



# Wenzel Marine

For smart solutions

Spare parts of superior quality  
for all 4 stroke engines  
and compressors on board



# From the smallest rubber seal to the biggest propellers

On a ship we count at least 120.000 technical spare parts. If, in addition to that, we also consider the various engine generations, as well as the number of engine builders then it becomes clear how difficult it may occasionally be to identify a specific spare part, to source it and to supply it.

But we are not in the business since yesterday. Thanks to our long-lasting experience, the logistic competence and our technical know-how we are able to offer to our clients spare parts that comply with all the technical requirements and that nonetheless are economically priced.

## About us

Wenzel Marine was founded in Cyprus 1990, moved its headquarters 2002 outside Bremen at the Industrial Park of Stuhr-Brinkum and expanded rapidly. Presently in Germany following our 28 years of existence and with a personnel of 65 persons we operate following facilities:

## Spare Parts

Holding an extended stock of engine parts for 4 stroke engine parts.

Furthermore our Spares Department can source fast and with accuracy a huge variety of spares of German and European Makers, as Genuine, OEM and/or equivalent quality from trusted sources (Marked always clear on our offers).

Our Asian partners Korean and Chinese are chosen carefully and with proven value following years of co-operation.

All spares and other goods are handled according to our Bureau Veritas DIN EN ISO 9001:2008 certified system, for trucking and tracing. Goods and services are subject to our Insurance contract (available on our web-site).



# Shipping is not only supply of spares, but services, response and be there when needed

## Work shop

Repairing and overhauling of Cylinder heads for 4-stroke engines according to specifications of engine manufacturers.

Class approval if required.

We are holding cylinder covers on stock for exchange basis, ready to go.

Exchange Basis – Report within 10 days for the condition of the received cylinder head and cost of overhauling (if possible) – Full report following repair.

## Repair teams/flying squads

- In combination with our Gdansk based Wenzel Marine Poland Sp. Z.o.o. we provide engineers for overhaul on board and/or site for any 4 stroke engine (12 engineers in total, 4 in Germany – 8 in Poland)
- Availability 24/7 around the year
- Spare Parts supplied by Wenzel Marine GmbH & Co. KG – Germany
- For all services provided our technicians are fully covered by our insurance cover



#### INJECTION TECHNOLOGY

### To minimise operation costs

Overall the high quality of Wenzel Marine injection technology aims at minimising the costs related to fuel consumption and relevant spare parts. We supply injection technology from the nozzle element to the fuel pump on exchange basis. In this area we also cooperate with OEM suppliers.



#### VALVES

### The »heart« valves of the engine

Due to the ever-decreasing quality of the fuel, valve spindles are submitted to a particular load. Therefore we rely exclusively on products of highest quality made by renowned manufacturers. Any one who trusts unknown sources risks, in the worst case, a total loss.



## BEARINGS

### Tuned perfectly to suit your engine

The alloy makes the difference. Only when the alloy of the bearing shells matches perfectly the engine type, the engine will run smoothly. In particular in case of medium speed 4 stroke engines with a cylinder power of above 900 kW the crankshaft bearings are submitted to a specific high static load. For this reason we rely exclusively on products of highest OEM quality from the best manufacturers.



## GASKETS

### Exact fit, pressure resistant, reliable and at the right price

No better way to describe our offer in the area of sealing technology. We constantly have over 20000 different seal rings in various cross sections, diameters and materials on stock.



#### COMPRESSOR

### Compressor technology – a matter of pressure

So that your starting air valve compressor never runs out of air we hold a number of spare parts and service kits from all standard models in our stock. Here too, quality is the one priority.



#### TURBOCHARGER

### To improve engine performance and power

In order to increase the lifetime of the expensive turbocharger we keep on stock spares and maintenance parts for any item from the nozzle ring up to the lube oil pump. Speak to us when the efficient running of the turbocharger is concerned.

Good to know: Wenzel Marine Cyprus is KBB distributor.





#### PISTON RINGS

### There are only a few suppliers for piston rings

At Wenzel Marine we rely for over 15 years on products of renowned manufacturers. We keep a large stock of piston rings for bores of 100 to 580mm.

Besides large stock capacities you will find at Wenzel Marine a top of the art, computerised stock management system.



#### CYLINDER LINERS MADE IN GERMANY

### Manufacturing cylinder liners to a high standard of quality

In interaction with piston and piston rings they ensure that the engine reaches its nominal power and runs economically on lube oil. Here it is of utmost importance not only to compare the prices but also the imperative level of quality. Wenzel Marine combines highest demands with fair prices.

# Made in Germany, please ask us

## Genuine Spare Parts for:

KBB Turbochargers (Kompressorenbau Bannewitz GmbH)

## Non Genuine/Alternative spare parts for:

MaK (Maschinenbau Kiel GmbH) – MaK Caterpillar Design

J. P. Sauer & Sohn – Piston and Screw Compressors (Alup)

Engines: MAN B&W, Wartsila, Daihatsu, Yanmar, Deutz/MWM, Scania

## Genuine/OEM/Non-Genuine spares (according to request)

### Quality will always be mentioned on our offers:

<b>Accoustics Systems</b>	Kockum Sonic
<b>Automation</b>	Autronica, Consilium/Salwico, Deckma, Kidde Gravinier, Safetec, Schaller, Tyco
<b>Blower Parts</b>	PICO, Rietschle, Becker, Gardner Denver, Elektror
<b>Boilers/Burners</b>	Weishaupt, Oilon, Saacke, Suntec
<b>Communication Systems</b>	IMCOS Telephones, Gitiessse



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<b>Compressor</b>	Bitzer, Bock, Danfoss, Hamworthy, Hatlapa, NK (Neuenhauser Kompressoren TDI), Sabroe, Sperre, Tanabe
<b>Electrical Equipment</b>	Sensors, Gauges, Manometers, Contactors and Switches, Controllers, Fire Detectors, Indicators, Level/LimitSwitches, Timers, Transmitters, Thermometers, Circuit Breakers, Sockets, Cables & Wires
<b>Electrical Motors</b>	German Makers Replacement or Identical, Leroy Somer
<b>Filters</b>	Filters (MANN Filters, Fleetguard, Donaldson), Candle Filters, Elements, Replacement Filters, Air & Water Filtration (Boll & Kirch, Moatti)
<b>Galley Equipment</b>	Wesco Navy (Genuine) and Laundry Equipment (Genuine/OEM)
<b>Hydraulic &amp; pneumatic Parts</b>	Bosch Rexroth (Aventics)
<b>Plate Heat Exchangers</b>	Alfa Laval, APV, Gea Ecoflex, Sondex, Swept
<b>Pumps</b>	Allweiler, Bornemann, Desmi, Dickow, Grundfos (Genuine), IMO, Kracht, Kral, Leistritz, Netzsch Pumps (Mono Pumps), Seepex
<b>Purifiers</b>	Alfa Laval, DVZ, RWO, Westfalia
<b>Valves</b>	Storm, Globe, Butterfly, Angle, Check, Gate Valves (Replacement/alternative or Genuine according to request)
<b>Water treatment Plant</b>	Nirex / Alfa Laval, DVZ, Evac, Jowa, Serck Como, Sondex, Ueberall, Wedeco, (UV-Lamps Alternative/Genuine – on request)



# Wenzel Marine

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