

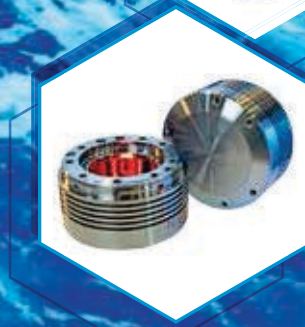


# Goltens

Singapore Pte Ltd



**TRUSTED GLOBALLY**  
Your Preferred Spare Parts Specialist









Goltens is committed to provide quality products and services to our customers and has long since been recognized by major fleet customers worldwide as the preferred provider of high quality products to vessels around the world.

With our vast knowledge and experience in the Marine, Offshore, Oil & Gas and Power Generation industry, we are in a strong position to supply original equipment that supports customers from project inception through the life of the vessel. This is why our broad customer base chooses to work with us.



## 2-Stroke Main Engine Spare Parts

Goltens provide high quality spares at competitive prices for the most popular range of slow speed 2-stroke marine diesel engines which includes:

- Cylinder Liners
- Cylinder Covers
- Piston Crowns & Skirts
- Exhaust Valve Spindles & Seats
- Consumable Parts

These products are tested and approved by all major classification societies e.g. LR, DNV and ABS and complied to ISO 9001:2000 requirements.

### Range of Engine Model:

Sulzer / Wartsila - RT-Flex Series, DF Series  
MAN B&W - ME, ME-C Series  
Mitsubishi UEC



Valve Spindles & Seats



Cylinder Liners



Piston Crowns



## 4-Stroke Auxiliary Engine Spare Parts

Goltens Singapore also keep stocks and supply a wide range of 4-stroke Diesel & Gas Engine spare parts from Genuine, OEM and other compatible sources of different origins as follows:

### Japan :

- Hanshin
- Mitsubishi
- Akasaka
- Niigata
- Yanmar
- Daihatsu

### USA :

- MAK
- Caterpillar
- Cummins
- EMD
- GE Transportation

### Europe :

- Pielstick
- Deutz
- Detroit
- SKL
- Perkins
- Mirrless Blackstone
- Bergen
- Wartsila

### China :

- ZJCMXD
- ZJCME
- Anqing Daihatsu
- Zichai Yanmar
- Chongqing Cummins
- Shanxi Diesel (SXD)

### Korea :

- Doosan
- Daewoo
- Hyundai
- Himsen
- STX
- Ssangyong

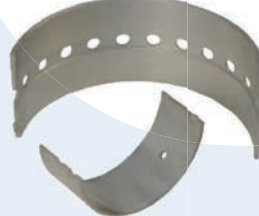
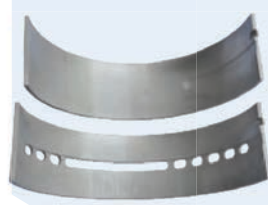
### Others:

#### Gas Engine

- Waukesha
- Jenbacher
- Rolls Royce
- MWM



**OEM Manufactured bearings in standard, oversize and undersize:**



# Goltens Manufactured Products

## GOLTENS FUEL EQUIPMENT

Goltens has been specializing for years and produces top quality fuel equipment for 2-stroke diesel engine such as fuel injector spindle / guide and oversize fuel pump plunger etc. Our facility is equipped with the most modern production means such as CNC machining centers, heat treatment plant and Metallographic lab.



CNC Machining Center



Fuel Equipment

## GOLTENS HIGH PRESSURE PUMP

Goltens G-Pump is designed to meet an ever-increasing demand for an economical, compact and portable source of hydraulic pressure for the operation of jacking equipment. The G-Pump provides tensioning, jacking and bolting during engine overhauls with the power, speed and reliability as required. This high-pressure pump is air driven but it is also equipped with handle for manual operations.



G1700 MP High Pressure Pump

### Technical Information

Weight	: 14 KG
Dimension	: 420 x 280 x 220
Max. Oil Pressure Rating (2 minutes)	: 1700 Bar
Max. Continuous Working (Pressure / Automatic)	: 1050 Bar
Max. Air Drive Pressure	: 8.62 Bar / 125 PSI
Working Ratio Air : Oil	: 1 : 220
Output flow against 0 bar (Kp/cm <sup>2</sup> )	: 0.5 litre/min

## Reconditioned Spare Parts

Goltens provides a comprehensive exchange pool of fully reconditioned 2-stroke piston crown, exhaust valve spindle and valve seat for exchange basis or outright sales. We can also offer secondhand Complete Engines, crankshafts, engine block, bedplate and connecting rods from reliable sources.



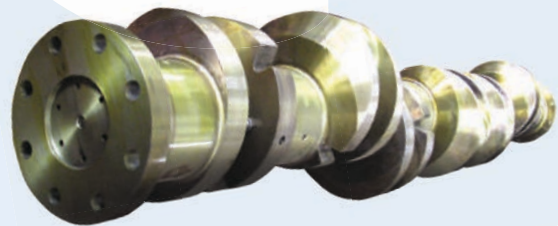
Piston Crown



Cylinder Cover



Piston Skirt



Crankshaft



# Authorized Spare Parts and Service Agent



Imagination at work

## GE Transportation

### GE Transportation Parts, LLC

- Supplying GE Diesel engines spare parts (e.g. V228, V250, L250 Diesel Engines) for the Marine, Power and Industrial markets
- Provide after sales maintenance spare parts and services
- We also keep stocks of spare parts for various GE engine models



GE V228 Turbocharger



GE V228 Cylinder Assembly



### IOP Marine A/S

For 2 & 4-stroke Engine Fuel Injector Test Solutions.



HPU2250-2S

#### Hydraulic Pumps (HPUs):

Models:

- HPU1500 / HPU1500-2
- HPU2250 / HPU2250-2 / HPU2250-2S / HPU2250-2S
- HPU2800-2
- HPU3500 / HPU3500-2



PPMI1000

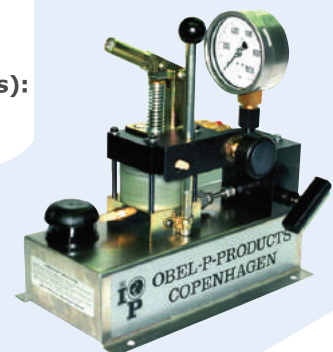


VPUD1100-2

#### Fuel Injector Test Rigs (VPUs):

Models:

- VPU1100.2 MKI / MKII
- VPUD1100.2MKI / MKII
- VPU700-2 / VPU900-2 / VPU1500-2



VPU700-2

( Approved and Recommended by MAN Diesel and Wartsila Switzerland Ltd )



## Authorized Spare Parts and Service Agent



### Delitek

The **Delitek DT-500 & DT-1500** Green Ship® waste compactor models are designed for compaction of mixed consumer waste such as tins, plastic, rags, food-waste etc in compliance with the regulations given in **IMO's MARPOL 73/78** regarding waste handling onboard ships and offshore installations. All products manufactured by Delitek AS are DNV certified and produced in stainless steel to ensure trouble free operation and long lifetime, even if they are placed outside or on open deck. Both models are equipped with a container on wheels and the waste is compacted directly into a special sewn "Big Bag" which made waste handling very flexible and easy.



C-500 waste container



DT-500 Waste Compactor



### De Nora

Goltens is the authorized distributor for De Nora which offer the OMNIPURE Marine Sewage System that provide effective electrolytic treatment of both black and gray water through a patented and certified process. We also supply the related spare parts for the Marine Sewage Treatment system, Ballast Water Treatment System and Reverse Osmosis Water makers.



OMNIPURE™ 8MC



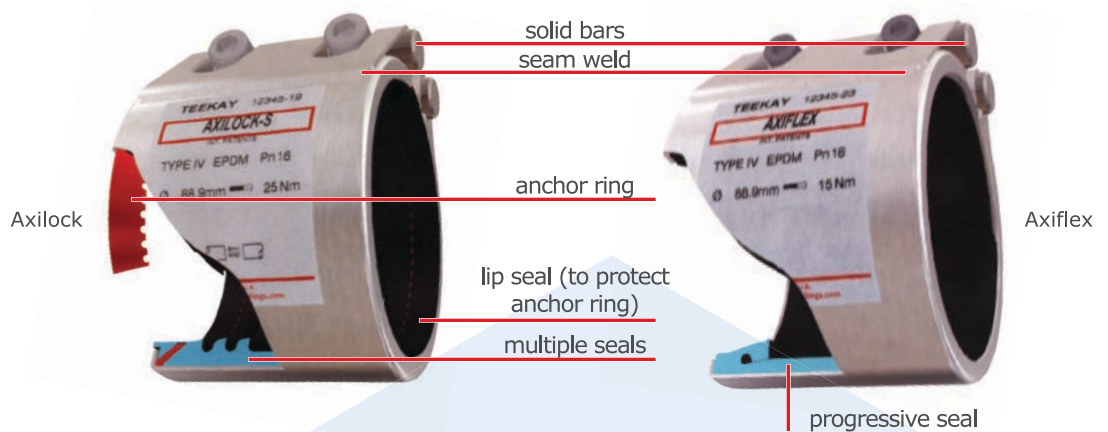
MARINER OMNIPURE® M2512V

# Authorized Spare Parts and Service Agent



## Teekay Coupling

Teekay Pipe Couplings allow pipes of different ODs and different materials to be joined without the need for flanging, grooving, threading or welding. These couplings are available in two configurations; Axilock (axially restrained) and Axiflex (non-axially restrained) and have been sold Worldwide for Civil, Water, Oil & Gas, Marine, Building Service, automotive and Industrial projects for pipes between 21mm & 4200mm in diameter and maximum pressure at 16 bar.



### ***two Pipes... two Screws... two Minutes***

#### Savings & Advantages of Teekay Couplings:

- Savings of 50% reduction of Space, Saving of 94% of Manpower installation and welding time, savings of 78% reduction in weights
- Eliminate the need for LEV, gas free purging and hot work permits
- Increase efficiency of off-site pipe shop prefabrication
- Reduce the flushing and chemical cleaning time of piping systems
- Re-use allows for staged commissioning and hand over of systems
- Reduce down time when connecting to client's existing systems



Axilock-S



Axilock-FP



Repair Couplings



Axiflex

Sizes: 21.3mm to 4200.0mm

Temperature: EPDM -40°C to +100°C, NBR -20°C to +80°C, HNBR -20°C to +150°C, Viton -20°C to +250°C

Pipe Materials: Carbon steel, cast and ductile iron, stainless steel, copper, cunifer, GRP, asbestos cement, HDPE, MDPE, PVC, uPVC, ABS



***"Round the Clock,"***



**Goltens**

**Singapore Pte Ltd**

***around the world"***



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## **Worldwide Network**

