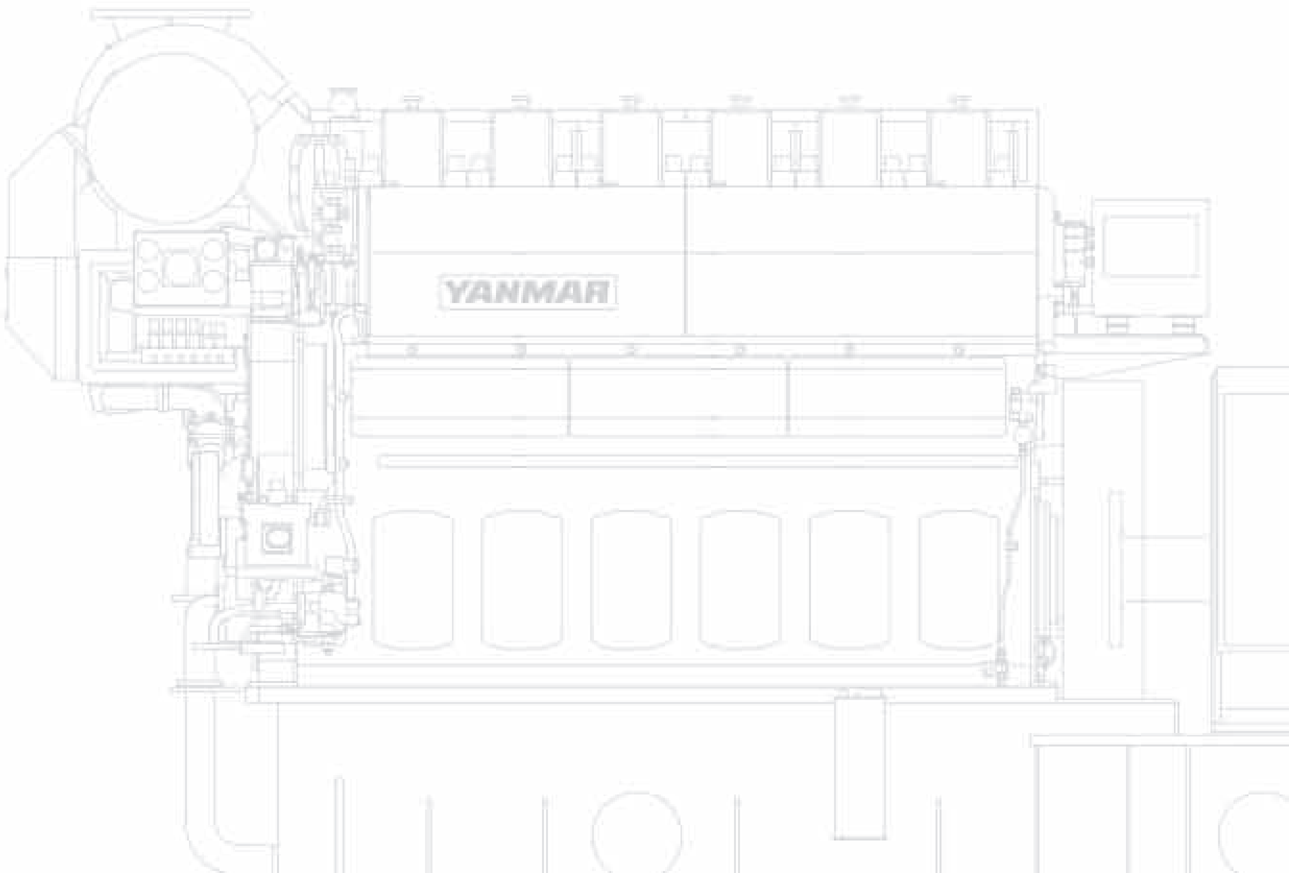
YANMAR

PRODUCTS GUIDE

MARINE DIESEL ENGINE

Marine Propulsion Power Range [374~4500kW]
Marine Auxiliary Generator Capacity [180~4600kWe]



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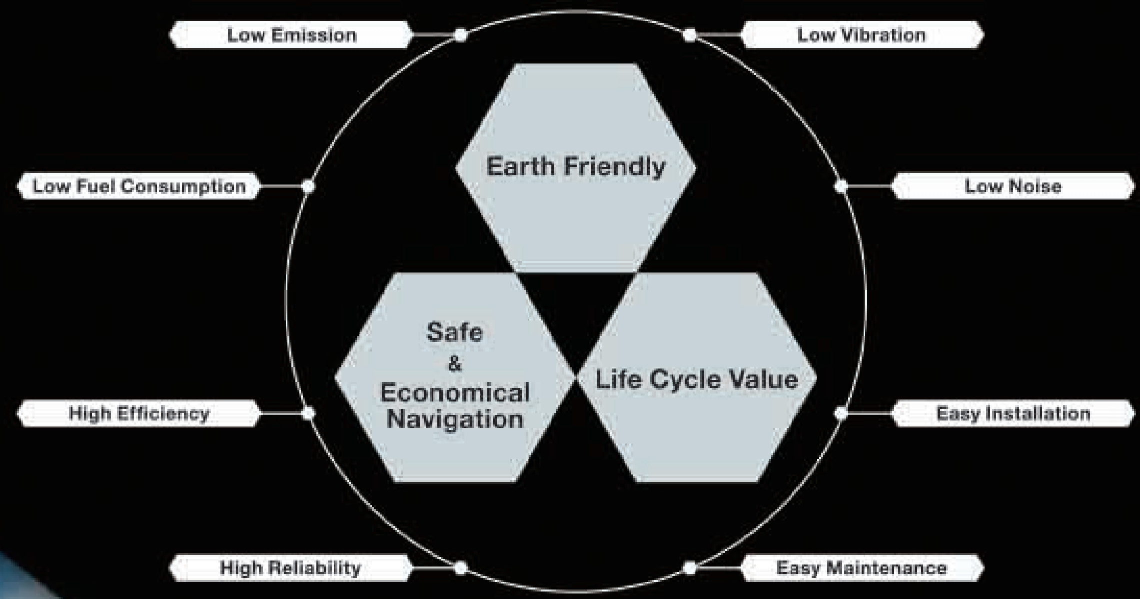
A SUSTAINABLE FUTURE



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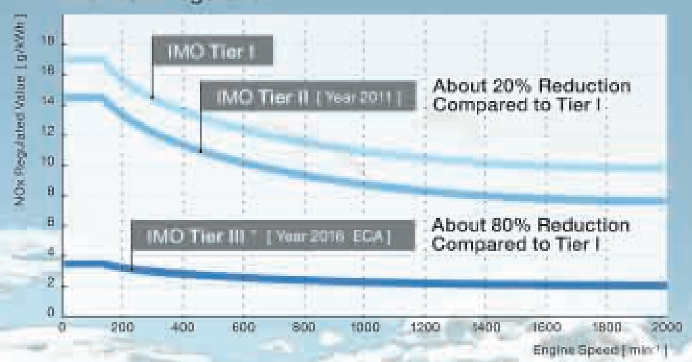
With respect for nature, YANMAR will be your reliable partner for a long voyage.

We will keep close communication with our customers once we deliver our products,
in addition to development and production of our wide range of marine engines.
we promote " Life Cycle Value " to our customers for their comfortable
and safe voyage over a long period of time.
while we pursue many possible ways to achieve low engine costs
and to be in harmony with the environment,
we strive to provide the best possible solution for our customers.

IMO NOx Regulation



IMO SOx Regulation

* Tier II is applied in general waters

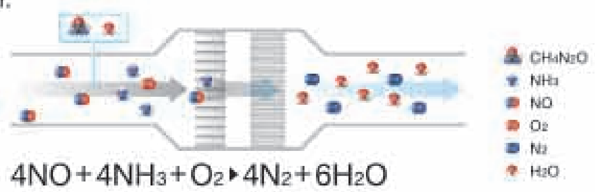
ECA = Emission Control Area
IMO = International Maritime Organization
NOx = Nitrogen Oxides
SOx = Sulfur Oxides

We separately adopt the exhaust gas selective catalytic reduction system in compliance with the new environmental regulations, IMO Tier III.

SCR System

■ **SCR System : How it works**

Urea solution safe to be used is injected into exhaust gas. By this, the generated ammonia reacts with NOx through catalyst, resulting in nontoxic nitrogen and water being discharged into open air.



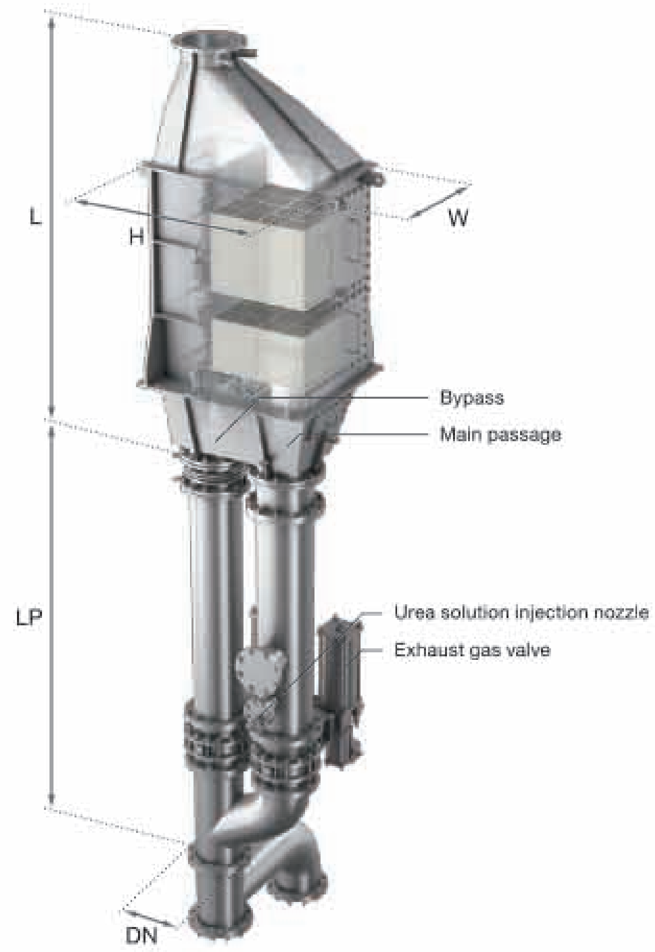
$$4NO + 4NH_3 + O_2 \blacktriangleright 4N_2 + 6H_2O$$

■ **Compact Design : Unified catalyst line and bypass**

Dimention

SCR model	Catalytic Reactor [mm]			Exhaust Pipe [mm]		Tier III Engine Model
	H	W	L	DN	LP	
Y155SCR-L	1080	750	2530	250A	2760	***6AYLS***
Y16SCR-L	1080	750	2230	250A	2560	***6NY16LWS***
	1080	750	2380	250A	2560	
Y165SCR-L	1140	750	2600	300A	2530	***6N165LWS***
	1140	750	2750	300A	2530	
Y18SCR-[A]L	1140	750	2600	300A	2930	***6EY18[A]LWS***
	1140	750	2750	300A	2930	
Y22SCR-[A]L	1480	1100	2770	400A	3620	***6EY22[A]LWS***
	1480	1100	2920	400A	3620	
Y26SCR-6L	1700	1430	3490	500A	4300	***6EY26LWS***
Y26SCR-8L	1920	1430	3360	550A	4300	***8EY26LWS***
	1920	1430	3510	550A	4300	
Y33SCR-6L	2080	1750	3850	650A	5120	***6EY33LWS***
Y33SCR-8L	2430	1760	3900	750A	6100	***8EY33LWS***

Feel free to contact for detailed informations on dimensions, etc.



YANMAR EcoDiesel is addressing the stricter IMO Tier II regulation NOx limits with improvements to combustion technologies of engine.

ASSIGN Combustion System

■ **Staggered Layout Multi-Hole Nozzle**

By staggering the layout and using multiple injection holes, this design achieves sufficient total injection area and improves air utilization.

■ **Air Flow Motion**

The optimally shaped air intake port generates a suitable swirl (votex flow) in the combustion chamber as well as a squish in the compression stroke. This promotes fuel / air mixing, improving combustion efficiency.

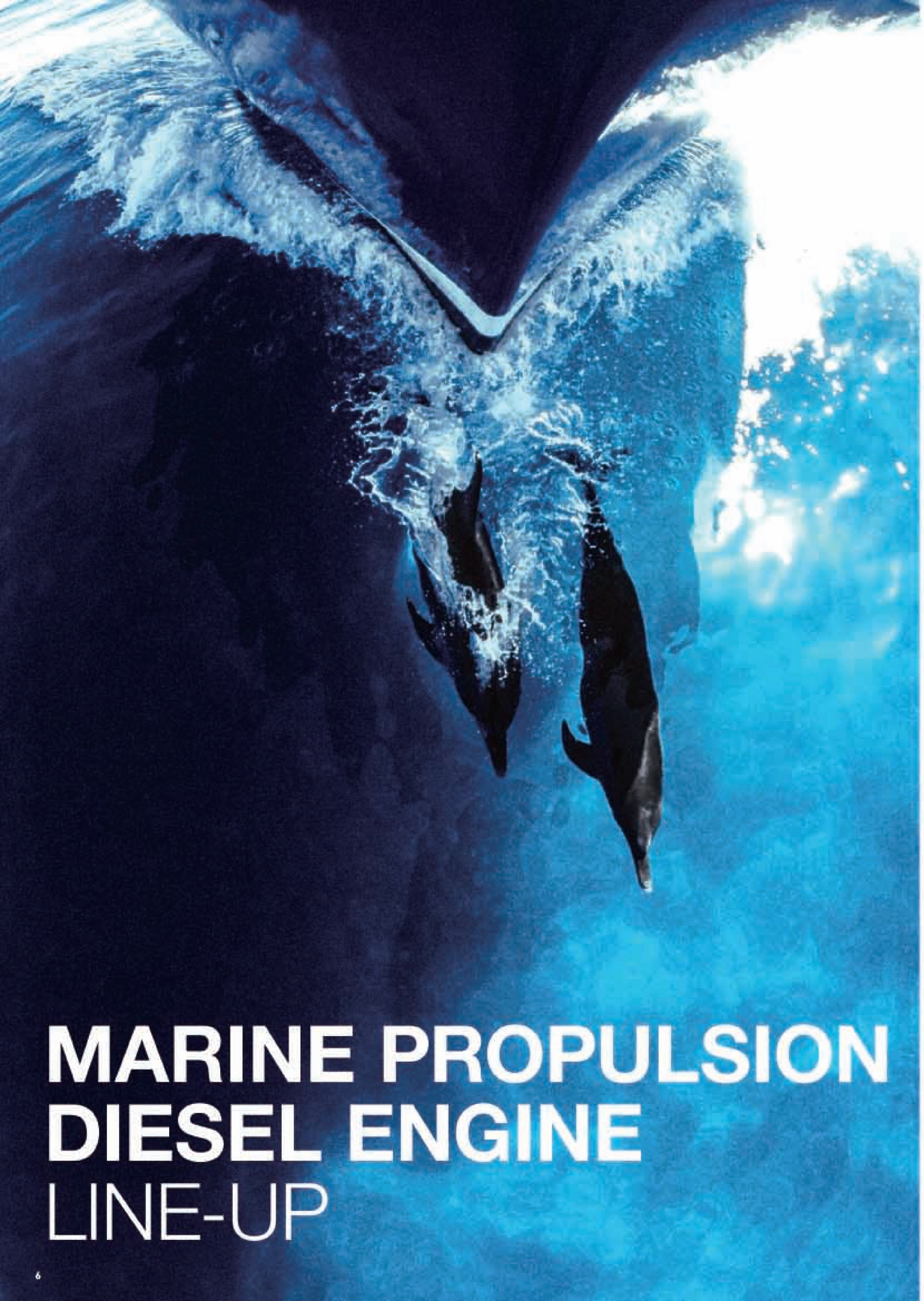
High Pressure Miller Cycle System

■ **Miller Type Cam**

By finishing the intake stroke earlier, the intake air expands and temperature in the cylinder decreases, and by reducing air temperature before combustion in the next compression stroke, the NOx emission is reduced.

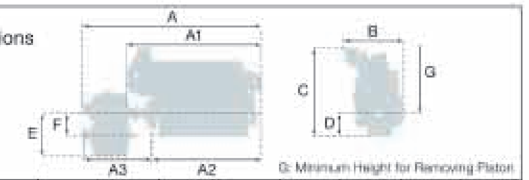
■ **High Pressure Ratio Turbocharger**

Increasing the intake pressure by high pressure ratio turbocharger during the short intake stroke ensures the quantity of charged air and fixes the cylinder pressure to restrain the increase of the specific fuel consumption.



MARINE PROPULSION DIESEL ENGINE
LINE-UP

Power Range

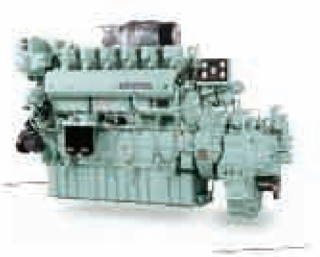


Series	Models	Output [kW] Engine Speed [min⁻¹] *850min⁻¹							Gear	Dimensions [mm]									
		620	750	800	900	1350	1450	1500		A	A1	A2	A3	B	C	D	E	F	G
6EY17W	***6EY17W***					374 480 590			***YXH-500***	2908	2410	2154	615	1305	1813	620	682	349	1300
									YXH-500L	3091			794				862	429	
						749	837		***YXH-500***	2908			615		1882		682	349	
									YXH-500L	3091			794				862	429	
6EY22AW	***6EY22AW***			736					***YX-1000***	4574	3647	2965	1488	1548	2326	666	885	435	1922
									YX-1000C	4687			1601				450	-	
				885					***YX-1000***	4574			1488	1618	2416		885	435	
									YX-1000C	4687			1601				450	-	
				1030					***YX-1000***	4603			1517				885	435	
									YX-1000C	4636			1550				450	-	
					1180 1330 1370				***YXH-2000***	4810			1807				1145	590	
									YXH-2000C	4960			1957				555	-	
6EY26W	***6EY26W***		1471						***YXH-2000M***	5702	4271	3563	1882	1804	3112	842	1145	590	1900
									YXH-2000MC	5880			2322				555	-	
									YXH-2000	5483			1882				1145	590	
									YXH-2000C	5601			2070				555	-	
			1620 1920						***YXH-2500M***	5710			1890				1145	590	
									YXH-2500MC	5880			2320				555	-	
									YXH-2500	5491			1890				1145	590	
									YXH-2500C	5601			2070				555	-	
8EY26W	***8EY26W***		2060 2210						***YX-3500M***	6912	5090	5022	1890	2085	3257	842	1427	777	1900
									YX-3500MC	7481			2459				730	80	
									YX-3500	6836			1814		3542	1127	1427	777	
									YX-3500C	6898			1876		2845	430	730	80	
			2360 2560						***YX-3500M***	6925			1903		3257	842	1427	777	
									YX-3500MC	7494			2472				730	80	
									YX-3500	6849			1827		3542	1127	1427	777	
									YX-3500C	6911			1889		2845	430	730	80	
6EY33W	***6EY33W***		2500 2750 3100 3360						-	-	5700	4520	-	2335	3695	1025	-	-	2372
8EY33W	***8EY33W***		3600 4000 4500						-	-	7125	5585	-	2555	4040	1025	-	-	2372
6N21AW	***6N21A-DW***			662					***Y-850***	3920	2776	2733	1158	1420	2081	601	814	359	1802
									YC-850	4051			1289				455	-	
	6N21A-UW			736					***YX-1000***	4053			1199				885	435	
									YX-1000C	4086			1232				450	-	
	6N21A-SW ***6N21A-EW***			883* 956*					***YX-1000***	4059			1205				885	435	
									YX-1000C	4092			1238				450	-	

MARINE PROPULSION DIESEL ENGINE

6EY17W

- Power : 374~837kW

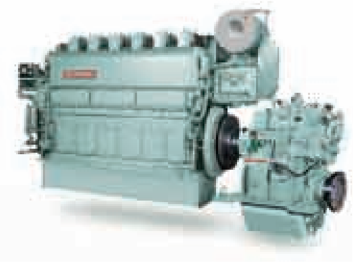


Engine Model		6EY17W				
No. of Cylinders		6				
Cylinder Bore×Stroke [mm]		170×230				
Rated Output [kW(PS)]		374(508)	480(653)	590(802)	749(1018)	837(1138)
Engine Speed [min⁻¹]		1350				1450
Dry Weight [kg]		3880				
Propeller Type		for F.P.P.				
Marine Gear Model	Offset	YXH-500				
		YXH-500L				
Reduction Gear Ratio (Ahead)	Offset	2.53, 3.04, 3.48				
		3.57, 4.07, 4.48, 4.96				
Marine Gear Dry Weight [kg]	Offset	700				
		1667				
Total Dry Weight with Marine Gear [kg]	Offset	4580				
		5547				

MARINE PROPULSION DIESEL ENGINE

6EY22AW

- Power : 736~1370kW

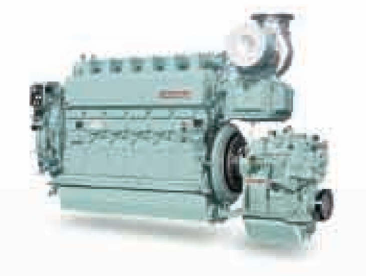


Engine Model		6EY22AW					
No. of Cylinders		6					
Cylinder Bore×Stroke [mm]		220×320					
Rated Output [kW(PS)]		736(1000)	885(1203)	1030(1400)	1180(1604)	1330(1808)	1370(1863)
Engine Speed [min⁻¹]		800	850		900		
Dry Weight [kg]		10000					
Propeller Type		for F.P.P.					
Marine Gear Model	Offset	YX-1000			YXH-2000		
	Co-Axial	YX-1000C			YXH-2000C		
Reduction Gear Ratio (Ahead)	Offset	2.03, 2.36, 2.78, 3.32			2.23, 2.58, 2.79, 3.03		
	Co-Axial	2.03, 2.36, 2.78, 3.32			2.23, 2.58, 2.79, 3.03		
Marine Gear Dry Weight [kg]	Offset	2400			4750		
	Co-Axial	2565			5050		
Total Dry Weight with Marine Gear [kg]	Offset	12505		12556	14861		
	Co-Axial	12670		12721	15161		

MARINE PROPULSION DIESEL ENGINE

6EY26W

- Power : 1471~1920kW



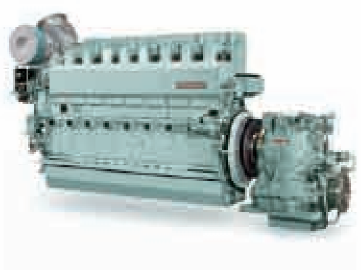
Engine Model		6EY26W					
No. of Cylinders		6					
Cylinder Bore×Stroke [mm]		260×385					
Rated Output [kW(PS)]		1471(2000)		1620(2203)		1920(2610)	
Engine Speed [min⁻¹]		750					
Dry Weight [kg]		18500					
Propeller Type		for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.
Marine Gear Model	Offset	YXH-2000M	YXH-2000	YXH-2500M	YXH-2500	YXH-2500M	YXH-2500
	Co-Axial	YXH-2000MC	YXH-2000C	YXH-2500MC	YXH-2500C	YXH-2500MC	YXH-2500C
Reduction Gear Ratio (Ahead)	Offset	2.23, 2.58, 2.79, 3.03					
	Co-Axial	2.23, 2.58, 2.79, 3.03					
Marine Gear Dry Weight [kg]	Offset	3900	4750	3950	4800	3950	4800
	Co-Axial	4300	5050	4400	5150	4400	5150
Total Dry Weight with Marine Gear [kg]	Offset	22549	23349	22640	23490	22640	23490
	Co-Axial	22949	23649	23090	23840	23090	23840

This Photograph Shows Model 6EY26 (IMO Tier I)

MARINE PROPULSION DIESEL ENGINE

8EY26W

- Power : 2060~2560kW



Engine Model		8EY26W							
No. of Cylinders		8							
Cylinder Bore×Stroke [mm]		260×385							
Rated Output [kW(PS)]		2060(2801)		2210(3005)		2360(3209)		2560(3481)	
Engine Speed [min⁻¹]		750							
Dry Weight [kg]		24500							
Propeller Type		for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.	for C.P.P.	for F.P.P.
Marine Gear Model	Offset	YX-3500M	YX-3500	YX-3500M	YX-3500	YX-3500M	YX-3500	YX-3500M	YX-3500
	Co-Axial	YX-3500MC	YX-3500C	YX-3500MC	YX-3500C	YX-3500MC	YX-3500C	YX-3500MC	YX-3500C
Reduction Gear Ratio (Ahead)	Offset	2.55, 2.80, 3.09, 3.31							
	Co-Axial	2.31, 2.54, 2.80, 3.00							
Marine Gear Dry Weight [kg]	Offset	8700	9400	8700	9400	8700	9400	8700	9400
	Co-Axial	8400	9100	8400	9100	8400	9100	8400	9100
Total Dry Weight with Marine Gear [kg]	Offset	33428	34128	33428	34128	33485	34185	33485	34185
	Co-Axial	33128	33828	33128	33828	33185	33885	33185	33885

MARINE PROPULSION DIESEL ENGINE

6EY33W

- Power : 2500~3360kW

Engine Model		6EY33W			
No. of Cylinders		6			
Cylinder Bore×Stroke [mm]		330×440			
Rated Output [kW(PS)]		2500(3399)	2750(3739)	3100(4215)	3360(4568)
Engine Speed [min⁻¹]		750			
Dry Weight [kg]		39100			
Propeller Type		-			
Marine Gear Model	Offset	-			
	Co-Axial	-			
Reduction Gear Ratio (Ahead)	Offset	-			
	Co-Axial	-			
Marine Gear Dry Weight [kg]	Offset	-			
	Co-Axial	-			
Total Dry Weight with Marine Gear [kg]	Offset	-			
	Co-Axial	-			

MARINE PROPULSION DIESEL ENGINE

8EY33W

- Power : 3600~4500kW

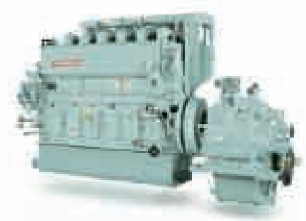
Engine Model		8EY33W		
No. of Cylinders		8		
Cylinder Bore×Stroke [mm]		330×440		
Rated Output [kW(PS)]		3600(4895)	4000(5438)	4500(6118)
Engine Speed [min⁻¹]		750		
Dry Weight [kg]		50900		
Propeller Type		-		
Marine Gear Model	Offset	-		
	Co-Axial	-		
Reduction Gear Ratio (Ahead)	Offset	-		
	Co-Axial	-		
Marine Gear Dry Weight [kg]	Offset	-		
	Co-Axial	-		
Total Dry Weight with Marine Gear [kg]	Offset	-		
	Co-Axial	-		

This Photograph Shows Model 6EY33W

MARINE PROPULSION DIESEL ENGINE

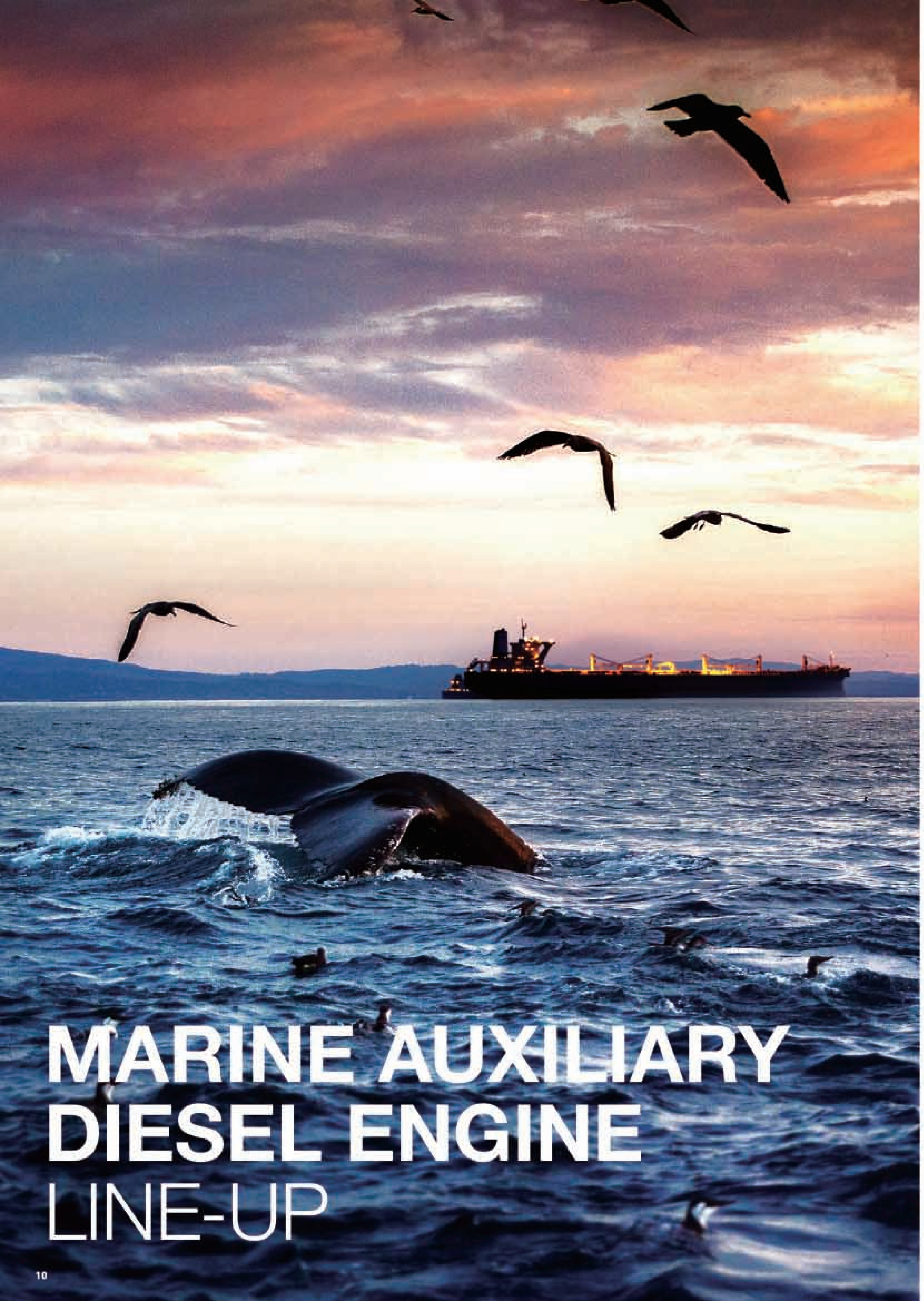
6N21AW

- Power : 662~956kW



Engine Model		6N21A-DW	6N21A-UW	6N21A-SW	6N21A-EW
No. of Cylinders		6			
Cylinder Bore×Stroke [mm]		210×290			
Rated Output [kW(PS)]		662(900)	736(1000)	883(1200)	956(1300)
Engine Speed [min⁻¹]		800		850	
Dry Weight [kg]		8000			
Propeller Type		for F.P.P.			
Marine Gear Model	Offset	Y-850	YX-1000		
	Co-Axial	YC-850	YX-1000C		
Reduction Gear Ratio (Ahead)	Offset	1.84, 2.07, 2.35, 2.68	2.03, 2.36, 2.78, 3.32		
	Co-Axial	1.84, 2.07, 2.35, 2.68	2.03, 2.36, 2.78, 3.32		
Marine Gear Dry Weight [kg]	Offset	2050	2400		
	Co-Axial	2150	2565		
Total Dry Weight with Marine Gear [kg]	Offset	10128	10478	10494	
	Co-Axial	10228	10643	10659	

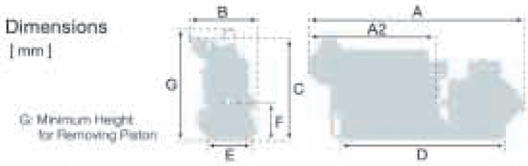
The engine dry weight and outline may differ depending upon the specifications and attached accessories.



MARINE AUXILIARY DIESEL ENGINE
LINE-UP

Generator Capacity

Fuel Oil : M.D.O / H.F.O (up to 700mm²/s / 50℃)

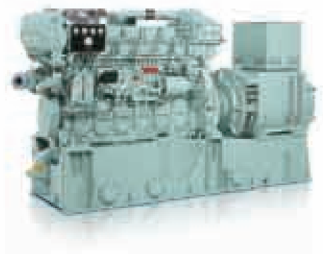
Series	Models	Output [kW] Engine Speed [min⁻¹]					Dimensions [mm] 							
		720	750	900	1000	1200	A	A2	B	C	D	E	F	G
6NY16LW	***6NY16L-HW***				200	265	3097	1972	1265	1813	2530	940	800	1983
	6NY16L-DW				245	310	3097							
	6NY16L-UW				270	355	3117							
	6NY16L-SW				310	400	3112							
	6NY16L-EW				353	441	3172							
6N165LW	***6N165L-UW***				353	441	3182	1982	1341	1999	2700	990	800	2105
	6N165L-SW			353			3332	2012	1557		2800			
					397	485			1341					
	6N165L-EW			397					1557					
					441	530			1341					
6EY18LW	***6EY18LW***	400~615					4441	2751	1493	2255	3620	1070	915	2564
6EY18ALW	***6EY18ALW***			455~615			4391	2751	1489	2255	3620	1070	915	2564
				660~800			4680				3720			
6EY22LW	***6EY22LW***	660~1080					5452	3337	1678	2630	4120	1180	985	2907
6EY22ALW	***6EY22ALW***			880~1370			5647	3337	1782	2675	4310	1180	985	2907
6EY26LW	***6EY26LW***	1400~1620					6474	3974	1847	3520	5270	1420	1250	3150
		1730~1840					6774							
8EY26LW	***8EY26LW***	1900~2130					8258	5290	2030	3665	6720	1420	1250	3150
		2245					8358				6800			
		2450					8418				6840			
6EY33LW	***6EY33LW***	2400~3600					8950	5280	2355	3895	7130	1780	1370	3742
8EY33LW	***8EY33LW***	4000~4800					10640	6655	2555	4470	7950	1780	1620	3992

The dimensions for the diesel engine generator sets are simply reference values. The values may differ for different generator manufacturers.

MARINE AUXILIARY DIESEL ENGINE

6NY16LW

- Generator Capacity : 180~400kWe

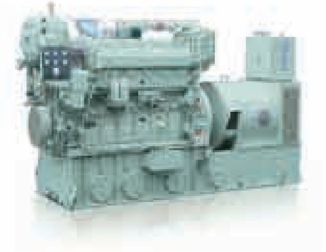


Engine Model	6NY16L-HW		6NY16L-DW		6NY16L-UW		6NY16L-SW		6NY16L-EW	
No. of Cylinders	6									
Cylinder Bore×Stroke [mm]	160×200									
Rated Output [kW(PS)]	200 (272)	265 (360)	245 (333)	310 (421)	270 (367)	355 (483)	310 (421)	400 (544)	353 (480)	441 (600)
Generator Capacity [kWe]	180	240	220	280	240	320	280	360	320	400
Engine Speed [min⁻¹]	1000	1200	1000	1200	1000	1200	1000	1200	1000	1200
Dry Weight [kg]	2880									
Total Weight (Gen. Set) [kg]	5870									

MARINE AUXILIARY DIESEL ENGINE

6N165LW

- Generator Capacity : 320~480kWe



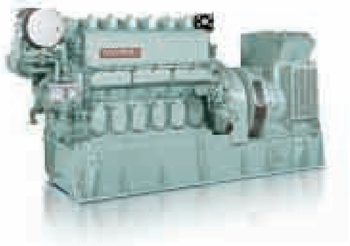
Engine Model	6N165L-UW		6N165L-SW			6N165L-EW		
No. of Cylinders	6							
Cylinder Bore×Stroke [mm]	165×232							
Rated Output [kW(PS)]	353 (480)	441 (600)	353 (480)	397 (540)	485 (660)	397 (540)	441 (600)	530 (720)
Generator Capacity [kWe]	320	400	320	360	450	360	400	480
Engine Speed [min⁻¹]	1000	1200	900	1000	1200	900	1000	1200
Dry Weight [kg]	4100							
Total Weight (Gen. Set) [kg]	6410		7160					

• 1000min⁻¹ : for MDO Application Only. • 900min⁻¹ : for HFO Application Only. This Photograph Shows Model 6N165L (IMO Tier I)

MARINE AUXILIARY DIESEL ENGINE

6EY18[A]LW

- Generator Capacity : 360~750kWe



Engine Model	6EY18LW					6EY18ALW							
No. of Cylinders	6												
Cylinder Bore×Stroke [mm]	180×280												
Rated Output [kW(PS)]	400 (544)	450 (612)	500 (680)	550 (748)	615 (836)	455 (619)	500 (680)	550 (748)	615 (836)	660 (897)	680 (925)	745 (1013)	800 (1088)
Generator Capacity [kWe]	360	400	450	500	560	400	450	500	560	600	620	680	750
Engine Speed [min⁻¹]	720/750					900/1000							
Dry Weight [kg]	6600												
Total Weight (Gen. Set) [kg]	11200									12100			

MARINE AUXILIARY DIESEL ENGINE

6EY22[A]LW

- Generator Capacity : 600~1300kWe

Engine Model	6EY22LW						6EY22ALW						
No. of Cylinders	6												
Cylinder Bore×Stroke [mm]	220×320												
Rated Output [kW(PS)]	660 (897)	745 (1013)	800 (1088)	880 (1197)	970 (1319)	1080 (1468)	880 (1197)	970 (1319)	1020 (1387)	1100 (1496)	1180 (1604)	1300 (1768)	1370 (1863)
Generator Capacity [kWe]	600	680	740	800	900	1020	800	900	950	1000	1100	1200	1300
Engine Speed [min⁻¹]	720/750						900/1000						
Dry Weight [kg]	11200						10500						
Total Weight (Gen. Set) [kg]	18500						18100						

MARINE AUXILIARY DIESEL ENGINE

6EY26LW

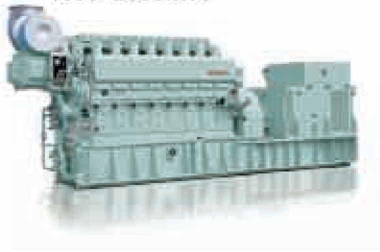
- Generator Capacity : 1300~1720kWe

Engine Model	6EY26LW			
No. of Cylinders	6			
Cylinder Bore×Stroke [mm]	260×385			
Rated Output [kW(PS)]	1400 (1903)	1620 (2203)	1730 (2352)	1840 (2502)
Generator Capacity [kWe]	1300	1500	1600	1720
Engine Speed [min⁻¹]	720/750			
Dry Weight [kg]	18500			
Total Weight (Gen. Set) [kg]	29800		30600	

MARINE AUXILIARY DIESEL ENGINE

8EY26LW

- Generator Capacity : 1800~2300kWe

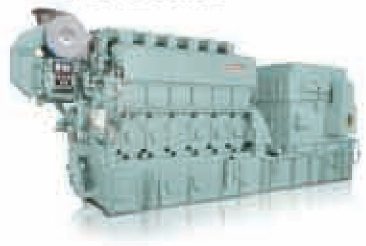


Engine Model	8EY26LW				
No. of Cylinders	8				
Cylinder Bore×Stroke [mm]	260×385				
Rated Output [kW(PS)]	1900 (2583)	2030 (2760)	2130 (2896)	2245 (3052)	2450 (3331)
Generator Capacity [kWe]	1800	1900	2000	2100	2300
Engine Speed [min⁻¹]	720/750				
Dry Weight [kg]	24500				
Total Weight (Gen. Set) [kg]	40000			40200	45000

MARINE AUXILIARY DIESEL ENGINE

6EY33LW

- Generator Capacity : 2250~3400kWe



Engine Model	6EY33LW				
No. of Cylinders	6				
Cylinder Bore×Stroke [mm]	330×440				
Rated Output [kW(PS)]	2400 (3263)	2750 (3739)	3000 (4079)	3360 (4568)	3600 (4895)
Generator Capacity [kWe]	2250	2550	2800	3200	3400
Engine Speed [min⁻¹]	720/750				
Dry Weight [kg]	38500				
Total Weight (Gen. Set) [kg]	63000				

MARINE AUXILIARY DIESEL ENGINE

8EY33LW

- Generator Capacity : 3750~4600kWe

Engine Model	8EY33LW		
No. of Cylinders	8		
Cylinder Bore×Stroke [mm]	330×440		
Rated Output [kW(PS)]	4000 (5438)	4500 (6118)	4800 (6526)
Generator Capacity [kWe]	3750	4300	4600
Engine Speed [min⁻¹]	720/750		
Dry Weight [kg]	50900		
Total Weight (Gen. Set) [kg]	90200		

The engine dry weight may differ depending upon the specifications and attached accessories. Above generator capacity will vary according to actual generator efficiency.

POWER SOLUTION BUSINESS AMAGASAKI PLANT

Amagasaki factory started in 1936 as world's first factory to produce small sized diesel engines.
Today, the factory mass produces large-sized diesel engines for marine and generator use,
and also produces diesel and gas engines for land use and general power source.
From 1983, the factory also produces gas turbines, and continues to produce high quality products ever since.

Highly quality and efficient production system

Amagasaki factory uses its unique, high performance devices and advanced machines for automatic and laborsaving operation. Furthermore, a suitable order-entry system matching each product is applied and controlled with an accurate quality management system. Therefore, we are able to produce highly reliable products to customers. YANMAR is the only company that produces the entire engine integrally within one factory.

Research and development with advanced technology

YANMAR continues to research and develop environmental-friendly technology in a higher degree, such as developing cleaner emission gas, low fuel consumption, and less vibration and noise, based on our unique engine technology.

Certifications of 11 major shipping classification societies

11 major ship certifications

The Amagasaki Plant has been certified by the world's 11 major ship classification societies. Its voluntary inspection program was certified by the 11 ship classification societies for the first time in the world

NK [Nippon Kaiji Kyokai]
ABS [American Bureau of Shipping]
LR [Lloyd's Register of Shipping]
DNV [Det Norske Veritas]
RINA [Registro Italiano Navale]
BV [Bureau Veritas]
KR [Korean Register of Shipping]
CCS [China Classification Society]
GL [Germanischer Lloyd]
IRS [Indian Register of Shipping]
RS [Russian Maritime Register of Shipping]

*1) ISO 9001:
International Quality Control System Standard of the International Standardization Organization,
(Certification No. 912208)

*2) ISO 14001:
International Environmental Management System Standard of the International Standardization Organization,
(Certification No. 770250)

Internationally Certified Quality Control and Environmental Response

In July 1992, Power Solution Business was certified under ISO 9001*1 by a certification authority in England, Lloyd's Register Quality Assurance Limited (LRQA). And in June 1997 under ISO 14001*2 for the first time as a plant producing large land and marine diesel engines. In addition, we also met IMO emissions control regulations (with NOx emission values) (Tier I in 2000 and Tier II in 2011) for the first time as a Japanese engine manufacturer. Our advanced technological capabilities for environmental conservation are highly recognized worldwide.

HISTORY

1912
- Founded as Yamaoka Hatsudoki Kosakusho.

1936
- Founded as Yamaoka Nainenki (internal combustion engine) Company Ltd. with 3 million yen on a 40,000m² site in Nagasu Oda-mura, Kawabe-gun, Hyogo Pref. Manufactured diesel engines together with Yamaoka Hatsudohki Kosakusho (engine mfg.) Co., Ltd.

1952
- Name changed to Yanmar Diesel Engine Co., Ltd.

1968
- Awarded Deming Prize for pursuing distinguished quality control.

1978
- Plant certified by ABS (American Bureau of Shipping) and LR (Lloyd's Register of Shipping), becoming the first plant in Japan to be so honored by the major ship classification organizations of Japan, U.K. and U.S.A., the major marine transportation countries of the world.

1984
- Plant certified by NV (Det Norske Veritas).

1991
- Production level of large-sized engines reached 100,000 units.
- Plant certified by RINA (Registro Italiano Navale).

1992
- Certified by LRQA (Lloyd's Register Quality Assurance) for ISO9001 Quality Assurance System.

1997
- Certified under ISO14001 (International Standard for Environmental Management System) by LRQA in June, first among Japanese engine manufacturers.

1998
- Three series of Yanmar marine engines certified first in Japan by IMO (International Maritime Organization) for complying with its NOx emissions in regulations.

1999
- Our new products of diesel engine " SAVETEN " series which advance of low NOx and low fuel oil consumption are on the commercial.

2002
- The Name of the company changed to YANMAR Co., Ltd.

2005
- Received supervision for approved factories by BV (Bureau Veritas).

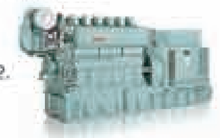
2006
- The Large Power Products Operations Business celebrated its 70th anniversary.

2007
- Completion of the Amagasaki Plant Development Laboratory, aimed at strengthening emissions standards and systems for developing new products as well as strengthening systems for producing large-sized products.

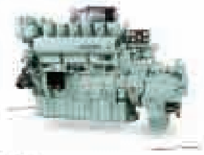
2008
- Received supervision for approved factories by KR (Korean Register of Shipping).

2009
- Received supervision for approved factories by CCS (China Classification Society).
- The 6EY18 engine model received a certificate from IMO (International Maritime Organization) for NOx Tier II standards that will be applicable from 2011, making Yanmar the first domestic ship engine manufacturer to receive the certificate.
- Received a designation for approved factories by GL (Germanischer Lloyd).

2010
- Released Model 6EY22.



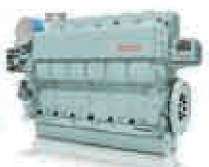
2012
- YANMAR celebrated the 100th anniversary of its founding.
- Received a designation for approved factories by IRS (Indian Register of Shipping).
- Released Model 6EY17.



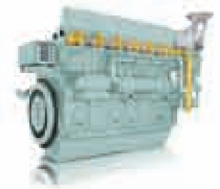
2013
- Received a designation for approved factories by RS (Russian Maritime Register of Shipping).

2014
- Released Model 6EYG26L.

2015
- Released Model 6EY33.
- Released SCR for Model 6EY26.



2016
- Released Model 6EY26DF



WORLDWIDE SERVICE NETWORK

EUROPE

NETHERLANDS COUNTRY CODE " 31 "

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WEB: yanmar.eu/

NICOVERKEN HOLLAND B.V.
Algerastraat 20, 3125 BS Schiedam, The Netherlands
TEL: 10-2380999 FAX: 10-2380990
E-MAIL: shiprepair@nicoverken.nl
WEB: www.nicoverken.nl

FUJI TRADING (MARINE) B.V.
Kortenoord 2-8 3087 AR Rotterdam, The Netherlands
TEL: 10-429-8833 FAX: 10-429-5227

GREECE COUNTRY CODE " 30 "

a YANMAR ENGINEERING CO.,LTD.
GREECE LIAISON OFFICE
5th FL.,130 Sygrou Avenue., Athens, Greece
TEL: 210-922-2481 FAX: 210-922-2484
E-MAIL: yanmargr@tee.gr / yanmar@weboffice.gr

U.K. COUNTRY CODE " 44 "

SHIPAID DIESEL SERVICES LTD
Units, 1&2, Plot 10, Westminster Trading Estate,
Westminster Road, North Hykeham, Lincoln, LN6 3QY, U.K.
TEL: 1522-696642 FAX: 1522-695153

GERMANY COUNTRY CODE " 49 "

NIPPON DIESEL SERVICE
Herman-Blohm-Strasse 1 D-20457 Hamburg, Germany
TEL: 40-3177100 FAX: 40-311598

ICELAND COUNTRY CODE " 354 "

MARAS E.H.F
Akralind 2 201 Kópavogur Iceland
TEL: 555-6444 FAX: 565-7230
E-MAIL: maras@maras.is

RUSSIA COUNTRY CODE " 7 "

ELITE INTERCONTINENTAL SHIPPING
1 Gapsalskaya 709 ,Area Code 198035 ,St.Petersburg ,Russia
TEL: 911-916-9495(24/7)/812-680-1713
FAX: 812-680-1702
E-MAIL: yanmar@elit-engine.ru
WEB: www.elit-engine.ru

SPAIN COUNTRY CODE " 34 "

SKANDIAVERKEN, S.L.
Pol. Torrelarragoiti Parcela P7M, Pabellón 1 y 2, 48170
Zamudio Bizkaia Spain
TEL: 94-452-0816 FAX: 94-452-0510
E-MAIL: skv@skvbermeo.com

TURKEY COUNTRY CODE " 90 "

SAKURA MARINE
DENIZ ENDÜSTRISI VE DIŞ TIC.LTD.ŞTI.
Istanbul Deri OSB, Kazlıçeşme Cad. No.22 X-5
Tuzla, Istanbul, Türkiye
TEL: +90 21-6494-4923
E-MAIL: info@sakura-marine.com
WEB: www.sakura-marine.com

MIDDLE EAST

U.A.E. COUNTRY CODE " 971 "

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DUBAI LIAISON OFFICE
Gold&Diamond Park, Manufacturing Office 3006,
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E-MAIL: ymrdubai@eim.ae

ALBWARDY MARINE ENGINEERING (L.L.C)
Al Jadaf Ship Docking Yard P.O.Box 6515, Dubai, U.A.E.
TEL: 4-324-1001, 324-1561 FAX: 4-324-1005
WEB: www.albwardymarine.com

GOLTENS CO. LTD. DUBAI BRANCH
Al Jadaf Ship Docking Yard P.O. Box 2811, Dubai, U.A.E.
TEL: 4-324-1642 FAX: 4-324-1963
WEB: www.goltens.com

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MAPSO
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Cairo/Ismailia Desert Road, Cairo, Egypt
TEL: 2-2962777 FAX: 2-2962780
E-MAIL: mapso@soficom.com.eg

MAPSO–ALEXANDRIA OFFICE
5 Ahmed Orabi Street Alexandria, Egypt
TEL: 3-487-3453 FAX: 3-487-3486

AFRICA

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124 Service Road Marine Drive Paarden Eiland 7405,
P.O. Box 63 Paarden Eiland 7420 South Africa
TEL: 21-511-8201 FAX: 21-510-6947

OCEANIA

AUSTRALIA COUNTRY CODE " 61 "

FOGACS CAIRNCROSS DOCKYARD PTY LTD.
Thynne Road, Morningside, Brisbane,
Queensland, Australia 4170
TEL: 7-322-70856 FAX: 7-3399-6164

WATERSIDE ENGINEERING PTY LTD.
48-50 Export Drive, Brooklyn 3025, Victoria Australia
TEL: 3-9314-3722 FAX: 3-9314-3799
E-MAIL: waterside@waterside-eng.com

JAITCO
10199 Kurraba Road, Neutral Bay, N.S.W. 2089, Australia
TEL: +81-89-956-8927 FAX: +81-89-956-8927

JAPAN MARINE ENGINEERING CO.,LTD
475 Warrigal Road Moorabbin Victoria Australia 3189
TEL: 3-9555-5277 FAX: 3-9555-5344
E-MAIL: sales@jmeaust.com.au

PAPUA NEW GUINEA COUNTRY CODE " 675 "

LUTHERAN SHIPPING
P.O. Box 1459 Lae, Papua New Guinea
TEL: 42-6190 FAX: 42-5806
TELEX: NE 44172

ASIA

JAPAN COUNTRY CODE " 81 "

YANMAR CO., LTD.

▪ YANMAR (HEAD OFFICE)
YANMAR FLYING-Y BUILDING, 1-32,
Chayamachi, Kita-ku, Osaka, 530-8311, Japan
WEB: yanmar.com

▪ YANMAR (TOKYO) OVERSEAS SALES DIVISION
2-1-1, Yaesu, Chuo-ku, Tokyo, 104-8486, Japan
TEL: 3-3275-4909 FAX: 3-3275-4969

▪ YANMAR (AMAGASAKI PLANT)
1-1-1, Nagasu Higashidori, Amagasaki,
Hyogo, 660-8585, Japan

▪ QUALITY ASSURANCE DEPT.
TEL: 6-6489-8017 FAX: 6-6488-4009

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▪ YANMAR ENGINEERING (HEAD OFFICE)
1-1-1, Nagasu Higashidori, Amagasaki,
Hyogo, 660-8585, Japan
TEL: 6-6489-8045 FAX: 6-6489-8075
WEB: www.yanmar.co.jp/ye/

▪ OVERSEAS ENGINEERING DIVISION.
TEL: 6-6489-8046 FAX: 6-6481-6101

CHINA COUNTRY CODE " 86 "

B YANMAR ENGINE (SHANGHAI) CO., LTD.
10F, E-Block POLY PLAZA, No.18 Dongfang Road,
Pudong Shanghai, China P.R.C 200120
TEL: 21-6880-5090 FAX: 21-6880-8090
WEB: yanmar.com/cn/

GOLTENS SHANGHAI CO., LTD
Block No.5, No.533 Yuanzhong Road,
Nanhui Industrial Zone, Nanhui District, Shanghai, China
TEL: 21-58186628 FAX: 021-58186633
E-mail: shanghai@goltens.com

TIANJIN PORT TUG-BOAT &
LIGHTER COMPANY /
YANMAR ENGINE SERVICE CENTER
No.383 Yongtai Road, Tanggu District, Tianjin, China
TEL: 22-2570-7510 FAX: 22-2570-7510

DALIAN WANFANG MARINE
TECHNOLOGY CO., LTD
No.40 Aixian Street, Qixianling,
Dalian High-Tech Industrial Zone, China
TEL: 411-84799000 FAX: 411-84795678
E-mail: wf@china-wf.com

ZHOUSHAN IMC-YY SHIPYARD &
ENGINEERING CO., LTD.
28, Mazhi West Road, Shenjiamen, Putuo,
Zhoushan, China, 316100
TEL: 580-3690896/3690518/3690577/3690882
FAX: 580-3690580
WEB: www.imc-yy.com

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C YANMAR INDIA PRIVATE LIMITED
707 Real Tech Park, Sector 30/A, Vashi, Navi Mumbai,
Pin: 400 703, Maharashtra
TEL: +91-22-2781 0975

IND-AUST MARITIME PVT LTD.
C-6/2, T.T.C, M.I.D.C. Pawane, Turbhe, Navi Mumbai
400 705, Maharashtra, India
TEL: 22-2763-3178 FAX: 22-2789-2529

SINGAPORE COUNTRY CODE " 65 "

D YANMAR ASIA (SINGAPORE)
CORP. PTE. LTD. (YASC)
4 Tuas Lane, Singapore 638613
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WEB: yanmar.com/sg/

CHONG LEE LEONG SENG CO., (PTE) LTD.
23 Tuas Avenue 2, Singapore 639454
TEL: 6264-2922 FAX: 6861-8785

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c YANMAR ENGINEERING (HK) CO., LTD.
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SEAPOWERS TRADING & INDUSTRIAL SERVICES
316-A Mamatid Cabuyao, Laguna, Philippines
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TAIWAN BRANCH TAIPEI SATELLITE OFFICE
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YEE FOO MARINE INDUSTRIAL CO., LTD.
6F-3, No.369 Fusing North Road,Taipei, Taiwan R.O.C. 105
TEL: 2-8712-0848 FAX: 2-8712-0797

SEIKOH CO., LTD.
No.56, Yugang Jung 2 Rd., Chien Chen Dist. Kaohsiung, Taiwan
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PLUS SERVICE CO.
Room 3806, Centum Leaders Mark B/D, 1514 U-Dong,
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E-MAIL: plusbusan@hanafos.com

CHIBA MARINE KOREA CO., LTD.
1-90, Chunghak-Dong, Yeongdo-gu, Busan, Korea
TEL: 51-418-8998 FAX: 51-418-5880
E-MAIL: chibako@korea.com

MALAYSIA COUNTRY CODE " 60 "

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Sibu Sarawak, Malaysia
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CHONG LEE LEONG SENG ENTERPRISE SDN BHD
Lot 530, Persiaran Subang Permai Sg. Penaga
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E-MAIL: sale-div@winstrategic.com.mm

UNITED ENGINEERING CO., LTD
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WEB: www.united-engineering.net

INDONESIA COUNTRY CODE " 62 "

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TEL: 21-385-8526 FAX: 21-384-8995

P.T. PIONEER
Jalan Ir. H. Juanda, No.40-42 Jakarta 10120, Indonesia
(P.O. Box 2502-Jakarta 10025)
TEL: 21-344-8486 FAX: 21-384-8995

NORTH AMERICA

U.S.A. COUNTRY CODE " 1 "

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TEL: 770-877-9894 FAX: 770-877-9009
WEB: yanmar.com/global/

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NEW YORK BRANCH
Parker Plaza 16F, 400
Kelby Street, Fort Lee, NJ 07024 U.S.A.
TEL: 201-592-8500

MARINE TURBO & DIESEL INC.
1090 7th Street Richmond, Ca 94801, U.S.A.
TEL: 510-236-3525 FAX: 519-236-3576

GOLTENS NEW YORK CORP.
160 Van Brunt Street, Brooklyn, NY 11231, U.S.A.
TEL: 718-855-7200 FAX: 718-802-1147

GOLTENS MIAMI CO. INC.
2323 N.E.Miami Court - Miami, Florida 33137 U.S.A.
TEL: 305-576-4410 FAX: 305-576-3827

TRANSMARINE PROPULSION SYSTEM, INC
5434 West Crenshaw Tampa, Florida, 33634 U.S.A.
TEL: 813-830-9180 FAX: 813-830-9181

UNITED WORLD ENTERPRISE, INC
6310 Winfree Houston, Texas 77087 U.S.A.
TEL: 713-641-1915 FAX: 713-641-2717

SOUTH AMERICA

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11013-030, Santos, SP, Brazil
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E-MAIL: santos@metalock.com.br
WEB: www.metalock.com.br

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Rua Del. Waldir Guilherme, 32 - Ilha da Conceicao - Niteroi
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TEL: 21-2109-1800 FAX: 21-2109-1812/1814
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NOTES

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- Power Solution Business
- Overseas Sales Division

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