



ROC No 171737-T

COMPANY PROFILE



Panah Jaya Services Sdn. Bhd. (171737-T)

Unit 120 & 122, Lobby B, Block A, Kelana Centre Point,
3, Jalan SS7/19, Kelana Jaya, 47301 Petaling Jaya
Selangor, Malaysia

Tel : 03-7806 4505 Fax : 03-7806 4510

e-mail : panah@panahjaya.com.my

Website : panahjaya.com.my

Panah Jaya Services Sdn Bhd

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- Brochure
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About Us

Panah Jaya Services Sdn Bhd (PJS), 51% shared owned by Bumiputra, 49% by P.J Services Ptd Ltd, was incorporated on 5th July 1988. The company has since been engaged in the supply of equipment, spare parts, machinery and materials for oil & gas industry in Malaysia.

Together with its associate company, PJ Services Pte Ltd, Singapore, the group is a leading regional company in the provision of products and services to the oil and gas industry covering the Asia-Pacific region including Australia, Brunei, China, India, Indonesia, Malaysia, Myanmar, the Philippines, Thailand and Vietnam

Traditionally, the company concentrated its activities in the upstream sector of the oil & gas market, dealing mainly with E & P clients such as Petronas Carigali, ExxonMobil Exploration & Production Malaysia Inc. (EMEPMI), Sarawak Shell (SSB) and Sabah Shell Petroleum Co. (SSPC) and their offshore platform fabricators in Malaysia and also around the region. As the local oil and gas industry progressed, we have increased our coverage in the downstream sectors to include onshore pipelines and refinery operation. Since its humble beginnings in 1988, PJS has gone through a continuous improvement process and is poised to position itself as a leading vendor of choice specialising in the sourcing, supply and delivery of equipment spares and materials for the oil & gas and energy industries.

Brochure



Commercial Pure Water Series

PW 3000-20000 GPD
(11-75 m³/day)



For Commercial Marine Applications

The PW Series reverse osmosis desalination systems are the preferred choice of reliable fresh water generating equipment for the most demanding marine operators (such as major oil companies, The United States Navy, The United States Coast Guard and The Cousteau Society). Thousands of PW installations have proven the performance and longevity under the most rugged conditions.



PW-3000

Contact Information:

Parker Hannifin Corporation
Racor Division/Village Marine Tec.
2000 W. 135th St.
Gardena, CA 90249

phone 310 516 9911
fax 310 538 3048
racor@parker.com
www.villagemarine.com

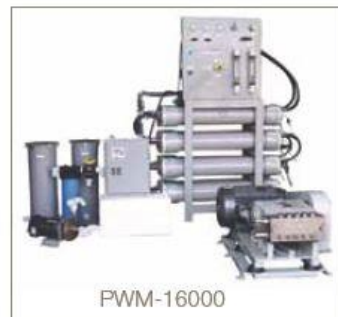
www.parker.com/racor

Key Features:



Titanium Head Pump

At the core of each PW series watermaker is the Aqua Pro 3 or 5 plunger titanium high pressure pump.



PWM-16000

Modular configuration allows freedom to install components where space permits, and the modules are small enough to fit through hatchways for installation.

ENGINEERING YOUR SUCCESS.



Commercial Pure Water Series

3000-20000 GPD
(11-75 m³/day)

Standard Features:

- Stainless Steel 316 pre-filtration housings deliver 200 sq. ft. of

- filtering area
- Stainless steel, glycerin filled pressure gauges accurately read pressure at filters, pump and product
- Stainless steel 316 high pressure valve allows bypass for start-up and low pressure flushing without readjustment of regulating valve
- Automatic valve diverts water to discharge if water quality drops below acceptable standards

- Digital water quality monitor displays ppm TDS of product water output. Also displays temperature and total hours for accurate service logs
- Freshwater flush system extends life of membranes without use of preservatives
- Optional multi-media filter for operations in turbid seas
- Optional Explosion Proof rating.

Model	Part Number	Power Volts/Ph/Hz/Amps	Capacity GPH-m ³ /day	Dimensions WxDxH inch/cm	Weight lbs/kg
PW-3000	90-8654	220/1/60/53	125/11	84/213x34/86x35/89	800/364
	90-8206	380/3/50/17			
	90-8236	440/3/60/17			
PWM-3000	90-8653	440/3/60/17	167/15	MODULAR	900/409
	90-8262	220/1/60/53			
	90-8243	380/3/50/17			
PW-4000	90-8240	440/3/60/17	208/20	MODULAR	1000/455
	90-8655	440/3/60/17			
	90-8656	380/3/50/24			
PW-5000	90-8599	440/3/60/22	250/25	MODULAR	1050/477
	90-8257	440/3/60/22			
	90-8070	380/3/50/24			
PW-6000	90-8657	440/3/60/22	292/27	MODULAR	1500/682
	90-8261	440/3/60/22			
	90-8659	380/3/50/24			
PW-7000	90-8245	440/3/60/22	333/30	MODULAR	1600/727
	90-8658	440/3/60/22			
	90-8214	380/3/50/28			
PW-8000	90-8203	440/3/60/27	417/40	MODULAR	1800/818
	90-8660	440/3/60/27			
	90-8051	380/3/50/28			
PW-10000	90-8073	440/3/60/27	500/45	MODULAR	1900/864
	90-8661	440/3/60/27			
	90-8258	380/3/50/37			
PW-12000	90-8284	440/3/60/33	667/61	MODULAR	2200/1000
	90-8662	440/3/60/33			
	90-8075	380/3/50/37			
PW-16000	90-8193	440/3/60/33	833/75	MODULAR	2250/1022
	90-8126	440/3/60/33			
	90-8232	380/3/50/43			
PW-20000	90-8542	440/3/60/39		MODULAR	
	90-8663	440/3/60/39			

Spares and Consumable Parts

Part No.	Description	Part No.	Description
33-5100	Filter Element - 5 micron	70-3075	Pump FE Kit, PW-8000 & up
33-2100	Filter Element, 20 micron	70-0624	Pump CC Kit, up to PW-7000
32-0007	Filter Housing O-Ring	70-3078	Pump CC Kit, PW-8000 & up
33-0315	Carbon Filter - up to PW-7000	90-2323	Membrane O-Ring Kit, Up to PW-6000
33-0083	Carbon Filter - PW-8000 & up	32-1016	Membrane O-Ring Kit, PW-7000 & up
70-1448	Drive Belt - up to PW-7000	20-4100	Salinity Probe
70-1440	Drive Belt PW-8000 & up	85-0045	Membrane Cleaner #1, 25 lbs
85-0050	Pump Oil, Quart	85-0048	Membrane Cleaner #2, 25 lbs
70-0623	Pump FE Kit, up to PW-7000	85-0049	Membrane Preservative, 25 lbs

To maintain peak performance always use genuine Parker-Racor/Village Marine Tec. replacement parts.
We reserve the right to change our specifications or standards without notice.

PLIDCO® THE PIPE LINE DEVELOPMENT COMPANY

PRODUCTS

- Fittings are versatile and easy to install by end user maintenance personnel.
- Fittings can be welded with the line in operation.
- Products carry serial numbers and are traceable to a Material Certificate.
- Fittings are available with a wide choice of seal materials that are compatible with the product in the line.
- Elastomer seals carry batch numbers and are traceable to a Material Test Report.
- Split products come with steel GirderRing that prevents displacement and damage to seals during installation.



PLIDCO® SPLIT+SLEEVE

PLIDCO® Split+Sleeves are repair fittings that can be used to permanently seal leaks caused by corrosion or third party damage on-shore and off-shore. These fittings are easy and safe to install and can be welded while the line is in service.

Standard working pressure is 1,000 psig with higher working pressures available. The PLIDCO® Split+Sleeve is hydrotested to 1.5 times its working pressure and is designed using ASME Section VIII and meet the intent of API 6H/6X. Standard stock includes API pipe sizes 1½" to 48". Higher working pressure, longer lengths and other sizes are available upon request.

Benefits:

- Can be used for temporary or permanent repair.
- Can be seal welded for a permanent repair while the line is in service.
- Steel GirderRing holds seals in place and protects them from displacement and damage during installation.
- Design includes bolt induced bending stresses.
- Body and seal gland design has over 65 years of proven success.
- Wide range of seal materials in stock.
- PLIDCO® Split+Sleeves used for temporary repair can be reconditioned and used again.
- Operator Qualification training is available.

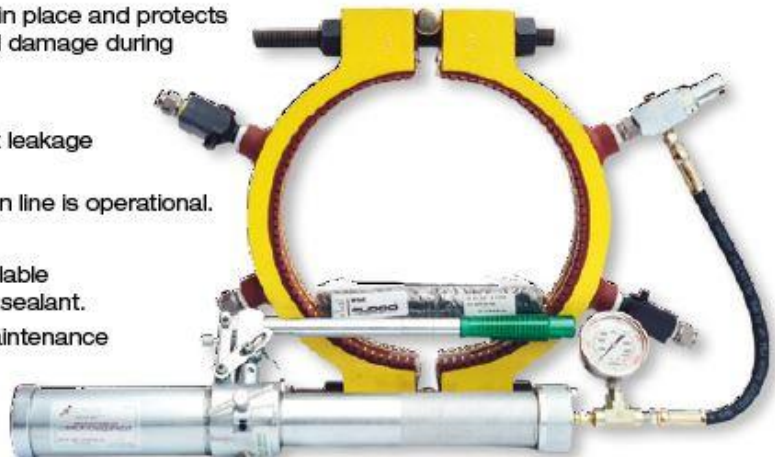


PLIDCO® FLANGE+REPAIR RING

The PLIDCO® Flange+Repair Ring fits over the leaking flange to create a seal around the circumference. The ring comes with button-head fittings, which allows sealant to be pumped in for a complete seal around studs and nuts.

Benefits:

- Steel GirderRing holds seals in place and protects them from displacement and damage during installation.
- No drilling required.
- Sealant is injected to prevent leakage at flange bolts.
- Installation can be done when line is operational.
- Safe and easy installation.
- Complete repair kits are available that include sealant gun and sealant.
- Can easily be installed by maintenance personnel.
- Can be reconditioned and used again.
- Operator Qualification training is available.



PLIDCO® THE PIPE LINE DEVELOPMENT COMPANY



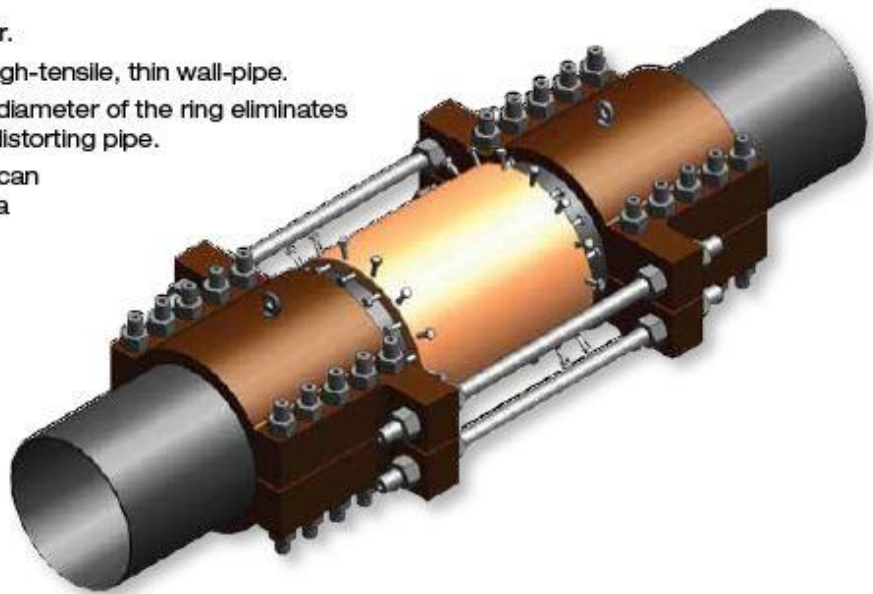
PLIDCO® CLAMP+RINGS

PLIDCO® Clamp+Rings are used with PLIDCO® Weld+Ends®, Split+Sleeves, or other fittings where excessive end-pull or compression loadings are encountered. They may be used permanently, or temporarily, and are reusable.

The PLIDCO® Clamp+Rings are constructed to achieve tremendous gripping power. Carefully designed, the PLIDCO® Clamp+Rings eliminate the danger of caving in or distorting pipelines.

Benefits:

- Extreme gripping power.
- Especially useful with high-tensile, thin wall-pipe.
- Precision-bored inside diameter of the ring eliminates danger of caving in or distorting pipe.
- PLIDCO® Clamp+Rings can be repeatedly used as a maintenance tool.

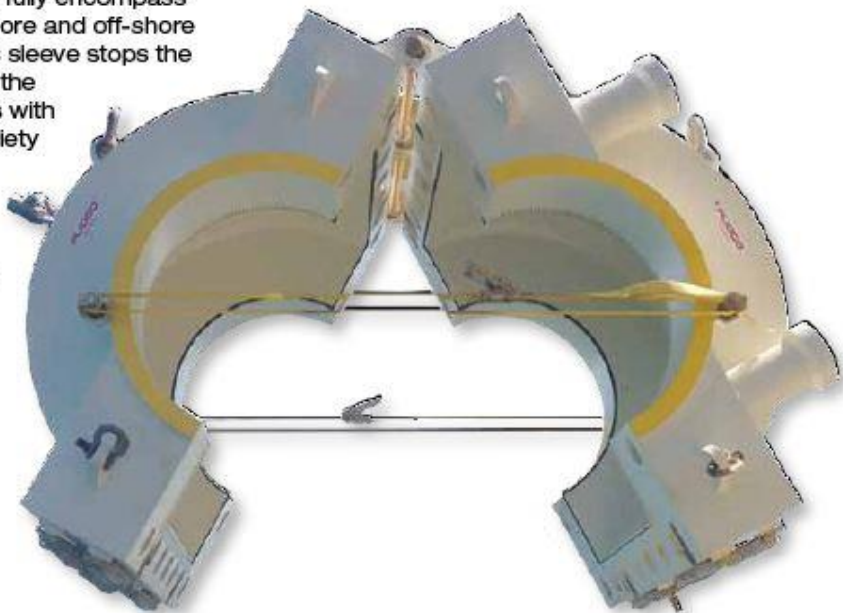


PLIDCO® FLANGE REPAIR SPLIT+SLEEVE

Used to seal and fully encompass flanges for on-shore and off-shore applications. This sleeve stops the leaking flanges by sealing on the pipe beyond the flange welds with the ability to cover a wide variety of flange types and classes.

Benefits:

- Steel GirderRing holds seals in place and protects them from displacement and damage during installation.
- Covers a wide range of flange types and classes.
- A variety of seal materials are available.
- Used for on-shore and off-shore applications.
- Safe and easy installation.



PLIDCO® THE PIPE LINE DEVELOPMENT COMPANY



PLIDCO® OVALITY+GAUGE



PLIDCO® WELD+ENDS® COUPLINGS



PLIDCO® POWER+GRIP CONNECTOR



PLIDCO® RISER WELD+ENDS®



PLIDCO® HOT TAPPING+SADDLE



PLIDCO® FLANGE



PLIDCO® SPLIT+REPAIR ELL / TEE / CROSS



Tee

Cross

Ell

PLIDCO® THE PIPE LINE DEVELOPMENT COMPANY



PLIDCO® SOLE+MATES™



PLIDCO® WELD+CAP



PLIDCO® TAP+ENCLOSURE



Domed Split Bolt-On



Domed Weld-On



Domed Split Weld-On



PLIDCO® SHEAR+PLUG™



PLIDCO® CLAMP+SLEEVE





iNPIPE PRODUCTS

www.inpipeproducts.com

iNPIPE PRODUCTS™ design and manufacture a unique and comprehensive range of patented and proven intrusive pig signallers in a range of materials and configurations to ensure complete reliability and trouble-free operation with a design life of over 25 years.

Unlike competitors' bi-directional and unidirectional pig signallers, the **iNPIPE PRODUCTS™** signaller is designed to operate through 360°. This unique design feature ensures that it is impossible to install in an incorrect orientation; a common problem with uni-directional and bi-directional signallers due to the potential for the flange of boss being offset when welded to the pipeline. An additional design feature of the **iNPIPE PRODUCTS™** signaller, to ensure that the flag is always visible, is the ability to rotate the flag indicator through 90°. The patented magnetically linked trigger mechanism ensures minimum working parts and no moving seals to provide accurate and repeatable pig actuation by foam pigs, spheres and pigs on pipelines from 2" in diameter.

Technical Details

- Covers ANSI 150 to 2500 pressure ratings
- New API 10,000 range of signallers with welding boss or flanged connections
- Designed in accordance with BS PD 5500 & ASME VIII Div. I
- Suitable for 2" pipelines and above
- NACE compliant to MR0175/ISO 15156
- Temperature operational from -20°C to 120°C as standard
- Magnetic principal of operation
- Proven 25-year design life

Materials of Construction

- Welding boss and flanges manufactured as standard from ASTM 350 LF2 or F316
- Seal manufactured from Nitrile/ Viton/PTFE
- Standard paint specification: Grey alkyd anti-corrosive primer (Tractol 837, 50-75 µ)
- All standard wetted parts 316 stainless steel
- All bolting ASTM A193-B7/ ASTM A194-2H






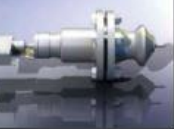
Features	Benefits
Unique patented omni-directional trigger operating through 360°	Easy installation. Cannot be installed incorrectly. Reduced installation cost
Can be installed in any orientation – horizontal or vertical	Standard signallers on line irrespective of pipe orientation
Simplified, trouble free trigger mechanism	Operational reliability
Magnetic operation with specially coated rare earth magnets	Simple operation free from problematic gears and cogs
Failsafe trigger & flag operation not operated by vibration or product flow	Operational reliability prevents false signals
Wetted parts* from stainless steel	Reliable trouble free operation
Meets NACE requirements	Options available for the most difficult chemistry
No dynamic seals	Longevity and minimum maintenance
Triggered by pigs, foam pigs and spheres	Flexible operation throughout the asset lifetime
Materials of construction ensure failsafe operation in the most hostile environment	Proven durability
Removable under pressure	Cost efficient maintenance with no downtime
Sub-sea options available	Easy operation and flexibility
Hot tapping option available	Replacement of broken signallers under pressure







* Wetted parts from stainless steel or exotic materials, see quotation drawing and bill of materials.



iNPIPE
PRODUCTS

www.inpipeproducts.com

MW	CW	EW	MF	CF	EF
					
Flag signaller	Flag signaller		Flag signaller	Flag signaller	Flag signaller
	Electrical switch	Electrical switch		Electrical switch	Electrical switch
Welding boss connection to pipeline	Welding boss connection to pipeline	Welding boss connection to pipeline			
			Flanged connection to pipeline*	Flanged connection to pipeline*	Flanged connection to pipeline*
360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly

MVW	CVW	EVW	MVF	CVF	EVF
					
Flag signaller	Flag signaller		Flag signaller	Flag signaller	Flag signaller
	Electrical switch	Electrical switch		Electrical switch	Electrical switch
Welding boss connection to pipeline	Welding boss connection to pipeline	Welding boss connection to pipeline			
			Flanged connection to pipeline*	Flanged connection to pipeline*	Flanged connection to pipeline*
Isolation valve for removal under pressure	Isolation valve for removal under pressure	Isolation valve for removal under pressure	Isolation valve for removal under pressure	Isolation valve for removal under pressure	Isolation valve for removal under pressure
360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly	360° trigger operation: Cannot be installed incorrectly

*Picture shows client supply flanged connection to pipe.

iNPIPE PRODUCTS™ code system

M = Mechanical flag (manual reset)

E = Electrical switch

C = Combined (mechanical flag & electrical switch)

X = Signaller extension up to 3 m in length

V = Ball valve

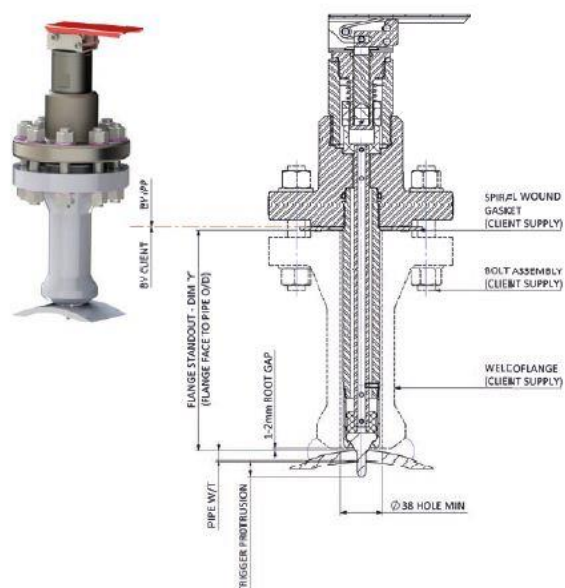
F = Flanged pipeline mounting option

W = Welding boss pipeline mounting option

This diagram identifies the standard scope of supply for iNPIPE PRODUCTS™ flanged signaller.

A common issue with weldoflanges is that the height is different from the height stated in the client datasheets. This effects the trigger protrusion on the signallers causing triggering issues and costly delays.

The trigger protrusion is critical for the signaller to operate correctly. This is worked out from the pipeline details and stand out height provided by the client and has a $\pm 2\text{mm}$ tolerance on the trigger protrusion. If the stand out dimension is different from the one provided on the client datasheets, there is potential that the signaller will not operate correctly. If the stand out is too long, the trigger will not protrude into the pipeline enough to trigger when a scraper goes past and if the stand out is too short, the trigger will protrude into the pipeline too much, which could potentially cause damage to passing scrapers and to the signaller itself. An option to prevent any of these issues is for iNPIPE PRODUCTS™ to provide the weldoflange, these can be purchased as an optional extra when ordering a flanged signaller, it will provide the client with peace of mind that the weldoflange is the correct size for the signaller to operate correctly.



ALWAYS THE MOST COST-EFFECTIVE FILTRATION SOLUTION



► FILTRATION PRODUCTS

We remove contaminants from your process, product, and environment. In doing so, we increase production equipment availability, prevent downtime and create a safe working environment. We supply brand and styles according to customer demand, guaranteeing 100% availability of all your filters. Thanks to our fully automated custom logistics administration system, we quickly understand your stocking requirements, and ultimately save you money.



► SERVICE & MAINTENANCE

Your filtration system is in good hands with EFC. Our maintenance and 24/7 breakdown service guarantees system availability and minimizes downtime. We provide maintenance not only for the filter, but for the entire unit. This includes compressed air cleaning, piping and valves. Our department also has a laboratory for solid particle research and a fleet of rental and test units.



► ENGINEERED SOLUTIONS

Standard products are not always the best solution. We can custom design, manufacture and install a product ourselves. With our own engineering department designing both filter elements and complete units, we control the continuity and quality of your processes, while maintaining the lowest possible costs.



► UTILITY SUPPLIES

Our Utility Supplies department is equipped to fulfil the needs of service companies in the area of climate technology. Filtration products and accessories must be delivered quickly and to many locations. This requires strong administration and logistics, which is our forte. To compliment this speed and agility, we offer many supporting services including training courses, a pick-up service, energy calculations and climate measurements.



Profile

Name of Company	: Panah Jaya Services Sdn Bhd
Date of Incorporation	: 5 July 1988
Authorised Capital	: RM 500,000.00
Paid-Up Capital	: RM 100,000.00
Equity Holding	: 51% Bumiputra, 49% Foreign
Equity Structure	: Mohd Nor Azmi Bin Nordin P.J Services Pte Ltd
Directors	: Mohd Nor Azmi Bin Nordin : Joyah Binti Mohamed : Adnan Bin Mansor
Key Personnel	: Khairul Amamin Hamidin (Sales & Service Manager) : Lee Razali (Finance Manager) : Salahuddin Mohd Jalani (Sales Project & Service Engineer)
Head Office Address	: Panah Jaya Services Sdn Bhd Unit 120 & 122, Lobby B, Block A, Kelana Centre Point, 3 Jalan SS 7/19, Kelana Jaya, 47301 Petaling Jaya, Malaysia.
Telephone	: (60)3-7806 4505 (60)3-7806 4506
Telefax	: (60)3-7806 4510
E-Mail	: amamin@panahjaya.com.my : lee@panahjaya.com.my : salahuddin@panahjaya.com.my
Website	: panahjaya.com.my
Registration / Licence	: Certificate of Inc.: 171737-T Petronas Licence: L-171737-T

NITROGEN GENERATORS

The nitrogen generator packages are complete skid-mounted units with chillers (if applicable). All types of filters are in single or twin configuration, control panels, PLCs', instruments, valves etc. All these components can be applied in all materials, types and makes available on the market. Nitrogen generators separate compressed air into a product stream of nitrogen and a (waste) stream of enriched air. The waste stream of air will be vented into the atmosphere, while the nitrogen is directed into the system. Nitrogen is most often used as a safety gas to avoid hazardous situations, e.g. fire or explosion, and is often applied in a gas environment. Applications are purging, blanketing, inverting or preservation. AIRPACK NEDERLAND B.V. can offer you the simple nitrogen generator with hollow fibre membranes.



AIR AND GAS DRYER PACKAGES

Airpack Nederland B.V. is the manufacturer of several dryer types:

- Heatless adsorption dryer
- Heated adsorption dryer
- Refrigerated dryer
- Membrane dryer



Airpack's speciality are custom made packages for explosion proof areas and extreme ambient conditions.

For most applications we advise to use the heatless adsorption dryer in order to achieve the required dew point, because of the water load and the temperature upstream the dryer is very high.

Each Airpack dryer will be designed according to its required dew point and the operating capacity, pressure and temperature.



As a worldwide package manufacturer, Airpack can supply all types of filters in single or duplex configuration, control panels, PLC's, instruments, valves etc. These parts can be applied in all materials, types and makes available on the market.

AIRPACK OPTIONS

- Stainless steel components like enclosure panels, oil system, process piping, coolers and separators (e.g. offshore applications)
- ATEX explosion proof, suitable for operation in Zone 1 or Zone 2 environment
- Control by redundant and/or SIL certified PLC with HMI (human machine interface) for operation via touch screen
- Hydrogen Sulfide (H₂S) compressor intake filters
- Winterization enclosure, for extreme low temperatures (-45°C)
- Tropicalization for extreme high ambient temperature up to 60°C
- Control by DCS (distributed control system)
- Vibration monitoring system by 4-20 mA detectors or sophisticated Benly Nevada monitoring system

AIR COMPRESSOR PACKAGES WITH OIL FREE SCREW COMPRESSORS



Screw compressors operate on the principle of positive displacement. Each screw compressor consists of a male and female screw. As no oil is injected during compression, the screw rotors may not touch each other, which is achieved by gears. As there is no cooling provided by the injected oil, oil free screw compressors are equipped with two compression stages. Special attention is required for cooling downstream each compression stage.

The rotors are driven by time gears in order to achieve the best efficiency. These gears are lubricated and cooled by oil. Each air end can provide a certain capacity range by changing the gear ratio.

Each compressor is provided with an oil cooler, inter cooler and after cooler, which can be of an air or water cooled type. Each oil free rotary screw compressor is designed specially according to the customer specifications and applicable climate conditions (e.g. hazardous area, very low or high ambient temperatures, offshore environment).



AIRPACK OPTIONS

- Compressor drive by LV, MV or HV electric motor, diesel engine or turbine.
- Stainless steel components like enclosure panels, oil system, process piping, coolers and separators (e.g. offshore applications)
- ATEX explosion proof, suitable for operation in Zone 1 or Zone 2 environment
- Control by redundant and/or SIL certified PLC with HMI (human machine interface) for operation via touch screen
- Hydrogen Sulfide (H₂S) compressor intake filters
- Winterization enclosure, for extreme low temperatures (-45°C)
- Tropicalization for extreme high ambient temperature up to 60°C
- Control by DCS (distributed control system)
- Vibration monitoring system by 4-20 mA detectors or sophisticated Bently Nevada monitoring system
- Provision of complete closed cooled water system with water chiller (if required) The available oil free rotary screw compressors are mentioned in the table on the next page. For low capacities (< 55 kW) oil free tooth compressors are available.

AIR COMPRESSOR PACKAGES WITH PISTON COMPRESSORS



The following piston compressors are manufactured and supplied by Airpack Nederland B.V.:

- Horizontal piston compressors, oil free and oil lubricated
- Vertical piston compressors, oil free and oil lubricated.
- V type compressors, oil free and oil lubricated

We are specialized in providing this equipment for hazardous areas, desert/tropical/artic environments and earthquake sensible areas.

The compressor(s) will be driven via a coupling, gearbox, V-belt, an electric motor, diesel engine or turbine. Accessories like oil- and air coolers (forced by cooled air or cooled water), oil- and water pumps in duplex or single configuration, oil- and air filters in duplex or single configuration, pressure vessels, separators, pulsation dampers, control panels, PLC's, instruments, valves etc. can be applied to all materials, types and can be made available to market.



For small compressed air or gas applications we apply V-type or vertical compressors while for larger applications horizontal compressors will be used. Both oil free and lubricated piston compressors are available. The motion work i.e. crankshaft and bearings require lubrication in any case. A double seal prevents any oil entering into the cylinders.

Compressors with small capacities will be air cooled and the compressors with larger capacities will be water cooled by closed or open systems.

AIRPACK OPTIONS

- Compressor drive by LV, MV or HV electric motor, diesel engine or turbine
- Stainless steel components like enclosure panels, oil system, process piping, coolers and separators (e.g. offshore applications)
- ATEX explosion proof, suitable for operation in Zone 1 or Zone 2 environment
- Control by redundant and/or SIL certified PLC with HMI (human machine interface) for operation via touch screen
- Hydrogen Sulfide (H₂S) compressor intake filters
- Winterization enclosure, for extreme low temperatures (-45°C)
- Tropicalization for extreme high ambient temperature up to 60°C
- Control by DCS (distributed control system)
- Vibration monitoring system by 4-20 mA detectors or sophisticated Benly Nevada monitoring system
- Provision of complete closed cooled water system with water chiller (if required)

A) Product Scope

PJS business activities are principally in the marketing and sales of a range of products for the energy and related industries, covering oil & gas, petrochemical, marine and power generation. PJS has secured a number of exclusive representations from reputable overseas manufacturers to promote and sell their respective products in the local market.

These products can be loosely grouped under the following five (5) categories:

a) Pipeline Products

- Pipeline Cleaning Pigs
- Intrusive & Non-intrusive pig signaller.
- Pipeline Clamping

b) Production/ Process & Equipment

- Reverse Osmosis Desalination Plants
- UV Sterilizers
- Filters Solution

c) Pump Equipment

- Reciprocating Pump Packages
- Pump Pulsation Dampeners

d) Platform Jacket Equipment

- Jacket Leg Diaphragms
- Grout Seals
- Pile Grippers
- Internal Lifting Tools
- Marine fenders
- Shock Cells / barge Bumpers / Rub-Strips
- Eccentric Bumper Rings

B) Trading Services

Although PJS main activity is in the sales and marketing of its exclusively represented equipment, spare parts & materials, it is committed to expanding its product offerings to the existing customer base and prospective clients. Over the years, the company and its key personnel have established strong business linkages with a dedicated network of efficient purchasing houses in the UK, Europe, USA and Singapore.

Using this network of suppliers, PJS is in an enviable position to provide our clients with more efficient and cost effective international sourcing activities for non-agency products, particularly equipment and machinery spare parts. This has enabled PJS to obtain the most advantageous prices, committed delivery times and attractive payment arrangements, which will then be shared with our customers in the form of competitive quotations and discounts.

C) Experience

PJS has over eighteen (29) years of accumulated experience and proven track records in international procurement and supply activities for PETRONAS, its production sharing contractors (PSCs), offshore fabricators and oil refineries, gas processing plants and petrochemical companies operating in Malaysia.

Obviously this experience was gained with the guidance and backing by PETRONAS and professionals in the industry.

During the period, PJS has managed to build up a sizeable clientele and has undertaken several major purchase orders and delivered equipment and materials in strict conformance to client's requirement and specifications. These opportunities offered to PJS have enabled it to gain invaluable experience in the oil & gas business. These include the expertise it has acquired in the supply of equipment, tools and materials for the upstream activities, notably in the development of new offshore production facilities.

PJS current customer base is made up of 4 key market sectors:

i) Oil and Gas Companies

- Petronas Carigali Sdn Bhd
- Sarawak Shell Berhad -
- ExxonMobil Exploration and Production Malaysia Inc (EMEPMI)
- Murphy Sarawak Oil Sdn Bhd
- Repsol Oil and Gas Malaysia Limited.
- Carigali-Hess Operating Company Sdn Bhd
- EnQuest Petroleum
- Lundin B.V
- Chevron Ltd
- Carigali -PTTEPI Operating Company Sdn Bhd
- Kebabangan Petroleum Operating Company Sdn Bhd
- JX Nippon Oil & Gas Exploration Corporation

ii) Offshore Fabricators

- Malaysia Marine and Heavy Engineering Holding Berhad
- Sime Darby Engineering Sdn Bhd
- THHE Fabricators Sdn Bhd
- Kencana HL Sdn Bhd
- Dialog Fabricators Berhad
- Brooke Dockyard Engineering Works Corporation
- Ocean Might Sdn Bhd

iii) Gas LNG/ Plants, Refineries and FPSO/FSO Operator

- Petronas Gas Berhad
- Shell Malaysia Trading Sdn Bhd
- Petronas Refinery – Kerteh
- Petronas Penapisan (Melaka) Sdn Bhd
- Petronas Penapisan (Terengganu) Sdn Bhd
- Trenergy FPSO Sdn Bhd
- Boustead Penang Ship Yard.

iv) Engineering Companies/ Pipeline Operators

- Ranhill Engineers and Constructors
- Aker Kvaerner Process System Asia Pacific Sdn Bhd
- Technip FMC (Malaysia)
- Petrofac RNZ

- MMC Oil and Gas Engineering

We have an established association with the consulting engineer's offshore fabricators in the course of promoting our products and equipment. This gives us an excellent opportunity to assist them in identifying solutions or alternative options during the design stage of new projects.

D) Business Objectives

PJS is striving to position itself as a competitive and efficient marketing and sales organisation within the energy industries. It is in the process of consolidating its resources and increasing its capability to meet the more demanding and sophisticated requirements of the oil & gas industries, while at the same time, expanding its business scopes to serve the diverse needs of customers in the other sectors related to these industries.

These efforts are expanded to achieve the following main objectives:

- I. To be the vendor of choice in the supply of equipment, spare part and materials for the oil. Gas & petrochemical operations
 - 70% from offshore (upstream)
 - 30% from onshore (downstream)
- II. To study the commercial viability of manufacturing certain product lines in Malaysia with the view of increasing their local contents.

E) Licence and Registration

PJS is licensed to conduct its business in Malaysia by the following authorities:

- a) PETRONAS (Malaysian National Oil Corporation)
 - Equipment and services to the oil and gas industry.

In addition to the above licensing authorities, PJS is registered as a vendor with the various oil companies, offshore platform fabricators, shipyards, petrochemical & gas processing plants.

Clientele



JX Nippon Oil & Gas Exploration