

Adriadiesel d.d., Mala Švarča 155,
47 000 Karlovac, Croatia

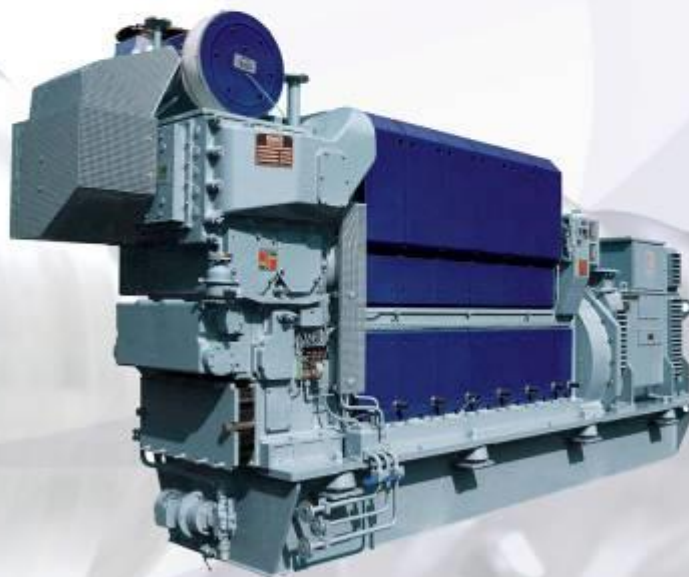


Adriadiesel d.d.

Karlovac, Croatia

Diesel motori • Rezervni dijelovi
Servisi i remontirani

Diesel Engines • Spare Parts
Services and overhauls



www.adriadiesel.hr
adriadiesel@adriadiesel.hr



HRVATSKA - CROATIA

Republika Hrvatska je mlada demokratska zemlja, kulturno i povijesno europski određena.

U zemljopisnom smislu, Hrvatska je uvijek imala veliko strateško značenje. Smještena na raskrižju putova između Alpa na zapadu i Balkanskog poluotoka na istoku, Panonske ravnice na sjeveru i Jadranskog mora na jugu.

Pokriva 56.961 kvadratni kilometar kopna, i još 31.067 kvadratnih kilometara teritorijalnih voda. Njena se obala proteže 51.835 kilometara u dužinu, a krasi je 1.185 otoka, otočića i grebena.

Populacija Hrvatske iznosi 4.400.000 stanovnika, od čega oko 1.000.000 živi u širem području Zagreba. S obzirom da je glavni grad Hrvatske, Zagreb je također i administrativno, kulturno, akademsko i prometno središte zemlje.

Iako Hrvatska koristi svoja prirodna bogatstva u svrhu turizma, ipak je ona prvenstveno industrijski orijentirana zemlja.

Pored turizma i proizvodnje ekološki čiste hrane, brodogradnja je jedna od državnih strateških odrednica.

The Republic of Croatia is a young democratic European state of European refinement and history.

Geographically, Croatia always had a very important strategic definition for its location on the crossroads between the Alps in the west and the Balkan Peninsula in the east, the Pannonian Plain in the north and the Adriatic Sea in the south.

It stretches over 56.691 square kilometres of land, with another 31.067 square kilometres of territorial waters. The coast stretches over 51.835 kilometres and is embellished with 1.185 islands, islets and reefs.

Croatian population is 4.400.000, of which more than a million are inhabitants of Zagreb region. Being the capital of Croatia, Zagreb is also the administrative, cultural, academic and transport centre of the country.

Although Croatia is using its natural resources for tourism, it is primarily industrial country.

Besides tourism and organically grown food, shipbuilding industry belongs to one of Croatia's main strategic definitions.

KARLOVAC

Grad na obalama četiri prekrasne rijeke osnovan je 1579. godine, a zamišljen je kao idealni renesansni grad-utvrda u obliku šesterokutne zvijezde.

Tokom 16. i 17. stoljeća, grad je bio pod izravnom upravom vojnih vlasti. No, kada je u 18. stoljeću sama utvrda počela gubiti svoju prvobitnu namjenu, grad se počeo širiti prema perifernim dijelovima utvrđenja.

Karlovac se smjestio 50-ak kilometara južno od Zagreba, na raskrižju važnih prometnica: na glavnom smjeru od unutrašnjosti zemlje prema Jadranskom moru i na najkraćoj vezi između Slovenije na zapadu i Bosne i Hercegovine na istoku.

Od nekadašnje vojne utvrde, Karlovac se razvio kao prometni grad, grad obrtništva i visokih kulturnih i edukacijskih standarda, ali iznad svega u industrijski grad poznat po svojoj metaloprerađivačkoj industriji, pivovari, i prehrambenoj industriji.

Town on the banks of four beautiful rivers was founded in 1579 and it was constructed as an ideal Renaissance six-pointed star fort-town.

During the 16th and 17th century the town was ruled by military authorities. As the original purpose of the fort itself begun to fade away during the 18th century, the town started spreading into the suburban parts of the fort.

Karlovac is situated about 50 kilometres south of Zagreb at the crossroads of main roads en-route from midlands to the Adriatic Sea, and on the shortest route between Slovenia in the west and Bosnia and Herzegovina in the east.

From the former military fort-centre, Karlovac has evolved into a town of transport and trade, with high cultural and educational standards. But above all, Karlovac remains mainly industrial town famous for its metal industry, brewery, dairy plant and food industry.



ADRIADIESEL d.d.

Godine 1949. je u sklopu velikog industrijskog kompleksa JUGOTURBINE nastala Tvornica Diesel Motora koja od 1991. godine posluje pod imenom ADRIADIESEL d.d..

In 1949 Diesel Engine Factory was established as a part of the major industrial JUGOTURBINA complex, and since 1991 it exists under the name of ADRIADIESEL d.d.

Godine 1955. započela je proizvodnja četverotaktnih diesel motora po licenciji švicarskog SULZER-a, kasnije Wärtsilä NSD.

In 1955 started the production of four-stroke diesel engines licensed by Swiss SULZER, later Wärtsilä NSD.

Godine 1997. prekinut je licenčni ugovor sa Wärtsilom, a već u siječnju 1998. godine potpisan je novi licenčni ugovor sa tvrtkom MAN Diesel & Turbo SE, Augsburg, Njemačka.

Licence Agreement with Wärtsilä NSD was terminated in 1997, and in January 1998 Adriadiesel d.d. signed the new Licence Agreement with German company MAN Diesel & Turbo SE, Augsburg.

Godine 2001. tvrtka je certificirana po normi ISO 9002;1994 od strane certifikacijske kuće Det Norske Veritasa.

In 2001 Adriadiesel d.d. was certified according to ISO 9002;1994 norm by Det Norske Veritats Classification Society.

Godine 2003. tvrtka je od strane iste certifikacijske kuće recertificirana po normi ISO 9001:2000

In 2003 Adriadiesel was re-certified according to norm ISO 9001:2000

Od 2010. ponovno proizvodi četverotaktne motore za stacionarna postrojenja, sada pod vlastitim brandom - ADRIA 40.

Since 2010, restarted the production of four-stroke diesel engines for stationary applications, now under own brand - ADRIA 40.

Danas Adriadiesel d.d. proizvodi diesel motore i drugu energetsku opremu, kao i rezervne dijelove za SULZER i MAN Diesel & Turbo SE četverotaktne motore. Također održava, popravlja i servisira diesel motore te pruža usluge strojne i toplinske obrade.

Adriadiesel d.d. presently produces diesel engines and other power plant equipment, as well as spare parts for SULZER and MAN Diesel & Turbo SE four-stroke diesel engines. We can also offer a wide range of services such as retrofits and maintenance of engines and services in machining and heat treatment.

VIZIJA I MISIJA – VISION AND MISSION

VIZIJA

Vodeći davatelj usluga u proizvodnji i održavanju četverotaktnih diesel motora na području jugoistoka Europe



VISION

Becoming the leading service provider in production and maintenance of four-stroke Diesel engines in south-eastern Europe.



MISIJA

- Partnerski odnosi
- Zadovoljstvo klijenta
- Pomak ka usluzi
- Kvaliteta zaposlenih
- Neprestana poboljšanja

MISSION

- *Partnership relations*
- *Customer satisfaction*
- *Step towards service*
- *Quality of employees*
- *Constant improvements*



KVALITETA - QUALITY

Kvaliteta, rok i cijena osnovne su odrednice održanjem kojih se tvrtke međusobno razlikuju. O cijeni i roku može se pregovarati, ali o kvaliteti - NE!

Zaštitni znak ADRIADIESEL je kvaliteta. Sve naše namjere, djelovanja i proizvodi teže stalnom poboljšanju kvalitete. Naše najvažnije mjerilo kvalitete je zadovoljstvo naših kupaca; mi stremimo ka održavanju povjerenja u ADRIADIESEL kao njihovog isporučitelja. Zahtjevima i uvjetima kupca mora se udovoljiti preuzimanjem obveza i isporukom proizvoda koji udovoljavaju traženim uvjetima. Svaka isporuka treba predstavljati preporuku za budući posao.

ADRIADIESEL se zalaže da svojim aktivnostima potiče zadovoljstvo zaposlenika te doprinosi razvoju društva u cjelini. Takve aktivnosti u prvom redu obuhvaćaju uređenje i zaštitu radne sredine i okoliša

Quality, delivery terms and prices are main features that distinguish one firm from another. Price and delivery terms are negotiable, but quality is NOT.

Quality is ADRIADIESEL's trademark. All our intentions and efforts are directed towards constant improvement of quality of our work and products. The most important standard of our quality is the satisfaction of our customers. Our aim is to keep their confidence in ADRIADIESEL as their supplier. Customer's demands and conditions must be fulfilled by making firm commitments and delivering products which fulfill customer's demands. Each delivery must be a solid recommendation for future business.

ADRIADIESEL is making efforts to stimulate our employees, and thus contribute to the development of the company itself. Those efforts are mainly concerned with improvements of working environment and its safety.



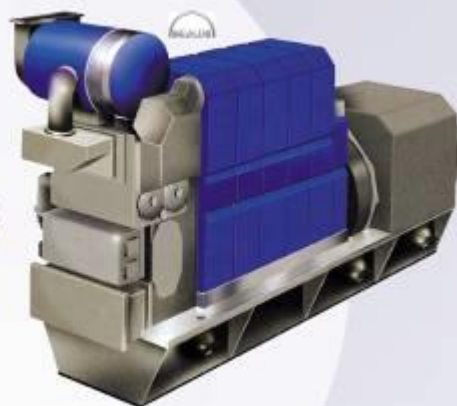
**Adriadiesel d.d., Mala Švarča 155,
47 000 Karlovac, Croatia**



L 16 / 24
L 21 / 31
L 23 / 30 H
L 27 / 38
L 28 / 32 H

Diesel motori *Diesel Engines*

MAN Diesel & Turbo SE



www.adriadiesel.hr
sales-engines@adriadiesel.hr



ČETVERO TAKTNI DIESEL MOTORI FOUR-STROKE DIESEL ENGINES

- Licence by MAN Diesel & Turbo SE -

Četverotaktni, srednjehodni diesel motori

Four-Stroke, Medium Speed Diesel Engines

Turbonabijeni sa konstantnim tlakom i hlađenjem zraka za nabijanje

Constant Pressure Turbocharged and Charge Air Cooled

Diesel motori / Diesel engines MAN Diesel & Turbo SE



L 16 / 24



L 21 / 31



L 23 / 30 H



L 27 / 38



L 28 / 32 H

Pristupačnost, pouzdanost, trajnost

High Availability, Reliability, Durability

Niski troškovi eksploatacije

Low Operation Costs

Mali zahtjevi za održavanje

Low Maintenance Demand

Jednostavni za rukovanje i održavanje

Easy Operation and Maintenance

Mala potrošnja goriva i ulja za podmazivanje

Low Fuel and Lub. Oil Consumption

Dugi period između remonata

Long Intervals between Overhauls

Dugi vijek trajanja komponenti

Long Lifetime of Components

Rad s najjeftinijim gorivom (teško gorivo)

Operation on Cheapest Fuel (HFO)

16.000-20.000 sati između general. remonata

16.000-20.000 Hrs Between Major Overhauls

Najkraće svakodnevno održavanje

Shortest Daily Routine Maintenance

Pouzdan izvor energije, ekonomičan čak i u ekstremnim uvjetima

Reliable Power Supply and Economical Operation Even in Extreme Conditions

U skladu sa ekološkim zahtjevima

Conformity with Environmental Requirements

TIPOVI MOTORA I RASPON SNAGA / ENGINE TYPES AND POWER RANGE

Tip motora <i>Engine Type</i>	Raspon snage <i>Power Range [kW]</i>	Broj cilindara <i>No. of cylinders</i>
L 16 / 24	450 - 990	5 - 6 - 7 - 8 - 9
L 21 / 31	950 - 1.980	5 - 6 - 7 - 8 - 9
L 23 / 30 H	650 - 1.280	5 - 6 - 7 - 8
L 27 / 38	1.500 - 2.970	5 - 6 - 7 - 8 - 9
L 28 / 32 H	1.050 - 1.980	5 - 6 - 7 - 8 - 9

NAMJENA DIESEL MOTORA / DIESEL ENGINE ASSIGNMENT

BRODSKI PROGRAM

MARINE BUSINESS APPLICATION

Pomoćni motori

Auxiliary Engines

STACIONARNA POSTROJENJA

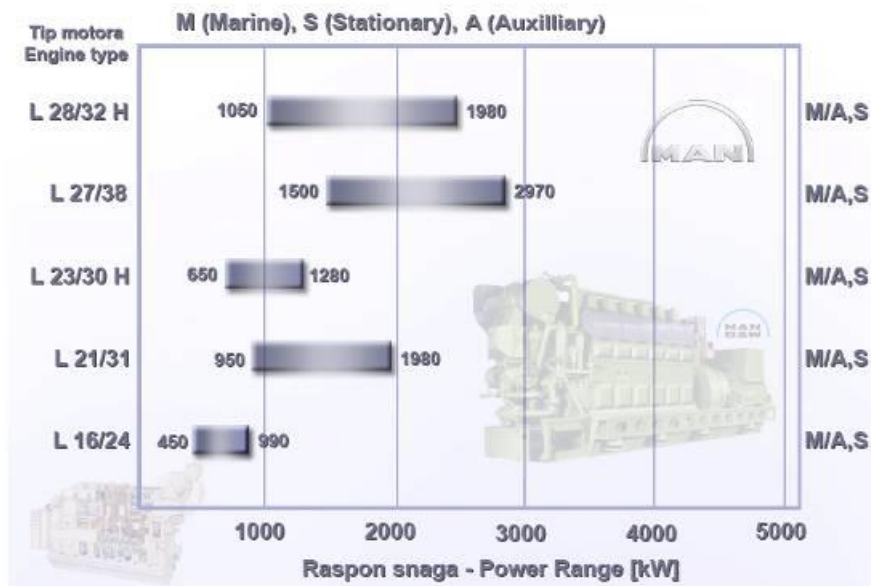
STATIONARY PLANTS

Diesel energane



Diesel Power Plants

Havarijska postrojenja

Emergency Gen-Sets



Karakteristike diesel motora / Diesel Engines Properties

	<p>L 16 / 24</p> <p>Provt / Bore 160 mm</p> <p>Hod / Stroke 240 mm</p> <p>Brzina / Speed 1.000/1.200 rpm</p> <p>Frekvencija / Frequency 50 / 60 Hz</p> <p>Glavni pritisak / Mean eff. pressure 22.4 / 22.8 bar</p>		<p>L 21 / 31</p> <p>Provt / Bore 210 mm</p> <p>Hod / Stroke 310 mm</p> <p>Brzina / Speed 900 / 1.000 rpm</p> <p>Frekvencija / Frequency 50 / 60 Hz</p> <p>Glavni pritisak / Mean eff. pressure 27,3 / 24,6 bar</p>
---	---	--	---

	<p>L 23 / 30 H</p> <p>Provt / Bore 225 mm</p> <p>Hod / Stroke 300 mm</p> <p>Brzina / Speed 900/750/720 rpm</p> <p>Frekvencija / Frequency 50 / 60 Hz</p> <p>Glavni pritisak / Mean eff. pressure 17.9 / 18.1 / 18.2 bar</p>		<p>L 27 / 38</p> <p>Provt / Bore 270 mm</p> <p>Hod / Stroke 380 mm</p> <p>Brzina / Speed 720 / 750 rpm</p> <p>Frekvencija / Frequency 50 / 60 Hz</p> <p>Glavni pritisak / Mean eff. pressure 25,3 / 24,3 bar</p>
--	--	---	---

	<p>L 28 / 32 H</p> <p>Provt / Bore 280 mm</p> <p>Hod / Stroke 320 mm</p> <p>Brzina / Speed 720 / 750 rpm</p> <p>Frekvencija / Frequency 50 / 60 Hz</p> <p>Glavni pritisak / Mean eff. pressure 17.8 / 17.9 bar</p>
---	---



**Licence by
MAN Diesel & Turbo SE**

Kupci - brodovlasnici / Customer - Shipowners

Cipar / Cyprus - Iceport Shipping Company Ltd.

Danska / Denmark - MAN Diesel & Turbo SE

Francuska / France - Brostrom, Van Ommeren Tankers S.A.

Grčka / Grece - European Product;

Italija / Italy - Grimaldi, Calisa;

Izrael / Israel - Ray Shipping;

Latvija / Latvia - Latvian Shipping Comp;

Liberija / Liberia - Splendour I Corp. Rhonda Enterprises S.A.;

Malta - Voyager Lim. , Lancaster Shipping Lim.

Maršalovi Otoci / Marshall Islands - Blystad Tankers;

Norveška / Norway - J.E.Dyvi, P.D.Gram;

Njemačka / Germany - C. Buttner, Krupp;

SAD / USA - Pasha Hawai Transport Lines;

Španjolska / Spain - Marflet;

Švedska / Sweden - Laurin;

Švicarska / Switzerland - Sussex



ULJANIK,
Brod za prijevoz stoke
Live stock carrier
"Becrux", 2x8+2x7+1x6L23/30H



ULJANIK
Brod za prijevoz vozila
Car truck carrier
"Grande Italia" 3x6L 23/30H



3.MAJ
Tanker za ulje i kemikalije
Tanker for oil and chemicals
"Bro Ellen" 2x6+1x8L23/30H



3.MAJ
Tanker za ulje i kemikalije
Tanker for oil and chemicals
"Iblea" 3x8L23/30H



ULJANIK
Tanker za ulje i kemikalije
Tanker for oil and chemicals
"Hispanica" 2x8L23/30H +
1x6L23/30H



ULJANIK

Tanker za ulje i kemikalije
Tanker for oil and chemicals
"Italica" 2x8L23/30H + 1x6L23/30H



ULJANIK

Brod za prijevoz kamiona
Truck carrier
"Grand Benelux" 3x6L23/30H



ULJANIK

Tanker za ulje i kemikalije
Oil and chemical tanker
"Mattheos" 4x6L23/30H



HB TROGIR,

Tanker za ulje i kemikalije
Tanker for oil and
chemicals
"Tarantella" 2x5L 23/30H

Tel. +385 (0)47 843 333, +385 (0)47 843 321
adriadiesel@adriadiesel.hr

Tel. +385 (0)47 843 380, +385 (0)47 636 639
services@adriadiesel.hr

Adriadiesel d.d., Mala Švarča 155,
47 000 Karlovac, Croatia

Diesel motor *Diesel Engine*

ADRIA 40



www.adriadiesel.hr
services@adriadiesel.hr



Tel. +385 (0)47 843 333, +385 (0)47 843 321
adriadiesel@adriadiesel.hr

Tel. +385 (0)47 843 380, +385 (0)47 636 639
services@adriadiesel.hr

ADRIA 40

ČETVEROTAKTNI DIESEL MOTORI FOUR-STROKE DIESEL ENGINES

Četverotaktni diesel motor

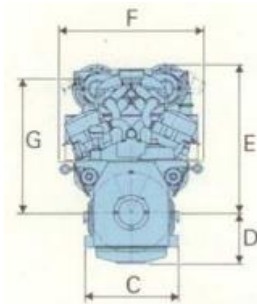
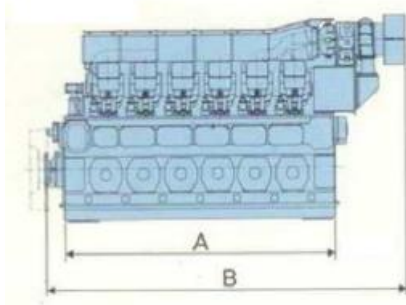
Four-Stroke Diesel Engine



Opći podaci ADRIA 40	<i>General data of ADRIA 40</i>
Izlazna snaga: 6600 kW (600 rpm)	<i>Output: 6600 kW (600 rpm)</i>
Provrta: 400 mm	<i>Bore: 400 mm</i>
Hod: 480 mm	<i>Stroke: 480 mm</i>
Srednjehodni diesel motor sa:	<i>The medium-speed diesel engine with:</i>
<ul style="list-style-type: none"> okretni klip 	<ul style="list-style-type: none"> <i>rotating pistons</i>
<ul style="list-style-type: none"> cilindarska košuljica s rashladnim provrtima 	<ul style="list-style-type: none"> <i>bore-cooled cylinder liner</i>
<ul style="list-style-type: none"> poklopac cilindra s dvostrukim dnom (stijenkom) 	<ul style="list-style-type: none"> <i>double-bottom cylinder head</i>
<ul style="list-style-type: none"> poseban (odvojen) sustav podmazivanja cilindra 	<ul style="list-style-type: none"> <i>separate cylinder lubrication system</i>

Tel. +385 (0)47 843 333, +385 (0)47 843 321
adriadiesel@adriadiesel.hr

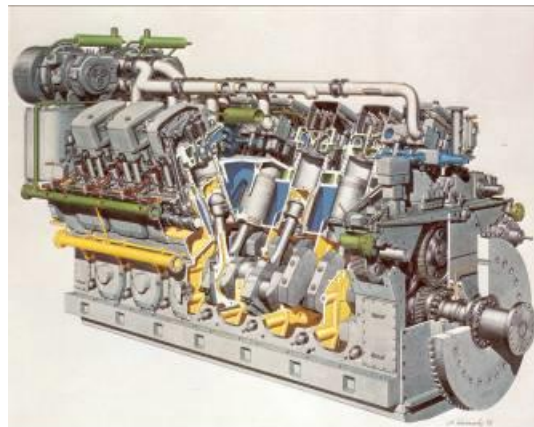
Tel. +385 (0)47 843 380, +385 (0)47 636 639
services@adriadiesel.hr



Stationary Applications					Number of cylinders
	Speed rev/min	mep bar	Cm m/s	Power units	12 V
MCR*	600	18,24	9,6	kW kWe*	6600 6360

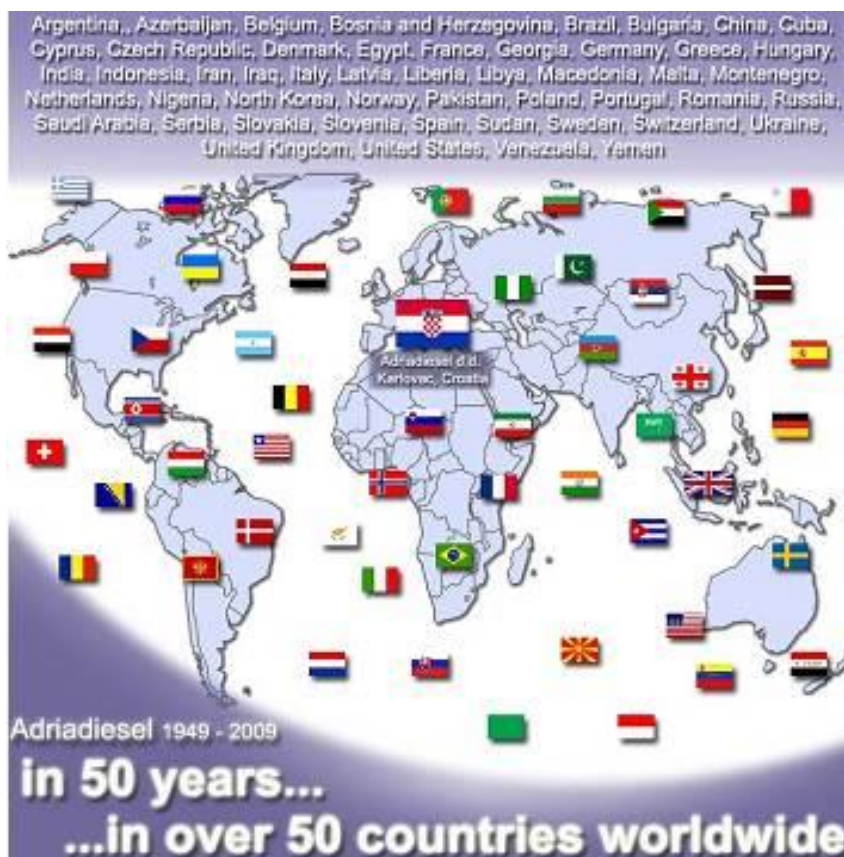
*MCR-Maximum continuous Rating, kWe-Approximate electrical power at generator terminals

Stationary			Number of Cylinders					
Stroke 480mm Bore 400mm	Distance	6L	8L	10V	12V	14V	16V	18V
Dimensions	A		6110	4860	5640	6420	7200	7980
	B		7930	6630	7563	8343	9123	9815
	C	5010 6570	1540	2000	2000	2000	2000	2000
	D	1540 820	820	1105	1105	1105	1105	1105
	E	2910 2015	2910	3605	3197	3197	3197	3590
	F	3200	2070	3170	3170	3170	3170	3170
	G		3200	3000	3000	3000	3000	3000
Approximate weight	tonnes	50	65	73	81	93	104	119



Tel. +385 (0)47 843 333, +385 (0)47 843 321
 adriadiesel@adriadiesel.hr

Tel. +385 (0)47 843 380, +385 (0)47 636 639
 services@adriadiesel.hr



Adriadiesel d.d. 1949-2010. u 50 godina...u preko 50 zemalja širom svijeta

SULZER



Ukupno motora / *Engines in total* - 1.568
 Ukupna snaga / *Total nominal MCR [kW]* - 1.752.441

Isporučeno u preko 50 zemalja / *Delivered in over 50 countries*

PIELSTICK



Ukupno motora / *Engines in total* - 4
 Ukupna snaga / *Total nominal MCR [kW]* - 5.800

MAN Diesel & Turbo SE



Ukupno motora / *Engines in total* - 272
 Ukupna snaga / *Total nominal MCR [kW]* - 300.820

MAN DIESEL SE

Tel. +385 (0)47 843 311, +385 (0)47 843 313
spare_parts@adriadiesel.hr

SULZER Diesel

Tel. +385 (0)47 843 321, +385 (0)47 843 323
spare_parts@adriadiesel.hr

Adriadiesel d.d., Mala Švarča 155,
47 000 Karlovac, Croatia

ZL / ZV 40/48
ZAL / ZAV 40/48 S



TD / TAD / TW / TAW 24
TD / TAD / TG / TAG / TF / TAF 36
TAD / TG / TAG / TF / TAF 48



Rezervni dijelovi Spare Parts

L 23 / 30 H

MAN Diesel & Turbo SE / SULZER



S 20
S 20 U

AL 20 / 24
AH / AF / AR / AL 25 / 30
ASL / ASV 25 / 30

www.adriadiesel.hr

MAN Diesel SE - sales-engines@adriadiesel.hr

SULZER Diesel - spare-parts@adriadiesel.hr



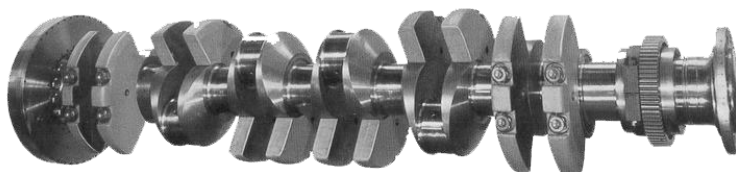
MAN DIESEL SETel. +385 (0)47 843 311, +385 (0)47 843 313
spare_parts@adriadiesel.hr**SULZER Diesel**Tel. +385 (0)47 843 321, +385 (0)47 843 323
spare_parts@adriadiesel.hr

REZERVNI DIJELOVI, REMONTI I SERVISI

SPARE PARTS, MAINTENANCE & REPAIR

- MAN Diesel & Turbo SE & SULZER Diesel Engines -

MAN Diesel & Turbo SE	Adriadiesel d.d. proizvodi rezervne dijelove za tipove diesel motora koje ima u proizvodnom programu po licenciji MAN Diesel & Turbo SE	<i>Adriadiesel d.d. produces spare parts for diesel engines in our production line by MAN Diesel & Turbo SE licence</i>
SULZER Diesel	Adriadiesel d.d. proizvodi rezervne i zamjenske dijelove za motore proizvedene po licenciji Sulzera od 1955. godine	<i>Adriadiesel d.d. produces spare and substitute parts for engines produced by SULZER licence since 1955</i>



Koljenasta osovina / Crankshaft

Adriadiesel d.d., kao sljednik bivše Tvornice diesel motora Jugoturbina, nastavlja tradiciju proizvodnje diesel motora, rezervnih dijelova i ostale energetske opreme na temelju suradnje s vodećim svjetskim proizvođačima.

Adriadiesel d.d. is the successor of former Jugoturbina Diesel Engine Factory and it continues with the tradition of manufacturing diesel engines, spare parts and other power equipment by associating with the leading manufacturers world-wide.

Od osnutka 1949. godine do danas, dakle u više od 50 godina postojanja, ukupno je proizvedeno 1581 četverotaktnih diesel motora sa više od 2.000.000 KS pod licencom SULZER (kasnije NEW SULZER DIESEL).

Ever since it was established in 1949, in over 50 years, we have produced total of 1581 four-stroke diesel engines with over 2,000,000 HP licenced by SULZER (later NEW SULZER DIESEL).

MAN DIESEL SETel. +385 (0)47 843 311, +385 (0)47 843 313
spare_parts@adriadiesel.hr**SULZER Diesel**Tel. +385 (0)47 843 321, +385 (0)47 843 323
spare_parts@adriadiesel.hr**MAN / SULZER tipovi motora / MAN / SULZER Engine Types**

MAN Diesel & Turbo SE	L 23 / 30 H
Z motori / Engines	ZL / ZV 40/48 ZAL / ZAV 40/48 S
A motori / Engines	AL 20 / 24 AH / AF / AR / AL 25 / 30 ASL / ASV 25 / 30
S motori / Engines	S 20 S 20 U
T motori / Engines	TD / TAD / TW / TAW 24 TD / TAD / TG / TAG / TF / TAF 36 TAD / TG / TAG / TF / TAF 48

Motori su isporučeni u preko 50 zemalja širom svijeta.

The engines were delivered in over 50 countries world-wide.

Od 1998. ne rade se novogradnje po licenci Sulzer, ali se nastavlja s proizvodnjom rezervnih dijelova za sve navedene tipove diesel motora, kao i s remontima i servisima.

Since 1998 Sulzer licensed engines are no longer in Adriadiesel's production line, we do not produce engines licensed by Sulzer but the production of spare parts continues for all the mentioned engine types, including overhauls and servicing.

Svi dijelovi naručuju se po Code knjizi prema Code broju kojim su svi dijelovi označeni. Za sve isporučene rezervne dijelove dajemo atest proizvođača, a za pojedine dijelove i atest od kupca traženog klasifikacionog društva (Lloyd Register, Bureau Veritas, Germanisher Lloyd, RINA, Det Norske Veritas, itd.)

Ordering of parts is done by a Code Book according to Code Number, with which all parts are marked. For all delivered parts we issue makers attest, and for certain parts we can also issue an attest by the classification society required by customer (Lloyd Register, Bureau Veritas, Germanisher Lloyd, RINA, Det Norske Veritas, etc.)

Kvalitetu isporučenih rezervnih dijelova i remontnih radova jamči certifikat ISO 9001:2000 koji je tvrtka dobila 2003. godine.

Quality of delivered parts and repair works is guaranteed by ISO 9001:2000 Certificate, which Adriadiesel d.d. obtained in 2003.



MAN DIESEL SE

Tel. +385 (0)47 843 311, +385 (0)47 843 313
spare_parts@adriadiesel.hr

SULZER Diesel

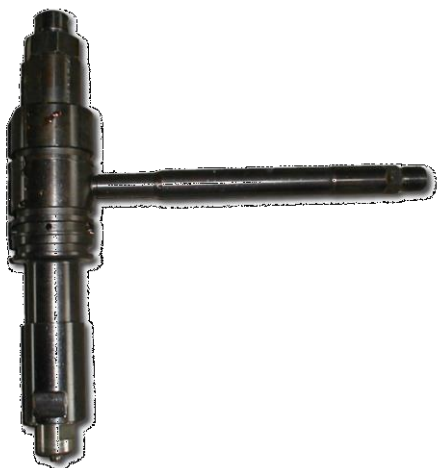
Tel. +385 (0)47 843 321, +385 (0)47 843 323
spare_parts@adriadiesel.hr



Ojnica / Marine Type Con. Rod



Poklopac cilindra / Cylinder Cover



Ventil goriva / Fuel Injection Valve



Ojnica / Connecting Rod



**Adriadiesel d.d., Mala Švarča 155,
47 000 Karlovac, Croatia**

*Strojna obrada
Machining*



*Toplinska obrada
Heat Treatment*



Usluge i remonti Services and overhauls



*Monterski radovi
Assembly*



*Bravarsko-cjevarsko-zavarivački radovi
Locksmithing - Piping - Welding*

www.adriadiesel.hr
services@adriadiesel.hr



SERVISI I REMONTI OVERHAULS AND REPAIRS

Adriadiesel d.d. ima kvalitetan i stručno osposobljeni kadar za obavljanje poslova remonata i servisa ne samo na motorima proizvedenim po licenci firme MAN Diesel SE i SULZER, već i motorima ostalih proizvođača.

Adriadiesel d.d. has expert personnel trained for efficient overhauls and repairs, not only for engines produced by MAN Diesel SE and SULZER licence but also for engines produced by other manufacturers.

Za obavljanje poslova remonata i servisa na brodovima naše morske i riječne flote i na stacionarnim postrojenjima, u zemlji i inozemstvu, postoje mobilne ekipe, kao i ekipe za obavljanje istih poslova u tvornici.

Our mobile units are available for overhauls and repairs aboard ships in our marine and fluvial fleet, as well as stationary plants world-wide. There are also teams ready to provide services in our premises.

Sa zadovoljstvom možemo napomenuti da je niz poslova uspješno obavljeno u Hrvatskoj, ali i veliki broj poslova van zemlje kao u Irskoj, Indiji, Španjolskoj, Češkoj, Japanu, Grčkoj, Sloveniji, Srbiji, Makedoniji, Bosni i Hercegovini, Italiji, Mađarskoj i drugdje.

It is important to point out that we have performed many well accomplished jobs in Croatia, as well as abroad - namely in Ireland, India, Spain, Czech Republic, Japan, Greece, Slovenia, Serbia, Macedonia, Bosnia and Herzegovina, Italy, Hungary etc.

RASPOLOŽIVI KAPACITETI PRODUCTION CAPACITIES

Strojna obrada		Machining	
Srednja i teška strojna obrada	60.000 sati	Medium and Heavy Machining	60.000 hrs
Laka strojna obrada	20.000 sati	Light Machining	20.000 hrs
Ukupno sati:	80.000 sati	Total	80.000 hrs
Toplinska obrada		Heat Treatment	
	5.000 sati		5.000 hrs
Bravarsko-cjevarsko-zavarivački radovi		Locksmith - Piping - Welding	
	40.000 sati		40.000 hrs
Monterški radovi		Assembly	
	40.000 sati		40.000 hrs



Remont / Overhaul - SULZER 12 ZV40/48



Strojna obrada
Machining:

- obrada rotirajućih i stacionarnih dijelova diesel motora, te općenito dijelova iz strojarske industrije od legiranih i čeličnih materijala
- obrada odljevaka i zavarenih konstrukcija do 30.000 kg
- specijalna brušenja krivulja, brušenja u puno, te vanjsko okruglo brušenje dijelova dužine do 6.000 mm
- izrada navoja postupkom valjanja
- posebne obrade honovanjem i lepovanjem
- *machining of rotating diesel engine and stationary parts, and parts for mechanical industry, both alloy and steel materials*
- *machining of casting and welded constructions up to 30.000 kg*
- *special grinding of curves, solid grinding, as well as external round grinding of the parts up to max L=6.000 mm*
- *thread cutting by rolling procedure, as well as special treatment (superfinish)*

Topl. obrada:
Heat treatment:

- Poboljšanje
- Kaljenje - obično i u zaštiti (dušika ili solne kupke)
- Cementiranje - pougličenje u granulatu za dubine < 1 mm + kaljenje
- Nitiranje - u amonijaku (razne dubine), NITROC
- Popuštanje (obično , u zaštiti)
- Žarenje (visoko temperaturno, specijalno)

Improvement

- *Carburising - granulating by charcoal, charcoal depth < 1 mm + hardening*
- *Nitro hardening - in amonia*
- *Nitro hardening "NITROC"*
- *Hardening*
- *Yielding*
- *Annealing*

Zavarivanje:
Welding:

- *REL*
- *TIG*
- *MIG*
- *MAG*

Oštrenje alata:
Tool Sharpening:

- Svrkla / *Drills*
- Ureznici / *Tap drills*
- Predrazvrtači
- Razvrtači / *Reamers*
- Glodala / *Milling cutters*
- Upuštači / *Shell drills*







General Manager	+385 (0) 47 843 333	adriadiesel@adriadiesel.hr
Production Manager	+385 (0) 47 843 333	adriadiesel@adriadiesel.hr
SALES		
MAN Diesel SE Engines and Spare Parts	+385 (0) 47 843 311	sales-engines@adriadiesel.hr
SERVICES		
Overhauls and SULZER Spare Parts Machining	+385 (0) 47 843 330	services@adriadiesel.hr
Purchasing Department	+385 (0) 47 843 350	purchase@adriadiesel.hr



