric priming (PE)
- Leak free double mechanical seals
- Dry running capability
- Customer choice of the latest emission compliant engines
- High interchangeability of parts
- Heavy duty shaft and bearings
- High efficiency pump hydraulics
- Heavy duty and durable vacuum pump
- Reduced maintenance
- Integrated central lifter
- Excellent flow and head performance
- Excellent solids handling capability
- Quality design and parts offering durability
- Proven technology

VSP HIGH FLOW

AUTOPRIME

CONFIGURATION
Open skid or trailer configuration or acoustic canopy on road tow or site trailer or skid type chassis

DISCHARGE & PERFORMANCE
- Discharge pressure up to 130 m
- Discharge flow m^3/h max 2550

FEATURES
- Low emission coalescer (PM/PE)
- Fuel savings with SmartPrime electric priming (PE)
- Minimal moving parts in the priming system
- Leak free mechanical sealing
- Customer choice of the latest emission compliant engines
- High interchangeability of parts
- Heavy duty shaft and bearings
- High efficiency pump hydraulics
- Heavy duty and durable vacuum pump
- Reduced maintenance
- Excellent flow and head performance
- Excellent solids handling capability
- Quality design and parts offering durability
- Proven technology

VSP OPEN SET (ELECTRIC)

AUTOPRIME

CONFIGURATION
Open skid or trailer electric motor driven

DISCHARGE & PERFORMANCE
- Discharge pressure up to 160 m
- Discharge flow m^3/h max 2550

FEATURES
- Low emission coalescer (PM/PE)
- Energy savings with SmartPrime electric priming (PE)
- Minimal moving parts in the priming system
- Leak free mechanical sealing
- High interchangeability of parts
- Heavy duty shaft and bearings
- High efficiency pump hydraulics
- Heavy duty and durable vacuum pump
- Reduced maintenance
- Excellent flow and head performance
- Excellent solids handling capability
- Quality design and parts offering durability
- Proven technology
- Optional variable speed drive
- Power inlet socket for diesel generator drive or mobile site application
- Hazardous area and ATEX approved motors
- Fixed or variable speed.
  Variable speed via frequency inverter.

SUBMERSIBLE LIQUID

VDR HYDRAULIC SUBMERSIBLE

AUTOPRIME

CONFIGURATION
Open skid or trailer configuration or acoustic canopy on road tow or site trailer or skid type chassis

DISCHARGE & PERFORMANCE
- Discharge pressure up to 130 m
- Discharge flow m^3/h max 2300

FEATURES
- Comprehensive choice of over 30 pump ends and over 25 power packs to ensure efficient matching
- Efficient, variable speed drive provides excellent fuel-savings
- Proved and reliable designs
- Sound attenuated power packs available
- Use of biodegradable oil as standard
- No electrical hazard as encountered with electric submersibles
- Pump ends can be bolted inline to become booster pumps
- Compact dimensions to allow access through manholes
- Minimal maintenance and low maintenance costs
- Easy set-up can be operational in a very short time
- Can be used in hazardous environments

VAT - SERIES

TRANSFORMER OIL

CONFIGURATION
Inline, glandless oil submerged motor on common shaft with impeller

DISCHARGE & PERFORMANCE
- 50 mm to 250 mm
- Outputs up to 576 m^3/h
- Heads up to 30 m

FEATURES
- Aluminium Casings - Robust lightweight design
- Proven long reliability in industry
- Hand built in England with British castings and European Motors
- Entire range 3D CAD modelled
- Every pump is performance and pressure tested on our warm oil test rig (documented results)
- Duty performance to your specific requirements
- Flexible to your needs - flange drillings, paint and material specifications to your needs
- Fully weatherproof
- Oil cooling circulation in:
  - Power distribution transformers
  - Locomotive transformers and converters

SD - SERIES

SUBMERSIBLE SEWAGE PUMP

CONFIGURATION
Elbow (end suction) glandless oil submerged motor on common shaft with impeller

DISCHARGE & PERFORMANCE
- 50 mm to 100 mm
- Outputs up to 78 m^3/h
- Heads up to 30 m

FEATURES
- High grade cast iron casings and bronze impellers
- Proven long lifetime performance in industry
- Hand built in England with British castings and European Motors
- Every pump is performance and pressure tested on our warm oil test rig (documented results)
- Duty performance to your specific requirements
- Flange and paint to your specifications
- Fully weatherproof
- Oil cooling circulation in:
  - Power distribution transformers
  - Locomotive transformers and converters

THE BEST SOLUTION FOR LIQUID TRANSMISSION

At our main manufacturing centre in ASIAN we strive to develop the best products using high quality engineering and manufacture. Engineered and developed to the most rigorous standards, our products are then tested in our purpose built facility that incorporates a 500 thousand litre reservoir. It's no surprise that our products are commonly regarded as the best in the industry.

ISO 9001 FS 704693
ISO 14001 EMS 704692
OHSAS 18001 OHS 704691

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www.versar.com.sg