



**mase**  
GENERATORS  
*Believing in change.*

## SOSTENIBILITÀ

Il mare è la massima espressione della natura. È generoso nei nostri confronti, ma merita rispetto. È giusto quindi utilizzare tutta l'energia che ci serve, generata da tecnologie evolute che Mase è in grado di offrire. Motori a propulsione elettrica e sistemi ibridi con l'utilizzo di batterie al litio. Perché come sempre il nostro impegno è tutelare la **SOSTENIBILITÀ**. **Spinti dall'innovazione, rispettosi dell'ambiente.**

## FIDUCIA

In un mondo dove tutti promettono, la nostra storia parla per noi. Fin dal 1970 Mase ha fatto dell'innovazione il suo credo. È stata pionieristica nel mondo dei gruppi elettrogeni marini. Questo rende il brand cesenate un punto di riferimento per gli imprenditori che hanno una visione a lungo termine e che fanno dell'innovazione la loro caratteristica distintiva. Creando con loro un rapporto costruttivo di partnership e di **FIDUCIA** reciproca, per costruire insieme un percorso comune proiettato al futuro.

## CONFIDENCE

*In a world where everyone promises, our story speaks for us. Since 1970 Mase has made innovation his creed. It was a pioneer in the world of marine generator sets. This makes the Cesena's brand a point of reference for entrepreneurs who have a long-term vision and who make innovation their distinctive feature. By creating a constructive relationship of partnership and mutual **CONFIDENCE** with them, to build together a common journey projected towards the future.*

## LIBERTÀ

Mai come oggi ricerchiamo la **LIBERTÀ**. Godere la nostra vita senza restrizioni. Questo è possibile se nella nostra barca abbiamo tutta l'energia che ci serve. Un generatore efficiente che ci assicuri autonomia. E che ci porti lontano, oltre ogni limite.

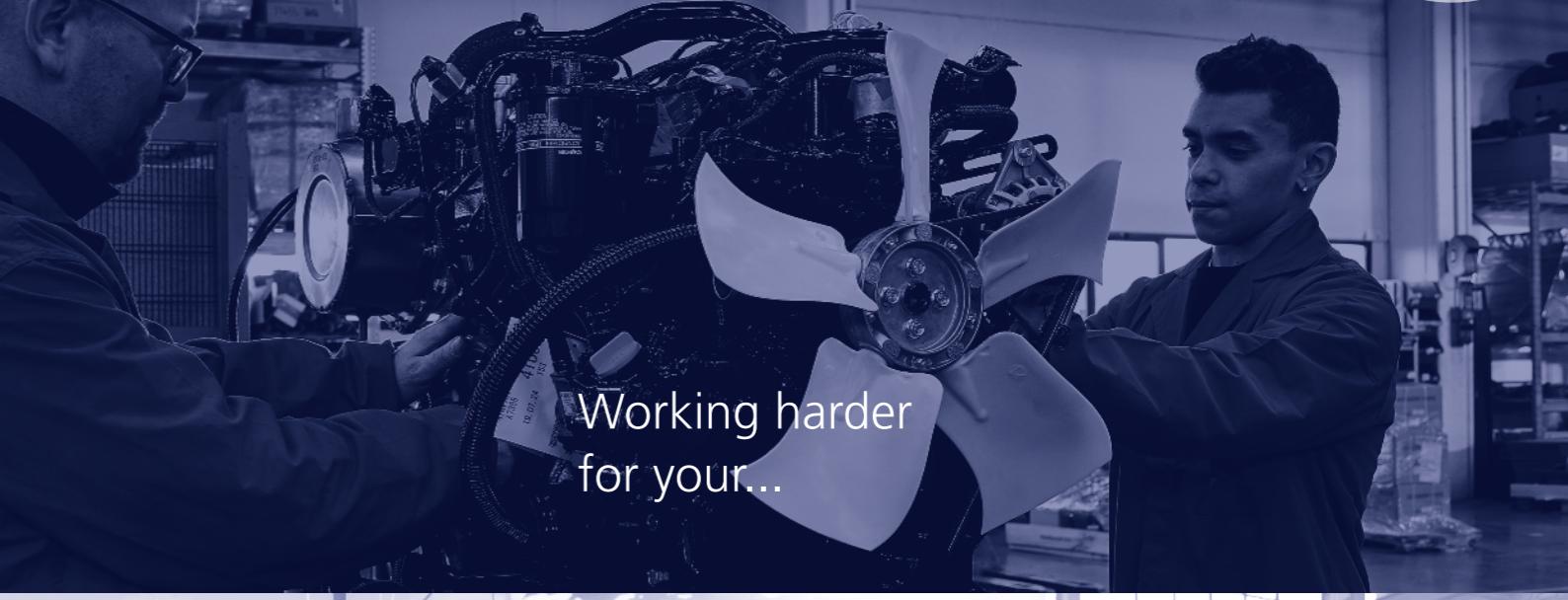
## FREEDOM

*Never like today we seek **FREEDOM**. Enjoy our life without restrictions. This is possible if we have all the energy we need in our boat. An efficient generator that ensures us autonomy. And that it takes us far, beyond all limits.*

## SUSTAINABILITY

*The sea is the highest expression of nature. He is generous to us, but he deserves respect. It is therefore right to use all the energy we need, generated by advanced technologies that Mase is able to offer. Electric propulsion engines and hybrid systems with the use of lithium batteries. Because, as always, our commitment is to protect **SUSTAINABILITY**.*

*Driven by innovation, respectful of the environment.*



**Un passato di qualità, un futuro di innovazione.**

*The quality of the past, the innovation in the future.*

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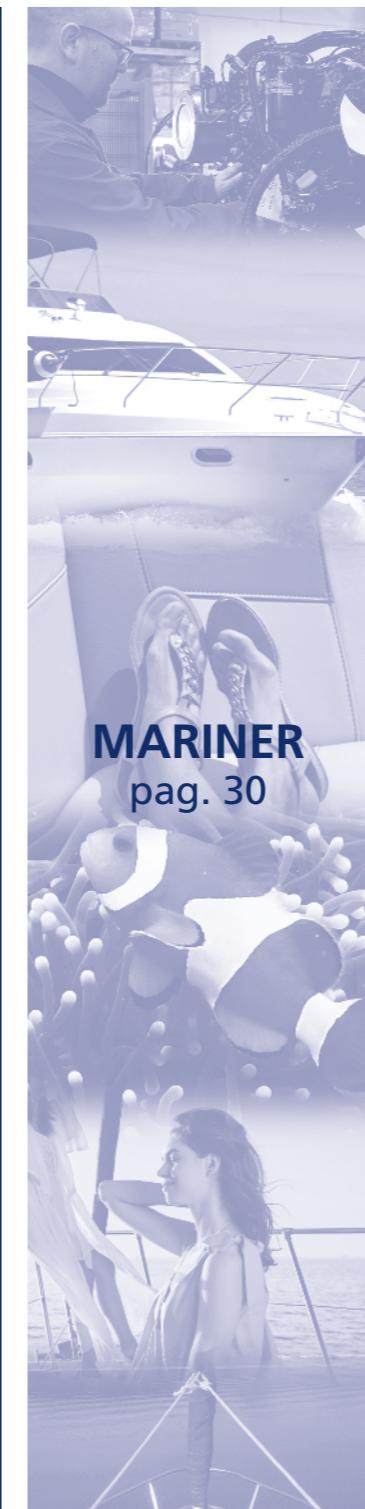
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\* Versione aperta - Open version

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# Gruppi SPECIALI

## Special Groups

Noi di Mase siamo affermati come una realtà che opera nella progettazione e produzione di gruppi elettrogeni a giri variabili. Questo ci consente di ottimizzare sistemi di propulsione ibrida di media e alta potenza. Perché il nostro impegno quotidiano ha l'obiettivo di innovare il tuo mondo, attraverso progetti su misura per soddisfare le tue specifiche esigenze.

In Mase we have established ourselves as a company that operates in the design and production of variable speed generators. This allows us to optimize medium and high power hybrid propulsion systems. Because our daily commitment aims to innovate your world, through tailor-made projects to meet your specific needs.

### INNOVAZIONE PER IL MONDO DEI SISTEMISTI

Per sviluppare al meglio i loro sistemi di propulsione, molti sistemisti ci hanno scelto nel corso di questi ultimi anni.

La nostra gamma di gruppi elettrogeni va da 50 a 500 kw, con tensioni oltre gli 800 volts dc.

### INNOVATION FOR THE WORLD OF SYSTEMS ENGINEERS

To best develop their propulsion systems, many systems engineers have chosen us over the years.

Our range of generator sets goes from 50 to 500 kw, with voltages over 800 volts dc.

# Custom projects for you...



### ESPERIENZA TECNOLOGICA E AMBIENTALE

Continuiamo a studiare e aggiornarci per offrirti il massimo della nostra esperienza. La costante ricerca ci consente di offrirti prodotti in grado di migliorare la tua attività. Attraverso sistemi sempre più compatti, efficienti e rispettosi dell'ambiente. Perché solo una tecnologia consapevole e sostenibile può evolvere in un'innovazione efficiente.

### TECHNOLOGICAL AND ENVIRONMENTAL EXPERIENCE

We continue to study and update ourselves to offer you the maximum of our experience. Constant research allows us to offer you products that can improve your business. Through increasingly compact, efficient and environmentally friendly systems. Because only a conscious and sustainable technology can evolve into efficient innovation.

# Generatori VARIABLE SPEED



## Variable Speed Generators

Per offrirti il meglio, abbiamo lavorato con il massimo impegno per creare il nostro fiore all'occhiello: i generatori Mase VS. Queste macchine si distinguono per la loro innovazione e caratteristiche altamente tecnologiche, che possono essere riassunte nei seguenti punti:

*To offer you our best, we have worked with the maximum effort to create our flagship: the Mase VS generators. These machines stand out for their innovation and highly technological features, which can be summarized in the following points:*

### GIRI DEL MOTORE

I giri del motore variano a seconda del carico richiesto tra 2100 e 3150 giri / min.

Ciò significa che se si hanno poche applicazioni elettriche collegate, il generatore si calibrerà automaticamente alla potenza richiesta, garantendo al contempo un'eccellente stabilità di tensione e frequenza.

### ENGINE REVVS

*The engine revs vary depending on the load request between 2100 and 3150 rpm.*

*This means that if you have only few electrical applications connected, the generator will automatically calibrate to the required power, while ensuring exceptional voltage and frequency stability.*



### INVERTER

All'interno dell'involucro che ospita il motore e l'alternatore a magneti permanenti (PMG) particolarmente compatto, è installato anche l'Inverter. Quest'ultimo evita la circolazione esterna di cavi di grandi dimensioni con alte tensioni, come invece normalmente avviene.



Alternatore PMG

PMG Alternator

### INVERTER

*Inside the enclosure that houses the engine and a particularly compact permanent magnet alternator (PMG) there is installed as well the Inverter which avoids the external circulation of large cables with high voltages, as is the case in traditional systems.*



Inverter  
Inverter

Attuatore RPM  
RPM Actuator

### ACCOPPIAMENTO PARALLELO

È possibile realizzare l'accoppiamento in parallelo di 2 gruppi dello stesso modello, con funzioni che offrono il massimo risparmio energetico e allo stesso tempo consentono carichi elevati. Collegando gli inverter dei due generatori tramite un semplice cavo si raddoppia la potenza ed i generatori si sincronizzano automaticamente, oltre a poter essere alternati nelle funzioni Master e Slave. Questa funzione non è disponibile per la serie Dual Voltage.

### PARALLEL COUPLING

*There are circuits that allow parallel coupling with functions that offer maximum energy savings and at the same time allow high loads. Connecting the inverters of the two generators through a simple cable doubles the power and the generators are automatically synchronized, as well as being able to be alternated in the Master and Slave functions. This function is not available for the Dual Voltage series*

### COOLING

*The VS units are cooled by closed circuits with water coolant/sea water exchanger and indoor air/sea water exchanger that allow working at optimal temperatures, as well as permitting an easy installation in the engine room, requiring no special volumes and being completely autonomous and independent by factors such as operating temperature and volumes regarding to cooling.*

### ANTI-VIBRAZIONE

I modelli della serie VS hanno un doppio sistema antivibrante, il primo riduce il livello di vibrazioni provenienti dal gruppo motore/alternatore verso il telaio. Il secondo assorbe le micro vibrazioni residue originate tra il telaio del generatore e la barca.

### ANTI-VIBRATION

*The VS series models have a double anti-vibration system, the former reducing the vibration level coming from the engine/alternator unit to the frame and the latter absorbing the residual micro vibrations originated between the generator frame and the boat.*

GIRI  
VARIABILI

1 FASE 50/60 HZ



VS 6.5



VS 10.5



VS 12.5



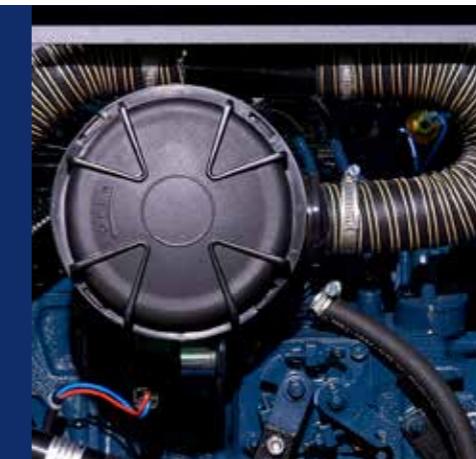
VS 17.5 LOW

VARIABLE  
SPEED

1 PHASE 50/60 HZ

POTENZA CA CONTINUA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO	MOTORE												
Continuous AC output	Rpm	Sizes		Sizes		Weight	Engine												
Puissance CA continue	Tours/min	Dimensions		Dimensions		Poids	Moteur												
Potencia CA continua	Vueltas/min	Dimensiones		Dimensiones		Peso	Motor												
Kontinuierliche Leistung AC	Drehzahl u/min	Maße		Maße		Gewicht	Motor												
<b>variable speed</b>	1 PHASE	mm		in															
	230 or 240V	L	W	H	L	W	H												
<b>VS 6.5</b>	6,5 KW	2100-3150	650	468	555	25,6	18,4	21,8	161	355	KUBOTA Z482	INDIRECT	INTERCOOLER W/A - W/W	479	29,2	2	11,1	ELECTRONIC WITH ACTUATOR	54
<b>VS 8.5*</b>	8,5 KW	2100-3150	650	468	555	25,6	18,4	21,8	172	379	KUBOTA Z602	INDIRECT	INTERCOOLER W/A - W/W	599	36,5	2	14,5	ELECTRONIC WITH ACTUATOR	54
<b>VS 10.5</b>	10,5 KW	2100-3150	730	468	555	28,7	18,4	21,8	176	388	KUBOTA D722	INDIRECT	INTERCOOLER W/A - W/W	719	43,8	3	16,6	ELECTRONIC WITH ACTUATOR	54
<b>VS 12.5*</b>	12,5 KW	2100-3150	730	468	555	28,7	18,4	21,8	185	408	KUBOTA D902	INDIRECT	INTERCOOLER W/A - W/W	898	54,8	3	18	ELECTRONIC WITH ACTUATOR	55
<b>VS 12.8Y</b>	12,8 KW	2100-3150	740	514	575	29,1	20,2	22,6	195	430	YANMAR 3TNV74F	INDIRECT	INTERCOOLER W/A - W/W	993	60,6	3	18,4	ELECTRONIC WITH ACTUATOR	55
<b>VS 13.5 LOW*</b>	12,5 KW	1650-2500	800	514	647	31,5	20,2	25,4	235	518	KUBOTA D1105	INDIRECT	INTERCOOLER W/A - W/W	1123	68,5	3	24,8	ELECTRONIC WITH ACTUATOR	50
<b>VS 15.5*</b>	15 KW	2100-3150	800	514	647	31,5	20,2	25,4	235	518	KUBOTA D1105	INDIRECT	INTERCOOLER W/A - W/W	1123	68,5	3	24,8	ELECTRONIC WITH ACTUATOR	56
<b>VS 17.5 LOW*</b>	16,2 KW	1450-2300	885	514	648	34,8	20,2	25,5	252	555	KUBOTA V1505-E4B	INDIRECT	INTERCOOLER W/A - W/W	1498	91,4	4	24,8	ELECTRONIC WITH ACTUATOR	50
<b>VS 22 LOW</b>	20 KW	1500-2000	985	585	730	38,8	23	28,7	360	794	YANMAR 4TNV88	INDIRECT	INTERCOOLER W/A - W/W	2190	133,5	4	29,4	ELECTRONIC WITH ACTUATOR	50
<b>VS 27 LOW</b>	25 KW	1500-2200	985	585	730	38,8	23	28,7	365	805	YANMAR 4TNV88	INDIRECT	INTERCOOLER W/A - W/W	2190	133,5	4	36,7	ELECTRONIC WITH ACTUATOR	50

\*





VS 6.6



VS 8.6



VS 10.6



VS 12.6

POTENZA CA CONTINUA	GIRI/MIN	DIMENSIONI	DIMENSIONI	PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	POTENZA ACUSTICA
Continuous AC output	Rpm	Sizes	Sizes	Weight	Engine	Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Acoustic power
Puissance CA continue	Tours/min	Dimensions	Dimensions	Poids	Moteur	Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Puissance acoustique
Potencia CA continua	Vueltas/min	Dimensiones	Dimensiones	Peso	Motor	Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Potencia acústica
Kontinuierliche Leistung AC	Drehzahl u/min	Maße	Maße	Gewicht	Motor	Indjektion	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Schalleistung
<b>variable speed</b>		1 PHASE	mm	in							dBA
		115 or 240V	L	W	H	L	W	H	Kg	Lb	@ 7mt - 23 ft
<b>VS 6.6</b>	6,5 KW	2100-3150	650	468	555	25,6	18,4	21,8	165	364	KUBOTA Z482
<b>VS 8.6</b>	8,5 KW	2100-3150	650	468	555	25,6	18,4	21,8	179	395	KUBOTA Z602
<b>VS 10.6</b>	10,5 KW	2100-3150	730	468	555	28,7	18,4	21,8	183	403	KUBOTA D722
<b>VS 12.6</b>	12,5 KW	2100-3150	730	468	555	28,7	18,4	21,8	192	423	KUBOTA D902

EPA



GIRI  
VARIABILI

1 FASE 50/60 HZ



VS 8.6 DV



VS 10.6 DV

VARIABLE  
SPEED

1 PHASE 50/60 HZ



VS 12.6 DV



VS 15.6 DV

POTENZA CA CONTINUA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA		POTENZA MAX	REGOLATORE DI GIRI	POTENZA ACUSTICA				
Continuous AC output	Rpm	Sizes		Sizes		Weight		Engine	Injection system	Cooling system	Displacement		Maximum Power	Speed Regulator	Acoustic power				
Puissance CA continue	Tours/min	Dimensions		Dimensions		Poids		Moteur	Système d'injection	Refroidissement	Cylindrée		Puissance maxi	Régulateur de tours	Puissance acoustique				
Potencia CA continua	Vueltas/min	Dimensiones		Dimensiones		Peso		Motor	Inyección	Refrigeración	Desplazamiento		Potencia máxima	Regulador de vueltas	Potencia acústica				
Kontinuierliche Leistung AC	Drehzahl u/min	Maße		Maße		Gewicht		Motor	Indjektion	Kühlung	Hubraum		Maxi Leistung	Drehzahlregler	Schalleistung				
<b>variable speed</b>	1 PHASE	mm		in										dBA					
	120 & 240V	L	W	H	L	W	H	Kg	Lb			c.c.	cid	n°	hp	@ 7mt - 23 ft			
<b>VS 8.6 DV</b>	8,5 KW	2100-3150	650	468	555	25,6	18,4	21,8	179	395	KUBOTA Z602	INDIRECT	INTERCOOLER W/A - W/W	599	36,5	2	14,5	ELECTRONIC WITH ACTUATOR	54
<b>VS 10.6 DV</b>	10,5 KW	2100-3150	730	468	555	28,7	18,4	21,8	183	403	KUBOTA D722	INDIRECT	INTERCOOLER W/A - W/W	719	43,8	3	16,6	ELECTRONIC WITH ACTUATOR	54
<b>VS 12.6 DV</b>	12,5 KW	2100-3150	730	468	555	28,7	18,4	21,8	192	423	KUBOTA D902	INDIRECT	INTERCOOLER W/A - W/W	898	54,8	3	18	ELECTRONIC WITH ACTUATOR	55
<b>VS 15.6 DV</b>	15 KW	2100-3150	800	514	647	31,5	20,2	25,4	235	518	KUBOTA D1105	INDIRECT	INTERCOOLER W/A - W/W	1123	68,5	3	24,8	ELECTRONIC WITH ACTUATOR	56



Non parallelabile - Not for parallel operation



# Generatori INTERCOOLER SYSTEM - IS

## Intercooler system - IS Generators

**La costante ricerca per offrirti il massimo dell'innovazione, ci ha portato a creare la gamma IS (Intercooler System). Questi generatori sono pensati per migliorare l'efficienza sia nei settori del diporto che in quello delle imbarcazioni commerciali e da lavoro.**

*The constant research to offer you maximum innovation, has led us to create the IS range (Intercooler System). These generators are designed to improve efficiency in different sectors: pleasure, commercial and work boats.*

### IS STYLE

Le loro peculiarità sono il sistema di raffreddamento e la struttura degli antivibranti. Tali tecnologie le abbiamo progettate per offrirti il massimo dell'innovazione affiancandoti nel lavoro come nei momenti di svago.

### IS STYLE

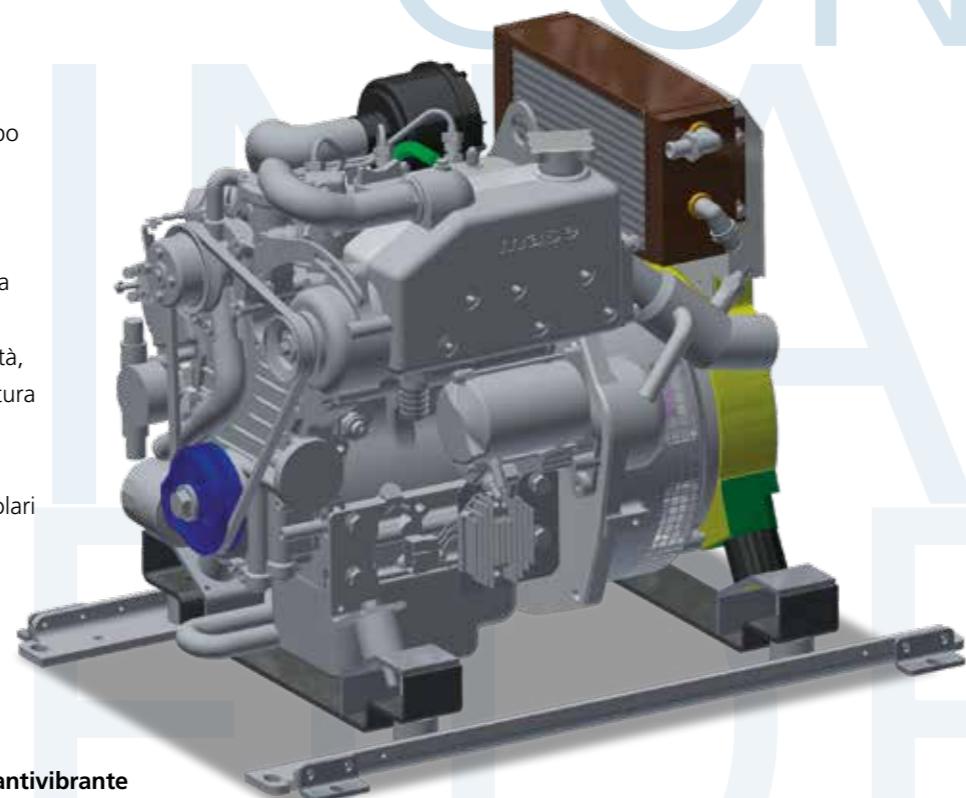
*Their peculiarities are the cooling system and the structure of the anti-vibration mounts. We have designed these technologies to offer you maximum innovation by supporting you in work as well as in moments of leisure.*

# Stability for your...

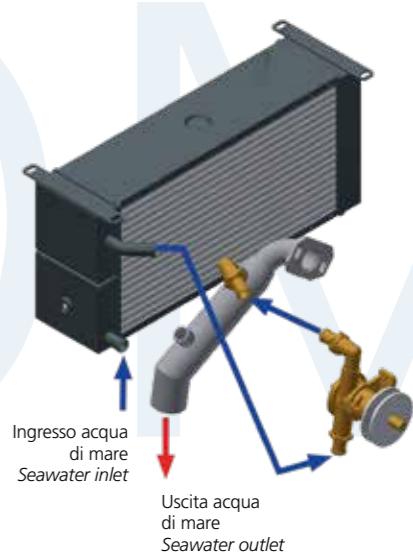
### CARATTERISTICHE TECNICHE

Nella gamma IS, il gruppo appoggia su 8 antivibranti. Doppio sistema, con il primo che riduce il livello di vibrazioni provenienti dal gruppo motore/alternatore verso il telaio e il secondo che assorbe le micro vibrazioni residue originate tra il telaio del generatore e l'imbarcazione. Il raffreddamento è a ciclo chiuso all'interno della cassa per mezzo di uno scambiatore acqua/aria. Questo consente di ridurre vibrazioni e rumorosità, garantendo ZERO derating fino ad una temperatura dell'acqua di mare pari a 31 gradi.

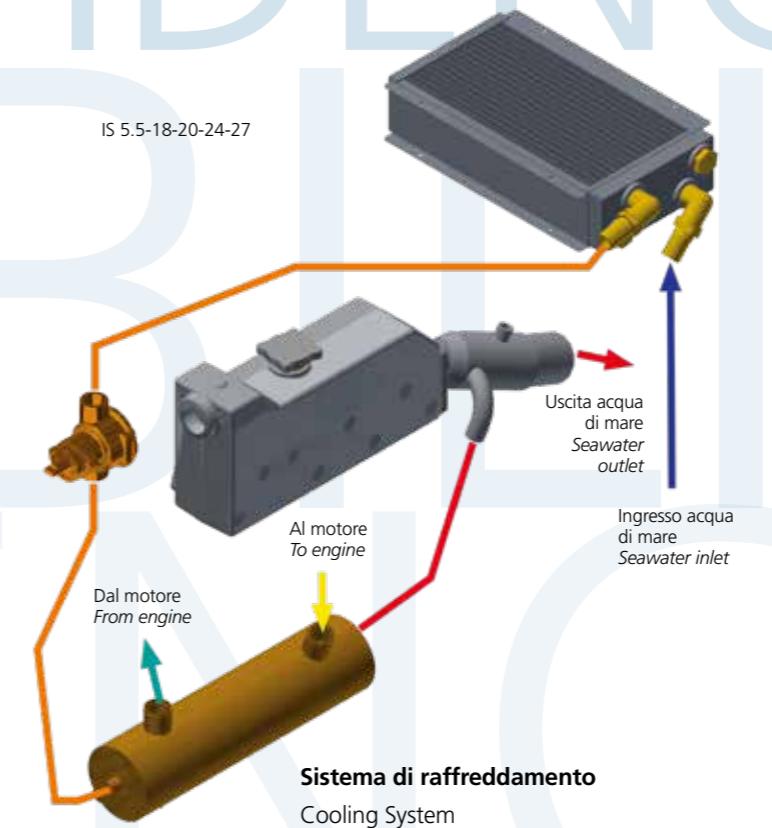
Nessuno scambio d'aria avviene con la sala macchine, quindi i gruppi non richiedono particolari volumi per la loro installazione.



**Tecnologia doppio sistema antivibrante**  
Double shock-absorber system technology



**Sistema di raffreddamento**  
Cooling System



**Sistema di raffreddamento**  
Cooling System

### TECHNICAL FEATURES

In the IS range, the unit rests on 8 anti-vibration mounts. Double system, with the first reducing the level of vibrations coming from the motor/alternator unit towards the frame and the second which absorbs the residual micro vibrations originated between the generator frame and the boat. The cooling is in a closed cycle inside the case by means of a water/air exchanger. This allows to reduce vibrations and noise, ensuring ZERO derating up to a sea water temperature of 31 degrees.

No air exchange takes place with the engine room, so the groups do not require particular volumes for their installation.

SILENZIATI  
3000 GIRI

1 FASE 50 HZ



IS 2.6



IS 3.5

SILENCED  
3000 RPM

1 PHASE 50 HZ



IS 6.1

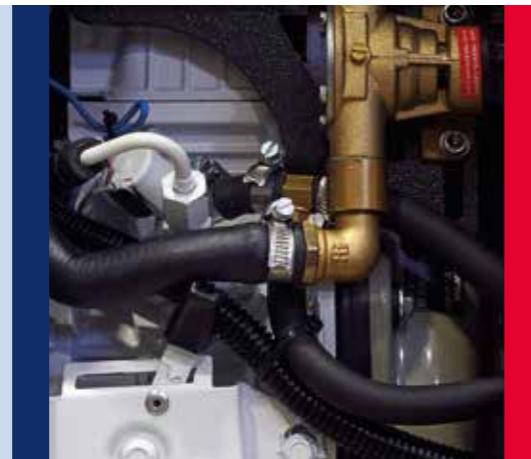


IS 9.1

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
1 PHASE					
115 or 230V	Hz		L	W	H
			Kg		
<b>IS 2.6</b>	2 KW	50	3000	500	380
<b>IS 3.5</b>	3 KW	50	3000	590	406
<b>IS 4.05I*</b>	4 KW	50	3000	593	446
<b>IS 5.0</b>	5 KW	50	3000	675	468
<b>IS 6.05I*</b>	6 KW	50	3200	675	468
<b>IS 6.1</b>	6,1 KW	50	3000	650	468
<b>IS 9.1</b>	8,6 KW	50	3000	730	468

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum	Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung
		c.c.	n°	hp		dBA @ 7mt
<b>IS 2.6</b>	DIRECT	INTERCOOLER W/A - WW	219	1	4,2	0,7
<b>IS 3.5</b>	DIRECT	INTERCOOLER W/A - WW	320	1	6,1	1,3
<b>IS 4.05I*</b>	DIRECT	INTERCOOLER W/A - WW	320	1	6,1	1,3
<b>IS 5.0</b>	DIRECT	INTERCOOLER W/A - WW	435	1	8,8	1,6
<b>IS 6.05I*</b>	DIRECT	INTERCOOLER W/A - WW	435	1	8,8	1,6
<b>IS 6.1</b>	INDIRECT	INTERCOOLER W/A - WW	479	2	11,1	2,6
<b>IS 9.1</b>	INDIRECT	INTERCOOLER W/A - WW	719	3	16,5	3,2

\* Con inverter - With inverter

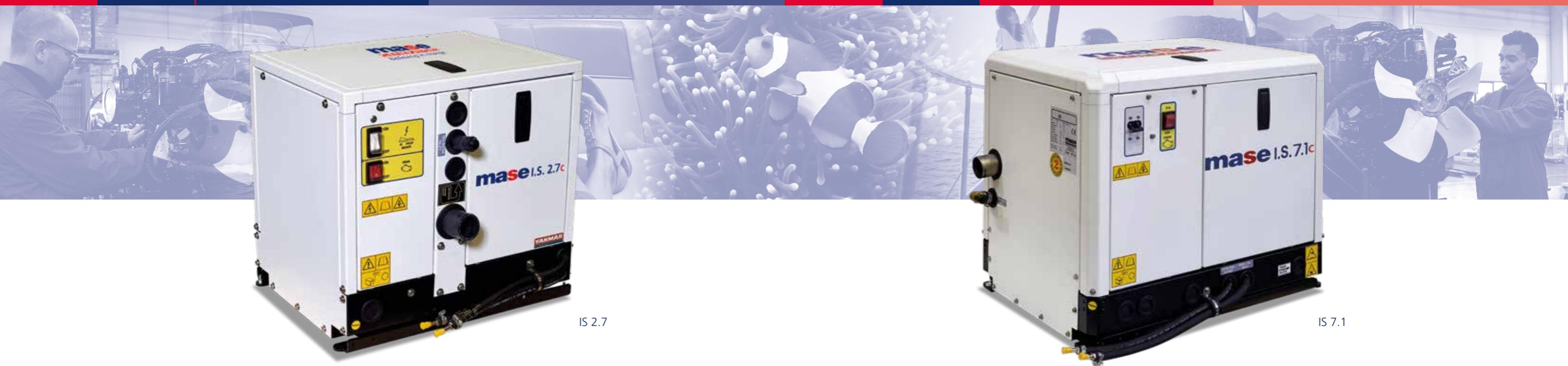


SILENZIATI  
3000-3300-3600 GIRI

1 FASE 60 HZ

SILENCED  
3000-3300-3600 RPM

1 PHASE 60 HZ



IS 2.7

IS 7.1

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA						
Maximum AC output Puissance CA maximale Potencia CA máxima Maximale Leistung AC	Rpm Tours/min Vueltas/min Drehzahl u/min	Sizes Dimensions Dimensiones Maße	Sizes Dimensions Dimensiones Maße	Weight Poids Peso Gewicht	Engine Moteur Motor	Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum	Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung									
1 PHASE	mm	mm		in		Kg	Lb							dBA							
120 or 240V	L W H	L W H	L W H	Kg Lb					c.c. cid n°		hp		lt/h gal/h	@ 7mt - 23 ft							
<b>IS 2.7</b>	2,2 KW	3600	500	380	465	19,7	15	18,3	80	176	YANMAR L48V	DIRECT	INTERCOOLER W/A - WW	219	13,3	1	4,7	MECHANICAL	0,8	0,2	56
<b>IS 4.04*</b>	3,2 KW	3600	590	406	515	23,2	16	20,2	96	212	YANMAR L70V	DIRECT	INTERCOOLER W/A - WW	320	19,5	1	6,7	MECHANICAL	1,3	0,3	56
<b>IS 4.06i**/**</b>	4 KW	3000	593	446	471	23,3	17,5	18,5	96	212	YANMAR L70W	DIRECT	INTERCOOLER W/A - WW	320	19,5	1	6,1	MECHANICAL	1,3	0,3	54
<b>IS 5.6*</b>	5,6 KW	3600	650	468	555	25,6	18,4	21,8	165	364	KUBOTA Z482	INDIRECT	INTERCOOLER W/A - WW	479	29,2	2	13,3	MECHANICAL	2,6	0,68	56
<b>IS 6.06i**/**</b>	6 KW	3200	675	468	565	26,5	18,4	22,2	130	287	YANMAR L100V	DIRECT	INTERCOOLER W/A - WW	435	26,5	1	8,8	MECHANICAL	1,65	0,4	54
<b>IS 7.1*</b>	7,1 KW	3600	650	468	555	25,6	18,4	21,8	165	364	KUBOTA Z482	INDIRECT	INTERCOOLER W/A - WW	479	29,2	2	13,3	MECHANICAL	2,7	0,7	56
<b>IS 9.6*</b>	9,6 KW	3600	730	468	555	28,7	18,4	21,8	195	430	KUBOTA D722	INDIRECT	INTERCOOLER W/A - WW	719	43,9	3	20	MECHANICAL	3,9	1	56

\* \*\* Con inverter - With inverter



SILENZIATI  
1500 GIRI

1 FASE 50 HZ



IS 16

SILENCED  
1500 RPM

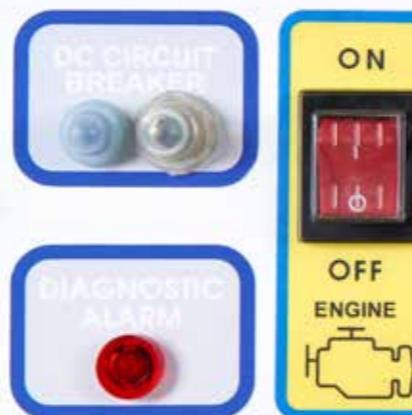
1 PHASE 50 HZ



IS 22 K

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
1 PHASE					
115 or 230V	Hz		L    W    H	Kg	
<b>IS 7</b>	7,5 KW	50	1500	760    530    625	230 YANMAR 3TNV80F
<b>IS 8.05</b>	8 KW	50	1500	837    568    688	295 YANMAR 3TNV80F
<b>IS 8.5 K</b>	7 KW	50	1500	800    514    647,5	230 KUBOTA D1105
<b>IS 9.5 K</b>	8 KW	50	1500	837    568    688	288 KUBOTA D1105
<b>IS 11.5 K</b>	11 KW	50	1500	975    571,4    610	310 KUBOTA V1505
<b>IS 12</b>	11,2 KW	50	1500	985    585    730	375 YANMAR 3TNV88
<b>IS 16</b>	15,3 KW	50	1500	1115    585    730	430 YANMAR 4TNV88
<b>IS 22 K</b>	22 KW	50	1500	1115    585    730	475 KUBOTA V2403
<b>IS 24</b>	26 KW	50	1500	1225    630    830	625 YANMAR 4TNV98
<b>IS 24 K</b>	24 KW	50	1500	1260    640    826	630 KUBOTA V3300
<b>IS 27</b>	29 KW	50	1500	1225    630    830	625 YANMAR 4TNV98
<b>IS 27 K</b>	27 KW	50	1500	1260    640    826	630 KUBOTA V3300

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum	Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung
		c.c.	n°	hp		dBA @ 7mt
<b>IS 7</b>	DIRECT	INTERCOOLER W/A - WW	1267	3	12,74	MECHANICAL
<b>IS 8.05</b>	DIRECT	INTERCOOLER W/A - WW	1267	3	12,74	MECHANICAL
<b>IS 8.5 K</b>	DIRECT	INTERCOOLER W/A - WW	1123	3	12,74	MECHANICAL
<b>IS 9.5 K</b>	DIRECT	INTERCOOLER W/A - WW	1123	3	12,74	MECHANICAL
<b>IS 11.5 K</b>	DIRECT	INTERCOOLER W/A - WW	1498	4	16,8	MECHANICAL
<b>IS 12</b>	DIRECT	INTERCOOLER W/A - WW	1642	3	18,4	MECHANICAL
<b>IS 16</b>	DIRECT	INTERCOOLER W/A - WW	2190	4	24,5	MECHANICAL
<b>IS 22 K</b>	INDIRECT	INTERCOOLER W/A - WW	2434	4	29,5	ELECTRONIC
<b>IS 24</b>	DIRECT	INTERCOOLER W/A - WW	3319	4	47	MECHANICAL
<b>IS 24 K</b>	INDIRECT	INTERCOOLER W/A - WW	3318	4	38,8	ELECTRONIC
<b>IS 27</b>	DIRECT	INTERCOOLER W/A - WW	3319	4	47	MECHANICAL
<b>IS 27 K</b>	INDIRECT	INTERCOOLER W/A - WW	3318	4	38,8	ELECTRONIC



SILENZIATI  
1800 GIRI

1 FASE 60 HZ

SILENCED  
1800 RPM

1 PHASE 60 HZ



IS 24.6 K

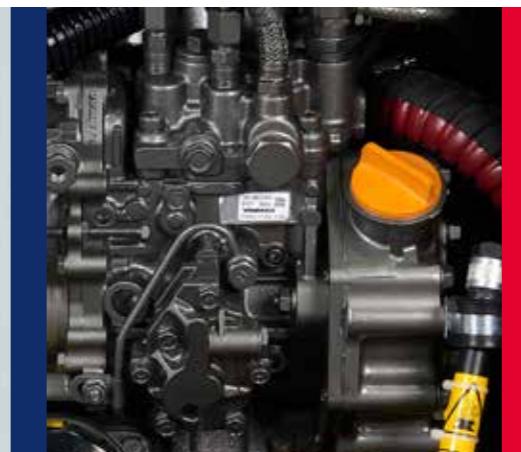


IS 31

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO		MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA		
Maximum AC output	Rpm	Sizes			Dimensions			Weight		Engine	Injection system	Cooling system	Displacement			Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power		
Puissance CA maximale	Tours/min	Dimensions			Dimensions			Poids		Moteur	Système d'injection	Refroidissement	Cylindrée			Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique		
Potencia CA máxima	Vueltas/min	Dimensions			Dimensions			Peso		Motor	Inyección	Refrigeración	Desplazamiento			Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica		
Maximale Leistung AC	Drehzahl u/min	Maße			Maße			Gewicht		Motor	Injection	Kühlung	Hubraum			Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung		
1 PHASE		mm			in													dBA			
120 or 240V		L	W	H	L	W	H	Kg	Lb				c.c.	cid	n°	hp			lt/h	gal/h	@ 7mt - 23 ft
<b>IS 8.1*</b>	8,8 KW	1800	760	530	625	30	20,8	24,6	230	507	YANMAR 3TNV80F	DIRECT	INTERCOOLER W/A - WW	1267	77,3	3	14,35	MECHANICAL	2,6	0,7	51
<b>IS 9.06*</b>	9 KW	1800	837	568	688	33	22,3	27	295	650	YANMAR 3TNV80F	DIRECT	INTERCOOLER W/A - WW	1267	77,3	3	14,35	MECHANICAL	3,1	0,8	51
<b>IS 9.6 K*</b>	8,8 KW	1800	800	514	647,5	31,5	20,2	25,5	230	507	KUBOTA D1105	DIRECT	INTERCOOLER W/A - WW	1123	68,5	3	15,4	MECHANICAL	3,1	0,8	51
<b>IS 10.6 K*</b>	9,9 KW	1800	837	568	688	33	22,3	27	288	635	KUBOTA D1105	DIRECT	INTERCOOLER W/A - WW	1123	68,5	3	15,4	MECHANICAL	3,1	0,8	51
<b>IS 13.6 K*</b>	13 KW	1800	975	571,4	610	38,4	22,5	24	310	683	KUBOTA V1505	DIRECT	INTERCOOLER W/A - WW	1498	91,4	4	20,2	MECHANICAL	5	1,3	50
<b>IS 14.6*</b>	13,5 KW	1800	985	585	730	38,7	23	28,7	344	758	YANMAR 3TNV88	DIRECT	INTERCOOLER W/A - WW	1642	100,8	3	20,4	MECHANICAL	4	1	52
<b>IS 19</b>	18,4 KW	1800	1115	585	730	44	23	28,7	430	948	YANMAR 4TNV88	DIRECT	INTERCOOLER W/A - WW	2190	133,6	4	29,4	MECHANICAL	6,2	1,6	52
<b>IS 24.6 K*</b>	24 KW	1800	1115	585	730	44	23	28,7	475	1047	KUBOTA V2403	INDIRECT	INTERCOOLER W/A - WW	2434	148,5	4	39,8	ELECTRONIC	6,5	1,7	49
<b>IS 28</b>	30 KW	1800	1225	630	830	48,2	24,8	32,7	625	1378	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	202,5	4	56	MECHANICAL	8,9	2,3	53
<b>IS 28.06 K**/***</b>	27 KW	1800	1260	640	826	49,6	25,2	32,5	630	1389	KUBOTA V3300	INDIRECT	INTERCOOLER W/A - WW	3318	202,4	4	47,3	ELECTRONIC	13	3,4	54
<b>IS 31</b>	34 KW	1800	1225	630	830	48,2	24,8	32,7	625	1378	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	202,5	4	56	MECHANICAL	12,4	3,3	53
<b>IS 34.06 K***</b>	30 KW	1800	1260	640	826	49,6	25,2	32,5	630	1389	KUBOTA V3300	INDIRECT	INTERCOOLER W/A - WW	3318	202,4	4	47,3	ELECTRONIC	13	3,4	54

\* EPA

\*\* Tier 3 Marine



SILENZIATI  
1500 GIRI

3 FASE 50 HZ



IS 20 T

SILENCED  
1500 RPM

3 PHASE 50 HZ



IS 34 T

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Frequence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
3 PHASE			L	W	H
400V	Hz		Kg		

	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA									
Maximum AC output	Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum	Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung									
Puissance CA maximale			c.c.	n°	hp											
Potencia CA máxima						dBA @ 7mt										
Maximale Leistung AC																
<b>IS 10,5 T</b>	10 KVA	50	1500	837	568	688	295	YANMAR 3TNV80F	DIRECT	INTERCOOLER W/A - WW	1267	3	12,74	MECHANICAL	2,9	49
<b>IS 14,5 T</b>	14,1 KVA	50	1500	985	585	730	375	YANMAR 3TNV88	DIRECT	INTERCOOLER W/A - WW	1642	3	18,4	MECHANICAL	4	50
<b>IS 20 T</b>	19,2 KVA	50	1500	1115	585	730	430	YANMAR 4TNV88	DIRECT	INTERCOOLER W/A - WW	2190	4	24,5	MECHANICAL	5,6	50
<b>IS 25 T</b>	28 KVA	50	1500	1225	630	830	625	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	4	47	MECHANICAL	8,5	52
<b>IS 30,5 KT</b>	27,5 KVA	50	1500	1115	585	730	475	KUBOTA V2403	INDIRECT	INTERCOOLER W/A - WW	2434	4	29,5	ELECTRONIC	6,1	47
<b>IS 30 T</b>	31 KVA	50	1500	1225	630	830	625	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	4	47	MECHANICAL	8,9	52
<b>IS 34 T</b>	36,2 KVA	50	1500	1225	630	830	625	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	4	47	MECHANICAL	10,8	52
<b>IS 37,05 KT</b>	32,5 KVA	50	1500	1260	640	830	630	KUBOTA V3300	INDIRECT	INTERCOOLER W/A - WW	3318	4	47	ELECTRONIC	11	52
<b>IS 42,05 KT</b>	36,2 KVA	50	1500	1260	640	830	630	KUBOTA V3300	INDIRECT	INTERCOOLER W/A - WW	3318	4	47	ELECTRONIC	11	52

## CBU Evo



SILENZIATI  
1800 GIRI

3 FASE 60 HZ



IS 23 T

SILENCED  
1800 RPM

3 PHASE 60 HZ

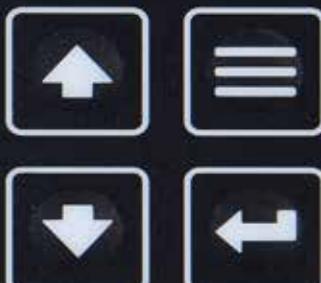


IS 42 T

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE													
Maximum AC output	Rpm	Sizes		Dimensions		Weight		Engine													
Puissance CA maximale	Tours/min	Dimensions		Dimensions		Poids		Moteur													
Potencia CA máxima	Vueltas/min	Dimensions		Dimensions		Peso		Motor													
Maximale Leistung AC	Drehzahl u/min	Dimensions		Dimensions		Gewicht		Motor													
3 PHASE		mm		in																	
240-480V		L	W	H	L	W	H	Kg	Lb	dBA											
<b>IS 11.6 T*</b>	11,5 KVA	1800	837	568	688	33	22,3	27	295	650	YANMAR 3TNV80F	DIRECT	INTERCOOLER W/A - WW	1267	77,3	3	14,35	MECHANICAL	3,1	0,8	51
<b>IS 16.8 T*</b>	16,8 KVA	1800	985	585	730	38,7	23	28,7	344	758	YANMAR 3TNV88F	DIRECT	INTERCOOLER W/A - WW	1642	100,8	3	20,4	MECHANICAL	4	1	51
<b>IS 23 T</b>	23 KVA	1800	1115	585	730	44	23	28,7	430	948	YANMAR 4TNV88	DIRECT	INTERCOOLER W/A - WW	2190	133,6	4	29,4	MECHANICAL	6,2	1,6	52
<b>IS 29 T</b>	29 KVA	1800	1225	630	830	48,2	24,8	32,7	625	1378	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	202,5	4	56	MECHANICAL	10,4	2,7	56
<b>IS 30.6 KT*</b>	30 KVA	1800	1115	585	730	44	23	28,7	475	1047	KUBOTA V2403	INDIRECT	INTERCOOLER W/A - WW	2434	148,5	4	39,8	ELECTRONIC	6,5	1,7	49
<b>IS 36 T</b>	37,5 KVA	1800	1225	630	830	48,2	24,8	32,7	625	1378	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	202,5	4	56	MECHANICAL	11,4	3	56
<b>IS 37.06 KT*</b>	37,5 KVA	1800	1260	640	830	49,6	25,2	32,7	630	1389	KUBOTA V3300	INDIRECT	INTERCOOLER W/A - WW	3318	202,4	4	47,3	ELECTRONIC	13	3,4	54
<b>IS 42 T</b>	42,5 KVA	1800	1225	630	830	48,2	24,8	32,7	625	1378	YANMAR 4TNV98	DIRECT	INTERCOOLER W/A - WW	3319	202,5	4	56	MECHANICAL	12,4	3,3	56
<b>IS 42.06 KT*</b>	42,5 KVA	1800	1260	640	830	49,6	25,2	32,7	630	1389	KUBOTA V3300	INDIRECT	INTERCOOLER W/A - WW	3318	202,4	4	47,3	ELECTRONIC	13	3,4	54

\*

**mase**  
GENERATORS



# Generatori MARINER

Mariner Generators

Per noi innovazione significa offrirti un'ampia gamma di generatori tra i quali scegliere, per soddisfare le tue singole esigenze. Per questo la serie Mariner è ideale per essere impiegata nelle imbarcazioni da diporto, oppure commerciali a tutti i livelli.

*For us, innovation means offering you a wide range of generators to choose from, to meet your individual needs. This is why the Mariner series is ideal for use in pleasure or commercial boats at all levels.*

## MARINER STYLE

La serie Mariner si distingue per il sistema di raffreddamento e per la struttura degli antivibranti. Questo ti consente di usufruire di un prodotto di alta qualità che migliorerà le prestazioni della tua barca.

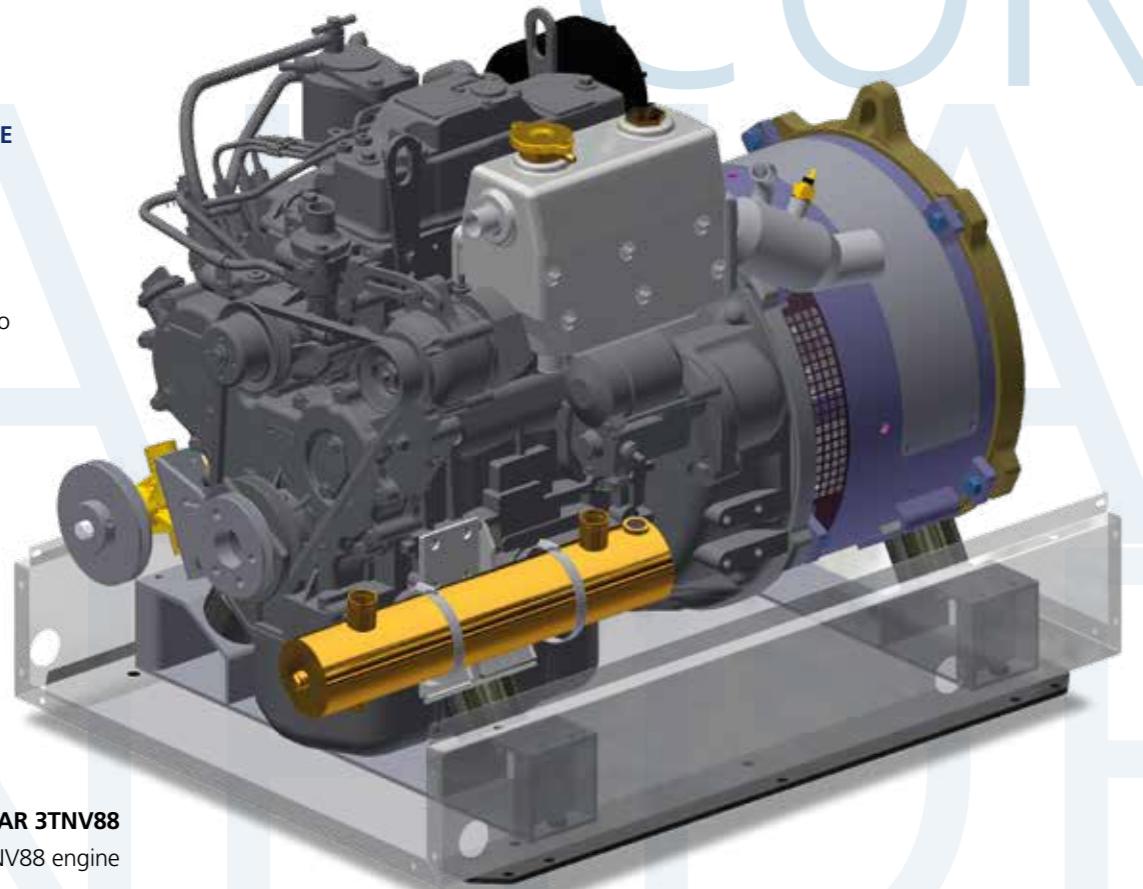
## MARINER STYLE

*The Mariner series stands out for its cooling system and for the structure of the anti-vibration mounts. This allows you to take advantage of a high quality product that will improve the performance of your boat.*

# Quality for your...

## CARATTERISTICHE TECNICHE

Nella serie Mariner il gruppo appoggia su quattro antivibranti, mentre l'alternatore e l'interno cassa vengono raffreddati attraverso uno scambio termico con la sala macchine.



**Motore YANMAR 3TNV88**

YANMAR 3TNV88 engine



## TECHNICAL FEATURES

*In the Mariner series, the unit rests on four anti-vibration mounts, while the alternator and the internal casing are cooled through a heat exchange with the engine room.*



MARINER 550



MARINER 610

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine	Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Puissance CA maximale	Frequence	Tours/min	Dimensions	Poids	Moteur	Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor	Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor	Indiektion	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
1 PHASE												
115 or 230V	Hz		L	W	H	Kg		c.c.	n°	hp		dBA @ 7mt
<b>MARINER 550</b>	5,5 KW	50	3000	674	475	551	125	KUBOTA Z482	INDIRECT	W/W	479	2
<b>MARINER 610</b>	6,1 KW	50	3000	674	475	551	125	KUBOTA Z482	INDIRECT	W/W	479	2
<b>MARINER 910</b>	8,6 KW	50	3000	728	527	549	135	KUBOTA D722	INDIRECT	W/W	719	3



DETTAGLI - DETAILS



DETTAGLI - DETAILS



MARINER 560



MARINER 710

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA			
Maximum AC output	Rpm	Sizes			Sizes			Weight	Engine	Injection system	Cooling system	Displacement			Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power			
Puissance CA maximale	Tours/min	Dimensions			Dimensions			Poids	Moteur	Système d'injection	Refroidissement	Cylindrée			Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique			
Potencia CA máxima	Vueltas/min	Dimensiones			Dimensiones			Peso	Motor	Inyección	Refrigeración	Desplazamiento			Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica			
Maximale Leistung AC	Drehzahl u/min	Maße			Maße			Gewicht	Motor	Injection	Kühlung	Hubraum			Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung			
1 PHASE		mm			in													dBA			
120 or 240V		L	W	H	L	W	H	Kg	Lb			c.c.	cid	n°	hp		lt/h	gal/h	@ 7mt - 23 ft		
<b>MARINER 560</b>	5,5 KW	3600	674	475	551	26,5	18,7	21,7	125	275	KUBOTA Z482	INDIRECT	W/W	479	29,2	2	13,3	MECHANICAL	2,7	0,7	-
<b>MARINER 710</b>	7,1 KW	3600	674	475	551	26,5	18,7	21,7	125	275	KUBOTA Z482	INDIRECT	W/W	479	29,2	2	13,3	MECHANICAL	2,7	0,7	-
<b>MARINER 960</b>	9,6 KW	3600	728	527	549	28,6	20,7	21,6	135	298	KUBOTA D722	INDIRECT	W/W	719	43,8	3	20	MECHANICAL	3,9	1	-

EPA

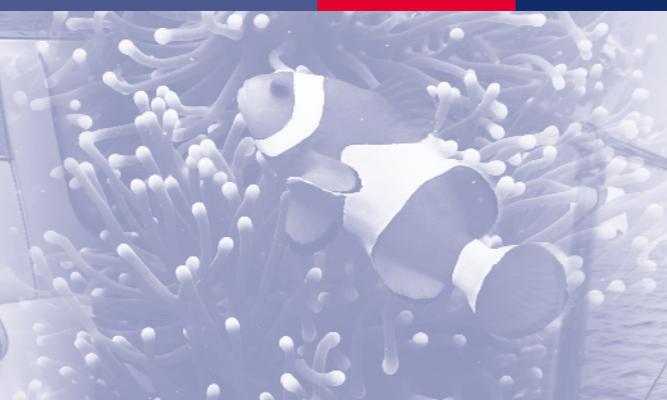


SILENZIATI  
3000 GIRI

1 FASE 50 HZ



MARINER 550 S



SILENCED  
3000 RPM

1 PHASE 50 HZ



MARINER 610 S



POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
1 PHASE					
115 or 230V	Hz		L	W	H
			655	473	551
<b>MARINER 550 S</b>	5,5 KW	50	3000	655	473
<b>MARINER 610 S</b>	6,1 KW	50	3000	655	473
<b>MARINER 910 S</b>	8,6 KW	50	3000	730	468
			155	551	155
					KUBOTA Z482

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Indiektion	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
		c.c.	n°	hp		dBA @ 7mt
		479	2	11,1		
		479	2	11,1		
		719	3	16,6		



SILENZIATI  
3600 GIRI

1 FASE 60 HZ



MARINER 560 S



SILENCED  
3600 RPM

1 PHASE 60 HZ



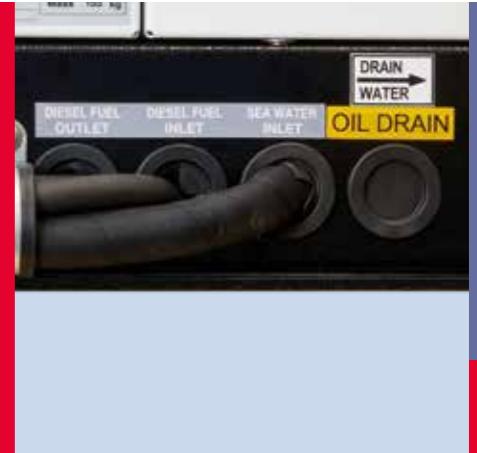
MARINER 710 S



POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO	MOTORE		
Maximum AC output	Rpm	Sizes			Sizes			Weight	Engine		
Puissance CA maximale	Tours/min	Dimensions			Dimensions			Poids	Moteur		
Potencia CA máxima	Vueltas/min	Dimensiones			Dimensiones			Peso	Motor		
Maximale Leistung AC	Drehzahl u/min	Maße			Maße			Gewicht	Motor		
1 PHASE		mm			in						
120 or 240V		L	W	H	L	W	H	Kg	Lb		
<b>MARINER 560 S</b>	5,5 KW	3600	655	473	551	25,8	18,6	21,7	155	342	KUBOTA Z482
<b>MARINER 710 S</b>	7,1 KW	3600	655	473	551	25,8	18,6	21,7	155	342	KUBOTA Z482
<b>MARINER 960 S</b>	9,6 KW	3600	730	468	555	28,7	18,4	21,8	185	408	KUBOTA D722



INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement			Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Système d'injection	Refroidissement	Cylindrée			Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Inyección	Refrigeración	Desplazamiento			Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Injection	Kühlung	Hubraum			Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
		c.c.	cid	n°	hp		lt/h	gal/h
		479	29,2	2	13,3	MECHANICAL	2,7	0,7
		479	29,2	2	13,3	MECHANICAL	2,7	0,7
		719	43,8	3	20	MECHANICAL	3,9	1



VERSIONE APERTA  
1500 GIRI

1 FASE 50 HZ

OPEN VERSION  
1500 RPM

1 PHASE 50 HZ



POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA				
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine	Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power				
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur	Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique				
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor	Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica				
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor	Indektion	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung				
1 PHASE																
115 or 230V	Hz	L	W	H	Kg			c.c.	n°	hp		dBA @ 7mt				
<b>MARINER 700</b>	7,5 KW	50	1500	719	492	596	190	YANMAR 3TNV80F	DIRECT	W/W	1267	3	12,74	MECHANICAL	2,3	-
<b>MARINER 805</b>	8 KW	50	1500	764	520	626	255	YANMAR 3TNV80F	DIRECT	W/W	1267	3	12,74	MECHANICAL	2,9	-
<b>MARINER 950 K</b>	8 KW	50	1500	764	520	626	288	KUBOTA D1105	DIRECT	W/W	1123	3	12,74	MECHANICAL	2,9	-
<b>MARINER 1200</b>	11,2 KW	50	1500	875	570	664	294	YANMAR 3TNV88	DIRECT	W/W	1642	3	18,4	MECHANICAL	4	-
<b>MARINER 1600</b>	15,3 KW	50	1500	1000	570	670	395	YANMAR 4TNV88	DIRECT	W/W	2190	4	24,5	MECHANICAL	5,6	-
<b>MARINER 2200 K</b>	22 KW	50	1500	1000	570	670	435	KUBOTA V2403	INDIRECT	W/W	2434	4	29,5	ELECTRONIC	6,1	-
<b>MARINER 2400</b>	26 KW	50	1500	1202	590	753	565	YANMAR 4TNV98	DIRECT	W/W	3319	4	42	MECHANICAL	8,9	-
<b>MARINER 2400 K</b>	24 KW	50	1500	1250	630	820	620	KUBOTA V3300	INDIRECT	W/W	3318	4	38,8	ELECTRONIC	11	-
<b>MARINER 2700</b>	29 KW	50	1500	1202	590	753	565	YANMAR 4TNV98	DIRECT	W/W	3319	4	47	MECHANICAL	10,8	-
<b>MARINER 2700 K</b>	27 KW	50	1500	1250	630	820	620	KUBOTA V3300	INDIRECT	W/W	3318	4	38,8	ELECTRONIC	11	-

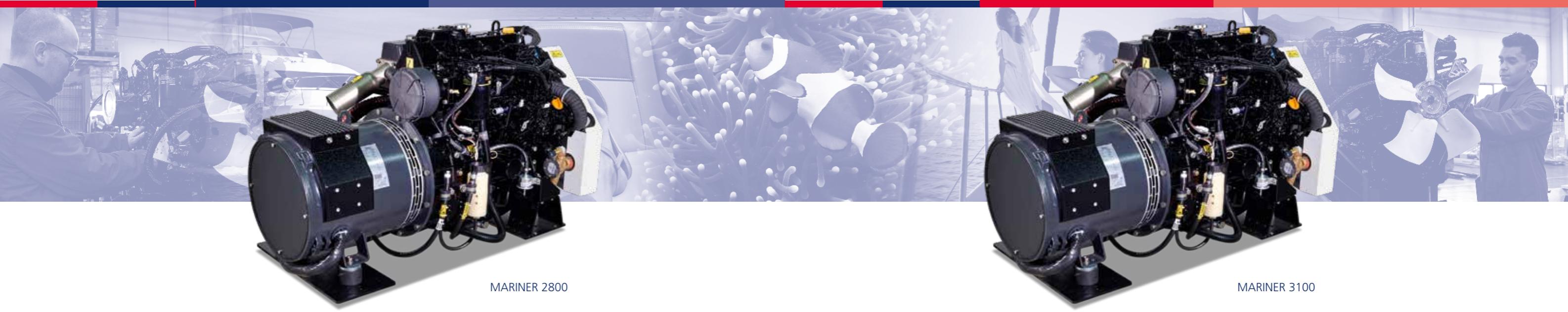


VERSIONE APERTA  
1800 GIRI

1 FASE 60 HZ

OPEN VERSION  
1800 RPM

1 PHASE 60 HZ

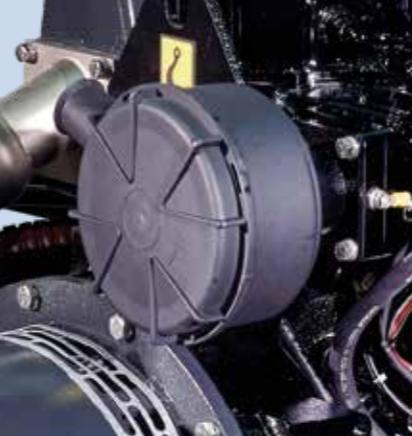


MARINER 2800

MARINER 3100

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO	MOTORE												
Maximum AC output	Rpm	Sizes			Sizes			Weight	Engine												
Puissance CA maximale	Tours/min	Dimensions			Dimensions			Poids	Moteur												
Potencia CA máxima	Vueltas/min	Dimensiones			Dimensiones			Peso	Motor												
Maximale Leistung AC	Drehzahl u/min	Maße			Maße			Gewicht	Motor												
1 PHASE		mm			in																
120 or 240V		L	W	H	L	W	H	Kg	Lb												
<b>MARINER 810*</b>	8,8 KW	1800	719	492	596	28,3	19,4	23,4	190	419	YANMAR 3TNV80F	DIRECT	W/W	1267	77,3	3	14,35	MECHANICAL	2,6	0,7	-
<b>MARINER 906*</b>	9 KW	1800	764	520	626	30	20,5	24,6	200	441	YANMAR 3TNV80F	DIRECT	W/W	1267	77,3	3	14,35	MECHANICAL	3,1	0,8	-
<b>MARINER 1060K*</b>	9,9 KW	1800	764	520	626	30	20,5	24,6	288	635	KUBOTA D1105	DIRECT	W/W	1123	68,5	3	15,4	MECHANICAL	3,1	0,8	-
<b>MARINER 1460*</b>	13,5 KW	1800	875	570	664	34,4	22,4	26	294	648	YANMAR 3TNV88	DIRECT	W/W	1642	100	3	20,4	MECHANICAL	4	1	-
<b>MARINER 1900</b>	18,4 KW	1800	1000	570	670	39,4	22,4	26,4	395	871	YANMAR 4TNV88	DIRECT	W/W	2190	133,6	4	29,4	MECHANICAL	6,2	1,6	-
<b>MARINER 2460 K*</b>	24 KW	1800	1000	570	670	39,4	22,4	26,4	435	959	KUBOTA V2403	INDIRECT	W/W	2434	148,5	4	39,8	ELECTRONIC	6,5	1,7	-
<b>MARINER 2800</b>	30 KW	1800	1202	590	753	47,3	23,2	29,6	565	1245	YANMAR 4TNV98	DIRECT	W/W	3319	202,5	4	56	MECHANICAL	8,9	2,3	-
<b>MARINER 2806 K*</b>	27 KW	1800	1250	630	820	49,2	24,8	32,3	620	1367	KUBOTA V3300	INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	-
<b>MARINER 3100</b>	34 KW	1800	1202	590	753	47,3	23,2	29,6	565	1245	YANMAR 4TNV98	DIRECT	W/W	3319	202,5	4	56	MECHANICAL	12,4	3,3	-
<b>MARINER 3406 K*</b>	30 KW	1800	1250	630	820	49,2	24,8	32,3	620	1367	KUBOTA V3300	INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	-

\*



SILENZIATI  
1500 GIRI

1 FASE 50 HZ



MARINER 805 S

SILENCED  
1500 RPM

1 PHASE 50 HZ



MARINER 2400 S

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine	Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur	Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor	Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor	Injection	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
1 PHASE												
115 or 230V	Hz		L	W	H	Kg		c.c.	n°	hp		dBA @ 7mt
<b>MARINER 700 S</b>	7,5 KW	50	1500	868	540	618	230	YANMAR 3TNV80F	DIRECT	W/W	1267	3
<b>MARINER 805 S</b>	8 KW	50	1500	921	581	656	295	YANMAR 3TNV80F	DIRECT	W/W	1267	3
<b>MARINER 850 KS</b>	7 KW	50	1500	921	581	656	230	KUBOTA D1105	DIRECT	W/W	1123	3
<b>MARINER 950 KS</b>	8 KW	50	1500	921	581	656	288	KUBOTA D1105	DIRECT	W/W	1123	3
<b>MARINER 1200 S</b>	11,2 KW	50	1500	1040	631	694	344	YANMAR 3TNV88	DIRECT	W/W	1642	3
<b>MARINER 1600 S</b>	15,3 KW	50	1500	1135	631	694	400	YANMAR 4TNV88	DIRECT	W/W	2190	4
<b>MARINER 2200 KS</b>	22 KW	50	1500	1135	631	694	465	KUBOTA V2403	INDIRECT	W/W	2434	4
<b>MARINER 2400 S</b>	26 KW	50	1500	1295	630	810	595	YANMAR 4TNV98	DIRECT	W/W	3319	4
<b>MARINER 2400 KS</b>	24 KW	50	1500	1260	640	826	630	KUBOTA V3300	INDIRECT	W/W	3318	4
<b>MARINER 2700 S</b>	29 KW	50	1500	1295	630	810	595	YANMAR 4TNV98	DIRECT	W/W	3319	4
<b>MARINER 2700 KS</b>	27 KW	50	1500	1260	640	826	630	KUBOTA V3300	INDIRECT	W/W	3318	4



SILENZIATI  
1800 GIRI

1 FASE 60 HZ

SILENCED  
1800 RPM

1 PHASE 60 HZ



MARINER 906 S

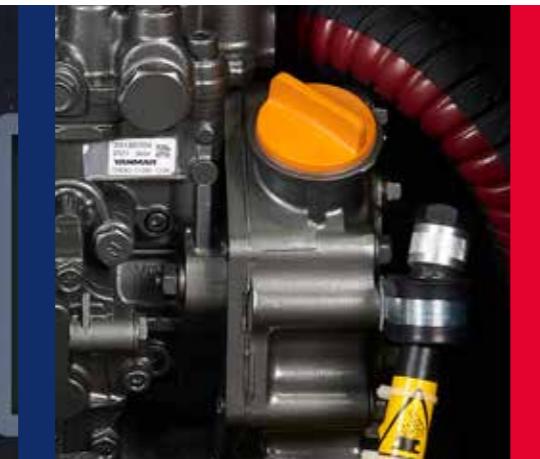


MARINER 2800 S

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO	MOTORE													
Maximum AC output	Rpm	Sizes			Sizes			Weight	Engine													
Puissance CA maximale	Tours/min	Dimensions			Dimensions			Poids	Moteur													
Potencia CA máxima	Vueltas/min	Dimensiones			Dimensiones			Peso	Motor													
Maximale Leistung AC	Drehzahl u/min	Maße			Maße			Gewicht	Motor													
1 PHASE		mm			in																	
120 or 240V		L	W	H	L	W	H	Kg	Lb													
<b>MARINER 810 S*</b>	8,8 KW	1800	868	540	618	34,2	21,2	24,3	230	507	YANMAR 3TNV80F		DIRECT	W/W	1267	77,3	3	14,35	MECHANICAL	2,6	0,7	53
<b>MARINER 906 S*</b>	9 KW	1800	921	581	656	36,2	22,9	25,8	295	650	YANMAR 3TNV80F		DIRECT	W/W	1267	77,3	3	14,35	MECHANICAL	3,1	0,8	53
<b>MARINER 960 KS*</b>	8,8 KW	1800	921	581	656	36,2	22,9	25,8	230	507	KUBOTA D1105		DIRECT	W/W	1123	68,5	3	15,4	MECHANICAL	3,1	0,8	51
<b>MARINER 1060 KS*</b>	9,9 KW	1800	921	581	656	36,2	22,9	25,8	288	635	KUBOTA D1105		DIRECT	W/W	1123	68,5	3	15,4	MECHANICAL	3,1	0,8	51
<b>MARINER 1460 S*</b>	13,5 KW	1800	1040	631	694	40,9	24,8	27,3	344	758	YANMAR 3TNV88		DIRECT	W/W	1642	100	3	20,4	MECHANICAL	4	1	54
<b>MARINER 1900 S</b>	18,4 KW	1800	1135	631	694	44,7	24,8	27,3	400	882	YANMAR 4TNV88		DIRECT	W/W	2190	133,6	4	29,4	MECHANICAL	6,2	1,6	54
<b>MARINER 2460 KS*</b>	24 KW	1800	1135	631	694	44,7	24,8	27,3	465	1025	KUBOTA V2403		INDIRECT	W/W	2434	148,5	4	39,8	ELECTRONIC	6,5	1,7	51
<b>MARINER 2800 S</b>	30 KW	1800	1295	630	810	51	24,8	31,9	595	1312	YANMAR 4TNV98		DIRECT	W/W	3319	202,5	4	56	MECHANICAL	8,9	2,3	56
<b>MARINER 2806 KS*</b>	30 KW	1800	1260	640	826	51,6	25,2	32,5	630	1389	KUBOTA V3300		INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	56
<b>MARINER 3100 S</b>	34 KW	1800	1295	630	810	51	24,8	31,9	595	1312	YANMAR 4TNV98		DIRECT	W/W	3319	202,5	4	56	MECHANICAL	12,4	3,3	56
<b>MARINER 3406 KS*</b>	34 KW	1800	1260	640	826	51,6	25,2	32,5	630	1389	KUBOTA V3300		INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	56

\* EPA

### CBU Evo



VERSIONE APERTA  
1500 GIRI

3 FASE 50 HZ

OPEN VERSION  
1500 RPM

3 PHASE 50 HZ



MARINER 2500 T



MARINER 3400 T

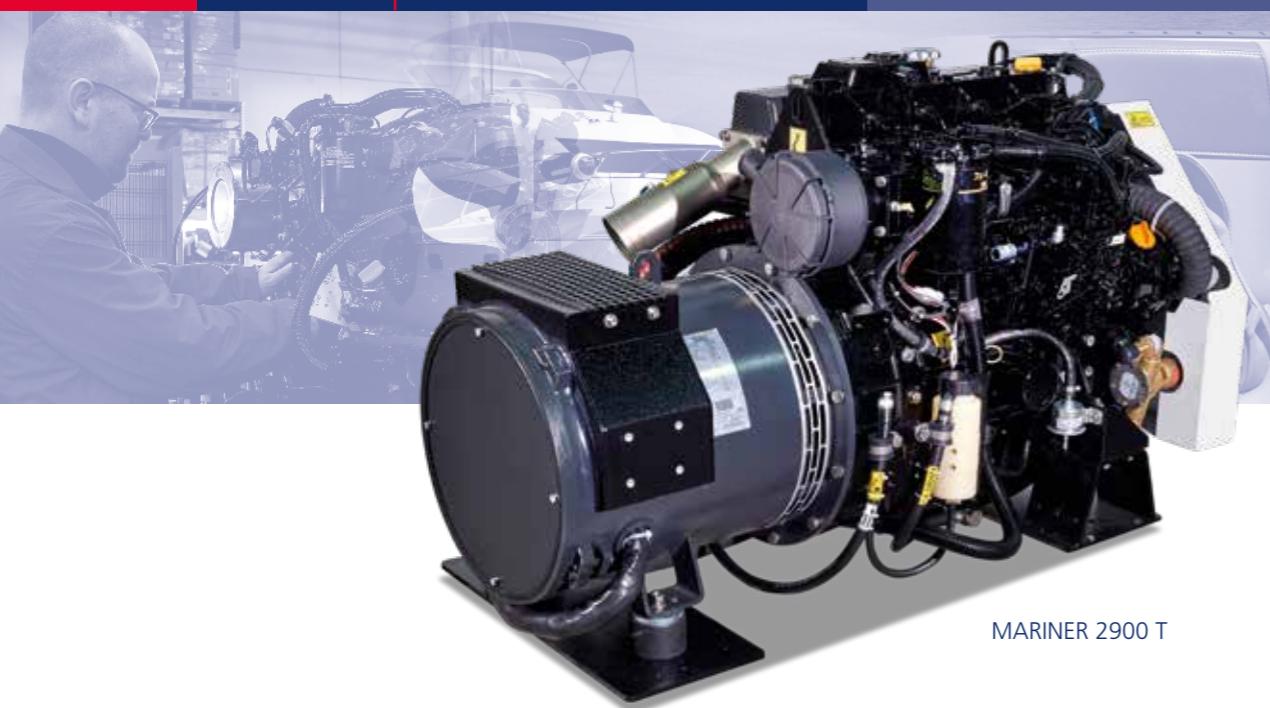
POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
3 PHASE			L	W	H
			400V	Hz	Kg

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum	Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung
		c.c.	n°	hp		dBA @ 7mt
DIRECT	W/W	1267	3	12,74	MECHANICAL	2,9
DIRECT	W/W	1642	3	18,4	MECHANICAL	4
DIRECT	W/W	2190	4	24,5	MECHANICAL	5,6
DIRECT	W/W	3319	4	39	MECHANICAL	8,5
DIRECT	W/W	3319	4	40	MECHANICAL	8,9
INDIRECT	W/W	2434	4	29,5	ELECTRONIC	6,1
DIRECT	W/W	3319	4	47	MECHANICAL	10,8
INDIRECT	W/W	3318	4	47	ELECTRONIC	11
INDIRECT	W/W	3318	4	47	ELECTRONIC	11



VERSIONE APERTA  
1800 GIRI

3 FASE 60 HZ



MARINER 2900 T

OPEN VERSION  
1800 RPM

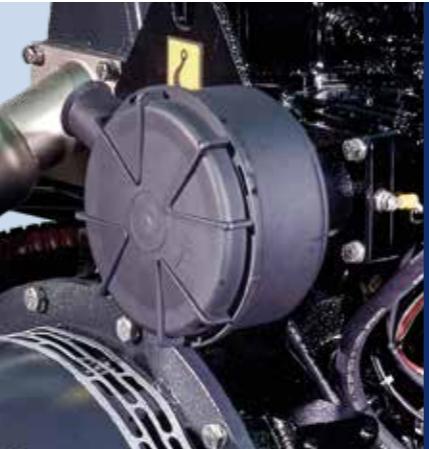
3 PHASE 60 HZ



MARINER 4200 T

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA						
Maximum AC output	Rpm	Sizes		Sizes		Weight		Engine	Injection system	Cooling system	Displacement			Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power						
Puissance CA maximale	Tours/min	Dimensions		Dimensions		Poids		Moteur	Système d'injection	Refroidissement	Cylindrée			Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique						
Potencia CA máxima	Vueltas/min	Dimensiones		Dimensiones		Peso		Motor	Inyección	Refrigeración	Desplazamiento			Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica						
Maximale Leistung AC	Drehzahl u/min	Maße		Maße		Gewicht		Motor	Injection	Cooling	Hubraum			Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung						
3 PHASE		mm		in													dBA						
	240-480V	L	W	H	L	W	H	Kg	Lb		c.c.	cid	n°	hp		lt/h	gal/h	@ 7mt - 23 ft					
<b>MARINER 1160 T*</b>	11,5 KVA	1800	764	520	626	30	20,5	24,6	255	562	YANMAR 3TNV80F			DIRECT	W/W	1267	77,3	3	14,35	MECHANICAL	3,1	0,8	-
<b>MARINER 1680 T*</b>	16,8 KVA	1800	875	570	664	34,4	22,4	26	294	648	YANMAR 3TNV88F			DIRECT	W/W	1642	100	3	20,4	MECHANICAL	4	1	-
<b>MARINER 2300 T</b>	23 KVA	1800	1000	570	670	39,4	22,4	26,4	350	772	YANMAR 4TNV88			DIRECT	W/W	2190	133,6	4	29,4	MECHANICAL	6,2	1,6	-
<b>MARINER 2900 T</b>	29 KVA	1800	1202	590	753	47,3	23,2	29,6	565	1246	YANMAR 4TNV98			DIRECT	W/W	3319	202,5	4	56	MECHANICAL	10,4	2,7	-
<b>MARINER 3060 KT*</b>	30 KVA	1800	1000	570	670	39,4	22,4	26,4	435	959	KUBOTA V2403			INDIRECT	W/W	2434	148,5	4	39,8	ELECTRONIC	6,5	1,7	-
<b>MARINER 3600 T</b>	37,5 KVA	1800	1202	590	753	47,3	23,2	29,6	565	1246	YANMAR 4TNV98			DIRECT	W/W	3319	202,5	4	56	MECHANICAL	11,4	3	-
<b>MARINER 3706 KT*</b>	37,5 KVA	1800	1250	630	820	49,2	24,8	32,3	620	1367	KUBOTA V3300			INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	-
<b>MARINER 4200 T</b>	42,5 KVA	1800	1202	590	753	47,3	23,2	29,6	565	1246	YANMAR 4TNV98			DIRECT	W/W	3319	202,5	4	56	MECHANICAL	12,4	3,3	-
<b>MARINER 4206 KT*</b>	42,5 KVA	1800	1250	630	820	49,2	24,8	32,3	620	1367	KUBOTA V3300			INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	-

\* EPA



SILENZIATI  
1500 GIRI

3 FASE 50 HZ

SILENCED  
1500 RPM

3 PHASE 50 HZ



MARINER 1050 TS

MARINER 3400 TS

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Frequence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
3 PHASE					
400V	Hz		L	W	H
			Kg		
<b>MARINER 1050 TS</b>	10 KVA	50	1500	921	581
<b>MARINER 1450 TS</b>	14,1 KVA	50	1500	1040	631
<b>MARINER 2000 TS</b>	19,2 KVA	50	1500	1135	631
<b>MARINER 2500 TS</b>	28 KVA	50	1500	1295	630
<b>MARINER 3000 TS</b>	31 KVA	50	1500	1295	630
<b>MARINER 3050 KTS</b>	27,5 KVA	50	1500	1135	631
<b>MARINER 3400 TS</b>	36,2 KVA	50	1500	1295	630
<b>MARINER 3705 KTS</b>	32,5 KVA	50	1500	1310	640
<b>MARINER 4205 KTS</b>	36,2 KVA	50	1500	1310	640

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
		Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
		c.c.	n°	hp		dBA @ 7mt
<b>MARINER 1050 TS</b>	DIRECT	W/W	1267	3	12,74	MECHANICAL
<b>MARINER 1450 TS</b>	DIRECT	W/W	1642	3	18,4	MECHANICAL
<b>MARINER 2000 TS</b>	DIRECT	W/W	2190	4	24,5	MECHANICAL
<b>MARINER 2500 TS</b>	DIRECT	W/W	3319	4	39	MECHANICAL
<b>MARINER 3000 TS</b>	DIRECT	W/W	3319	4	40	MECHANICAL
<b>MARINER 3050 KTS</b>	INDIRECT	W/W	2434	4	29,5	ELECTRONIC
<b>MARINER 3400 TS</b>	DIRECT	W/W	3319	4	47	MECHANICAL
<b>MARINER 3705 KTS</b>	INDIRECT	W/W	3318	4	47	ELECTRONIC
<b>MARINER 4205 KTS</b>	INDIRECT	W/W	3318	4	47	ELECTRONIC



SILENZIATI  
1800 GIRI

3 FASE 60 HZ

SILENCED  
1800 RPM

3 PHASE 60 HZ



MARINER 1160 TS



MARINER 4200 TS

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA					
Maximum AC output	Rpm	Sizes		Sizes		Weight		Engine	Injection system	Cooling system	Displacement			Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power					
Puissance CA maximale	Tours/min	Dimensions		Dimensions		Poids		Moteur	Système d'injection	Refroidissement	Cylindrée			Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique					
Potencia CA máxima	Vueltas/min	Dimensiones		Dimensiones		Peso		Motor	Inyección	Refrigeración	Desplazamiento			Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica					
Maximale Leistung AC	Drehzahl u/min	Maße		Maße		Gewicht		Motor	Indiektion	Kühlung	Hubraum			Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung					
3 PHASE		mm		in							c.c.	cid	n°	hp		lt/h	gal/h	dBA				
	240-480V	L	W	H	L	W	H	Kg	Lb							@ 7mt - 23 ft						
<b>MARINER 1160 TS*</b>	11,5 KVA	1800	921	581	656	36,2	22,9	25,8	295	650	YANMAR 3TNV80F		DIRECT	W/W	1267	77,3	3	14,35	MECHANICAL	3,1	0,8	53
<b>MARINER 1680 TS*</b>	16,8 KVA	1800	1040	631	694	40,9	24,8	27,3	344	758	YANMAR 3TNV88F		DIRECT	W/W	1642	100	3	20,4	MECHANICAL	4	1	54
<b>MARINER 2300 TS</b>	23 KVA	1800	1135	631	694	44,7	24,8	27,3	400	882	YANMAR 4TNV88		DIRECT	W/W	2190	133,6	4	29,4	MECHANICAL	6,2	1,6	54
<b>MARINER 2900 TS</b>	29 KVA	1800	1295	630	810	51	24,8	32	595	1312	YANMAR 4TNV98		DIRECT	W/W	3319	202,5	4	56	MECHANICAL	10,4	2,7	56
<b>MARINER 3060 KTS*</b>	30 KVA	1800	1135	631	694	44,7	24,8	27,3	465	1025	KUBOTA V2403		INDIRECT	W/W	2434	148,5	4	39,8	ELECTRONIC	6,5	1,7	51
<b>MARINER 3600 TS</b>	37,5 KVA	1800	1295	630	810	51	24,8	32	595	1312	YANMAR 4TNV98		DIRECT	W/W	3319	202,5	4	56	MECHANICAL	11,4	3	56
<b>MARINER 3706 KTS*</b>	37,5 KVA	1800	1310	640	830	51,6	25,2	32,7	630	1389	KUBOTA V3300		INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	56
<b>MARINER 4200 TS</b>	42,5 KVA	1800	1295	630	810	51	24,8	32	595	1312	YANMAR 4TNV98		DIRECT	W/W	3319	202,5	4	56	MECHANICAL	12,4	3,3	56
<b>MARINER 4206 KTS*</b>	42,5 KVA	1800	1310	640	830	51,6	25,2	32,7	630	1389	KUBOTA V3300		INDIRECT	W/W	3318	202,4	4	47,3	ELECTRONIC	13	3,4	56

\* EPA





MARINER 45 MT



MARINER 52 MT

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine	Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur	Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor	Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor	Injection	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
3 PHASE			L	W	H	c.c.	n°	hp				dBA @ 7mt
400V	Hz											
<b>MARINER 45 MT</b>	45 KVA	50	1500	1376	855	975	855	PERKINS 1103A-33TG1	DIRECT	DESIGNED BY MASE GENERATORS	3300	61,2
<b>MARINER 52 MT</b>	52 KVA	50	1500	1376	855	975	870	PERKINS 1103A-33TG1	DIRECT	DESIGNED BY MASE GENERATORS	3300	61,2
<b>MARINER 70 MT</b>	72 KVA	50	1500	1594	893	1005	930	PERKINS 1104A-44TG1	DIRECT	DESIGNED BY MASE GENERATORS	4400	86,2
<b>MARINER 88 MT</b>	88 KVA	50	1500	1594	893	1005	950	PERKINS 1104A-44TG2	DIRECT	DESIGNED BY MASE GENERATORS	4400	96,4
<b>MARINER 114 MT</b>	114 KVA	50	1500	1960	875	1069	920	PERKINS 1106A-70TG1	DIRECT	DESIGNED BY MASE GENERATORS	7010	176
<b>MARINER 135 MT</b>	140 KVA	50	1500	1960	875	1069	970	PERKINS 1106A-70TG1	DIRECT	DESIGNED BY MASE GENERATORS	7010	176





MARINER 54 MT



MARINER 60 MT

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE							
Maximum AC output	Rpm	Sizes		Sizes		Weight		Engine							
Puissance CA maximale	Tours/min	Dimensions		Dimensions		Poids		Moteur							
Potencia CA máxima	Vueltas/min	Dimensiones		Dimensiones		Peso		Motor							
Maximale Leistung AC	Drehzahl u/min	Maße		Maße		Gewicht		Motor							
3 PHASE		mm		in											
240-480V		L	W	H	L	W	H	Kg	Lb					dBA	
<b>MARINER 54 MT</b>	54 KVA	1800	1376	855	975	54,2	33,7	38,4	855	1885	PERKINS 1103A-33TG1				
<b>MARINER 60 MT</b>	60 KVA	1800	1376	855	975	54,2	33,7	38,4	870	1918	PERKINS 1103A-33TG1				
<b>MARINER 84 MT</b>	84 KVA	1800	1594	893	1005	62,7	35	39,5	930	2050	PERKINS 1104A-44TG1				
<b>MARINER 100 MT</b>	100 KVA	1800	1594	893	1005	62,7	35	39,5	950	2094	PERKINS 1104A-44TG2				
<b>MARINER 130 MT</b>	130 KVA	1800	1960	875	1069	77,2	34,4	42	920	2028	PERKINS 1106A-70TG1				
<b>MARINER 160 MT</b>	160 KVA	1800	1960	875	1069	77,2	34,4	42	970	2138	PERKINS 1106A-70TG1				

INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Puissance acoustique		
Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique		
Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica		
Injektion	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung		
		c.c.	cid	n°	hp		lt/h	gal/h
							@ 7mt - 23 ft	dBA
<b>MARINER 54 MT</b>	54 KVA	1800	3300	201,4	3	72,3	MECHANICAL	12,7
<b>MARINER 60 MT</b>	60 KVA	1800	3300	201,4	3	72,3	MECHANICAL	12,9
<b>MARINER 84 MT</b>	84 KVA	1800	4400	268,5	4	101,2	MECHANICAL	17,7
<b>MARINER 100 MT</b>	100 KVA	1800	4400	268,5	4	109,9	MECHANICAL	22,3
<b>MARINER 130 MT</b>	130 KVA	1800	7010	427,8	6	199	MECHANICAL	34,5
<b>MARINER 160 MT</b>	160 KVA	1800	7010	427,8	6	199	MECHANICAL	35,2

### CBU Evo



SILENZIATI  
1500 GIRI

3 FASE 50 HZ

SILENCED  
1500 RPM

3 PHASE 50 HZ



MARINER 52 MTS



MARINER 70 MTS

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
3 PHASE			L	W	H
400V	Hz		Kg		
<b>MARINER 45 MTS</b>	45 KVA	50	1500	1600	935
<b>MARINER 52 MTS</b>	52 KVA	50	1500	1600	935
<b>MARINER 70 MTS</b>	72 KVA	50	1500	1770	935
<b>MARINER 88 MTS</b>	88 KVA	50	1500	1770	935
<b>MARINER 114 MTS</b>	114 KVA	50	1500	2110	875
<b>MARINER 135 MTS</b>	140 KVA	50	1500	2110	875

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
		Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
		c.c.	n°	hp		dBA @ 7mt
<b>MARINER 45 MTS</b>	PERKINS 1103A-33TG1	DIRECT	DESIGNED BY MASE GENERATORS	3300	3	61,2
<b>MARINER 52 MTS</b>	PERKINS 1103A-33TG1	DIRECT	DESIGNED BY MASE GENERATORS	3300	3	61,2
<b>MARINER 70 MTS</b>	PERKINS 1104A-44TG1	DIRECT	DESIGNED BY MASE GENERATORS	4400	4	86,2
<b>MARINER 88 MTS</b>	PERKINS 1104A-44TG2	DIRECT	DESIGNED BY MASE GENERATORS	4400	4	96,4
<b>MARINER 114 MTS</b>	PERKINS 1106A-70TG1	DIRECT	DESIGNED BY MASE GENERATORS	7010	6	176
<b>MARINER 135 MTS</b>	PERKINS 1106A-70TG1	DIRECT	DESIGNED BY MASE GENERATORS	7010	6	176





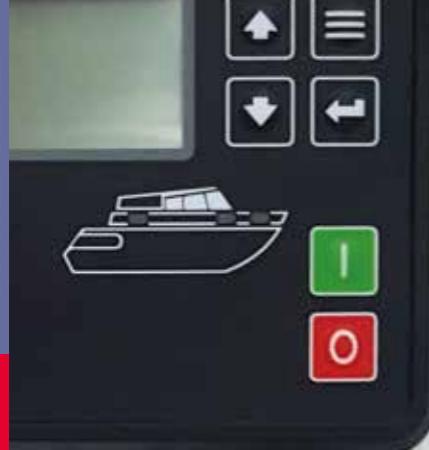
MARINER 60 MTS



MARINER 84 MTS

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI		DIMENSIONI		PESO		MOTORE													
Maximum AC output	Rpm	Sizes		Sizes		Weight		Engine													
Puissance CA maximale	Tours/min	Dimensions		Dimensions		Poids		Moteur													
Potencia CA máxima	Vueltas/min	Dimensiones		Dimensiones		Peso		Motor													
Maximale Leistung AC	Drehzahl u/min	Maße		Maße		Gewicht		Motor													
3 PHASE		mm		in																	
240-480V		L	W	H	L	W	H	Kg	Lb												
<b>MARINER 54 MTS</b>	54 KVA	1800	1600	935	1085	63	37	42,7	925	2039	PERKINS 1103A-33TG1	DIRECT	DESIGNED BY MASE GENERATORS	3300	201,4	3	72,3	MECHANICAL	12,7	3,3	59
<b>MARINER 60 MTS</b>	60 KVA	1800	1600	935	1085	63	37	42,7	940	2072	PERKINS 1103A-33TG1	DIRECT	DESIGNED BY MASE GENERATORS	3300	201,4	3	72,3	MECHANICAL	12,9	3,4	59
<b>MARINER 84 MTS</b>	84 KVA	1800	1770	935	1085	69,7	36,8	42,7	1000	2205	PERKINS 1104A-44TG1	DIRECT	DESIGNED BY MASE GENERATORS	4400	268,5	4	101,2	MECHANICAL	17,7	4,7	59
<b>MARINER 100 MTS</b>	100 KVA	1800	1770	935	1085	69,7	36,8	42,7	1050	2315	PERKINS 1104A-44TG2	DIRECT	DESIGNED BY MASE GENERATORS	4400	268,5	4	109,9	MECHANICAL	22,3	5,9	60
<b>MARINER 130 MTS</b>	130 KVA	1800	2110	875	1130	83	34,4	44,5	1100	2425	PERKINS 1106A-70TG1	DIRECT	DESIGNED BY MASE GENERATORS	7010	427,8	6	199	MECHANICAL	34,5	9,1	61
<b>MARINER 160 MTS</b>	160 KVA	1800	2110	875	1130	83	34,4	44,5	1150	2535	PERKINS 1106A-70TG1	DIRECT	DESIGNED BY MASE GENERATORS	7010	427,8	6	199	MECHANICAL	35,2	9,3	61

INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement	Cylindrée	Desplazamiento	Hubraum	Maximum Power	Fuel consumption 4/4 load	Acoustic power
Système d'injection	Refroidissement				Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Inyección	Refrigeración				Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Injektion	Kühlung				Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
		c.c.	cid	n°	hp		lt/h	gal/h
							@ 7mt - 23 ft	dBA





VERSIONE APERTA  
1500 GIRI

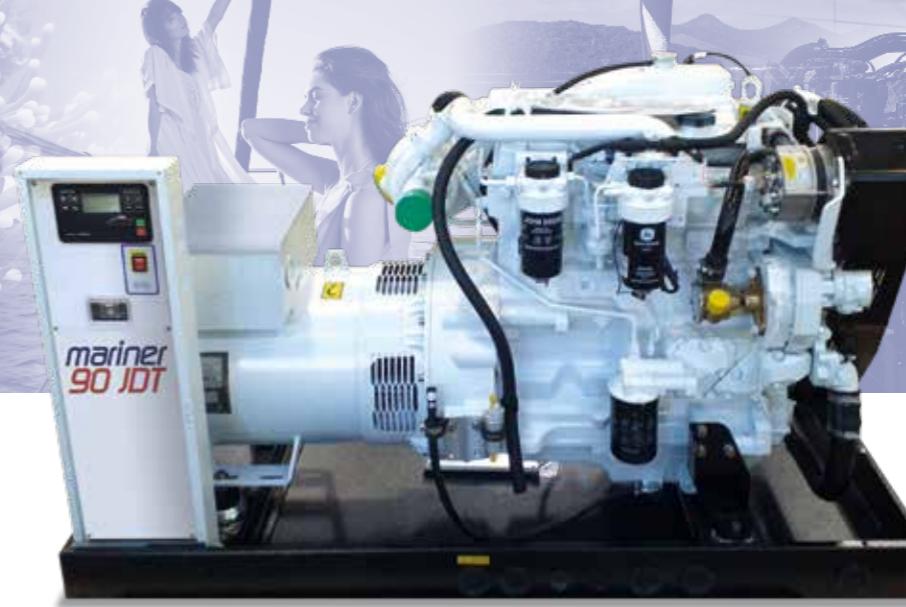
3 FASE 50 HZ

OPEN VERSION  
1500 RPM

3 PHASE 50 HZ



MARINER 65 JDT



MARINER 90 JDT

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor
3 PHASE					
400V	Hz		L W H	Kg	
<b>MARINER 55 JDT</b>	55 KVA	50	1500	1520	896 960 1010 J. D. 4045TFM85G6
<b>MARINER 65 JDT</b>	65 KVA	50	1500	1520	896 960 1045 J. D. 4045TFM85G6
<b>MARINER 90 JDT</b>	88 KVA	50	1500	1670	966 1050 1165 J. D. 4045AFM85G6
<b>MARINER 100 JDT</b>	100 KVA	50	1500	1670	966 1050 1250 J. D. 4045AFM85G6
<b>MARINER 150 JDT</b>	150 KVA	50	1500	2050	910 1000 1500 J. D. 6068AFM85G5

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA							
Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum	Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung							
		c.c.	n°	hp		dBA @ 7mt							
<b>MARINER 55 JDT</b>	55 KVA	50	1500	1520	896 960 1010 J. D. 4045TFM85G6	DIRECT	W/W	4500	4	82	ELECTRONIC	16,5	-
<b>MARINER 65 JDT</b>	65 KVA	50	1500	1520	896 960 1045 J. D. 4045TFM85G6	DIRECT	W/W	4500	4	82	ELECTRONIC	16,5	-
<b>MARINER 90 JDT</b>	88 KVA	50	1500	1670	966 1050 1165 J. D. 4045AFM85G6	DIRECT	W/W	4500	4	120	ELECTRONIC	23,5	-
<b>MARINER 100 JDT</b>	100 KVA	50	1500	1670	966 1050 1250 J. D. 4045AFM85G6	DIRECT	W/W	4500	4	120	ELECTRONIC	23,5	-
<b>MARINER 150 JDT</b>	150 KVA	50	1500	2050	910 1000 1500 J. D. 6068AFM85G5	DIRECT	W/W	6800	6	173	ELECTRONIC	36,1	-

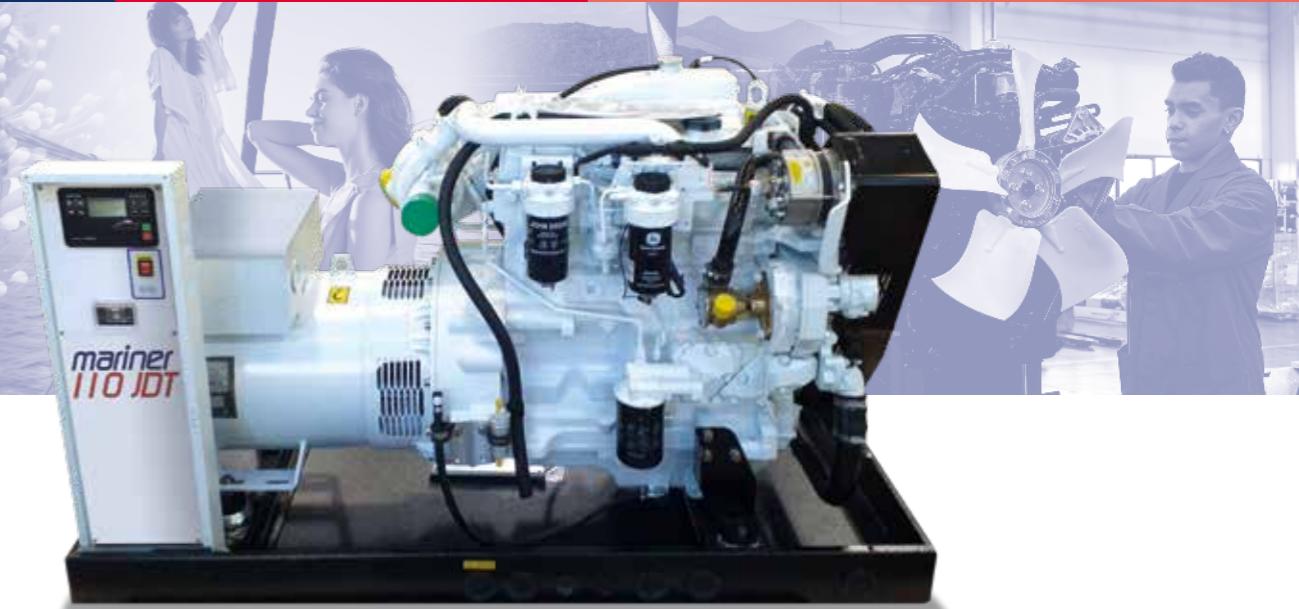


VERSIONE APERTA  
1800 GIRI

3 FASE 60 HZ

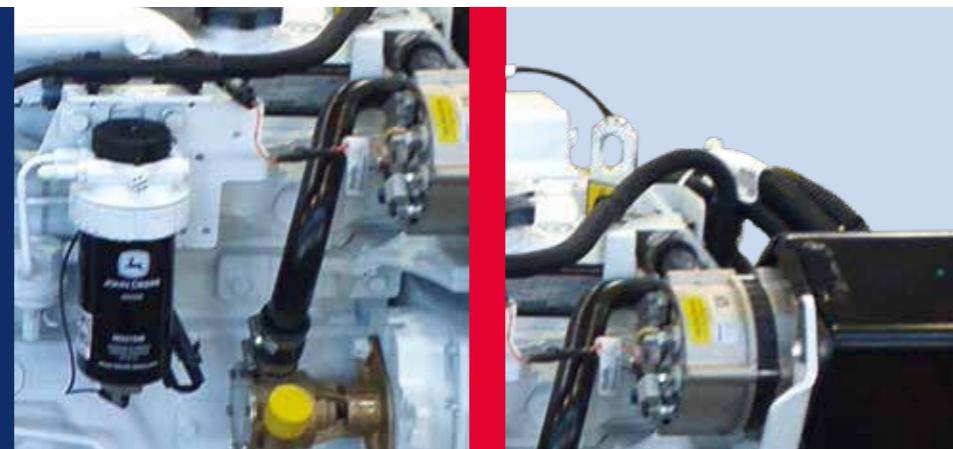
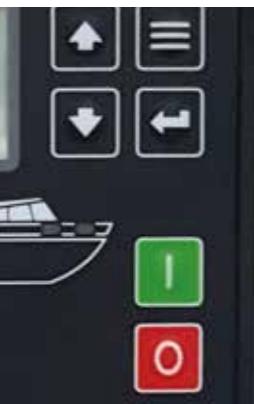


MARINER 80 JDT



MARINER 110 JDT

	POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA			POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA		
	Maximum AC output Puissance CA maximale Potencia CA máxima Maximale Leistung AC	Rpm Tours/min Vueltas/min Drehzahl u/min	Sizes Dimensions Dimensiones Maße			Sizes Dimensions Dimensiones Maße			Weight Poids Peso Gewicht	Engine Moteur Motor Motor	Injection system Système d'injection Inyección Injektion	Cooling system Refroidissement Refrigeración Kühlung	Displacement Cylindrée Desplazamiento Hubraum			Maximum Power Puissance maxi Potencia máxima Maxi Leistung	Speed Regulator Régulateur de tours Regulador de vueltas Drehzahlregler	Fuel consumption 4/4 load Consommation de carburant 4/4 charge Consumo de combustible 4/4 carga Kraftstoffverbrauch bei 4/4 der Belastung	Acoustic power Puissance acoustique Potencia acústica Schalleistung		
	3 PHASE		mm			in												dBA			
	240-480V		L	W	H	L	W	H	Kg	Lb								@ 7mt - 23 ft			
<b>MARINER 70 JDT</b>	80 KVA	1800	1520	896	960	59,8	35,2	37,7	1010	2226	J. D. 4045TFM85G6	DIRECT	W/W	4500	274,6	4	99	ELECTRONIC	20,5	5,4	-
<b>MARINER 80 JDT</b>	90 KVA	1800	1520	896	960	59,8	35,2	37,7	1045	2303	J. D. 4045TFM85G6	DIRECT	W/W	4500	274,6	4	99	ELECTRONIC	20,5	5,4	-
<b>MARINER 110 JDT</b>	110 KVA	1800	1670	966	1050	65,7	38	41,3	1165	2568	J. D. 4045AFM85G6	DIRECT	W/W	4500	274,6	4	148	ELECTRONIC	28,5	7,5	-
<b>MARINER 130 JDT</b>	135 KVA	1800	1670	966	1050	65,7	38	41,3	1250	2755	J. D. 4045AFM85G6	DIRECT	W/W	4500	274,6	4	148	ELECTRONIC	28,5	7,5	-
<b>MARINER 190 JDT</b>	188 KVA	1800	2050	910	1000	80,7	35,82	39,37	1500	3306	J. D. 6068AFM85G5	DIRECT	W/W	6800	414,9	6	223	ELECTRONIC	46,1	12,17	-





SILENZIATI  
1500 GIRI

3 FASE 50 HZ



MARINER 65 JDTs

SILENCED  
1500 RPM

3 PHASE 50 HZ



MARINER 90 JDTs

POTENZA CA MASSIMA	FREQUENZA	GIRI/MIN	DIMENSIONI (mm)	PESO	MOTORE	INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA				
Maximum AC output	Frequency	Rpm	Sizes	Weight	Engine	Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power				
Puissance CA maximale	Fréquence	Tours/min	Dimensions	Poids	Moteur	Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique				
Potencia CA máxima	Frecuencia	Vueltas/min	Dimensiones	Peso	Motor	Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica				
Maximale Leistung AC	Frequenz	Drehzahl u/min	Maße	Gewicht	Motor	Injection	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung				
3 PHASE																
400V	Hz		L	W	H	Kg		c.c.	n°	hp		dBA @ 7mt				
<b>MARINER 55 JDTs</b>	55 KVA	50	1500	1520	754	1007	1063	J. D. 4045TFM85G6	DIRECT	W/W	4500	4	82	ELECTRONIC	16,5	58
<b>MARINER 65 JDTs</b>	65 KVA	50	1500	1520	754	1007	1098	J. D. 4045TFM85G6	DIRECT	W/W	4500	4	82	ELECTRONIC	16,5	58
<b>MARINER 90 JDTs</b>	88 KVA	50	1500	1730	830	1057	1234	J. D. 4045AFM85G6	DIRECT	W/W	4500	4	120	ELECTRONIC	23,5	58
<b>MARINER 100 JDTs</b>	100 KVA	50	1500	1730	830	1057	1320	J. D. 4045AFM85G6	DIRECT	W/W	4500	4	120	ELECTRONIC	23,5	61
<b>MARINER 150 JDTs</b>	150 KVA	50	1500	2100	970	1065	1650	J. D. 6068AFM85G5	DIRECT	W/W	6800	6	173	ELECTRONIC	36,1	63



SILENZIATI  
1800 GIRI

3 FASE 60 HZ

SILENCED  
1800 RPM

3 PHASE 60 HZ



MARINER 80 JDTS



MARINER 110 JDTS

POTENZA CA MASSIMA	GIRI/MIN	DIMENSIONI			DIMENSIONI			PESO		MOTORE	
Maximum AC output	Rpm	Sizes			Sizes			Weight	Engine		
Puissance CA maximale	Tours/min	Dimensions			Dimensions			Poids	Moteur		
Potencia CA máxima	Vueltas/min	Dimensiones			Dimensiones			Peso	Motor		
Maximale Leistung AC	Drehzahl u/min	Maße			Maße			Gewicht	Motor		
3 PHASE		mm			in						
240-480V		L	W	H	L	W	H	Kg	Lb		
<b>MARINER 70 JDTS</b>	80 KVA	1800	1520	754	1007	59,8	29,6	39,6	1063	2343	J. D. 4045TFM85G6
<b>MARINER 80 JDTS</b>	90 KVA	1800	1520	754	1007	59,8	29,6	39,6	1098	2420	J. D. 4045TFM85G6
<b>MARINER 110 JDTS</b>	110 KVA	1800	1730	830	1057	68,1	32,6	41,6	1234	2720	J. D. 4045AFM85G6
<b>MARINER 130 JDTS</b>	135 KVA	1800	1730	830	1057	68,1	32,6	41,6	1320	2910	J. D. 4045AFM85G6
<b>MARINER 190 JDTS</b>	188 KVA	1800	2100	970	1065	82,6	38,1	41,9	1650	3637	J. D. 6068AFM85G5

INIEZIONE	RAFFREDDAMENTO	CILINDRATA	POTENZA MAX	REGOLATORE DI GIRI	CONSUMO CARBURANTE A 4/4 DEL CARICO	POTENZA ACUSTICA
Injection system	Cooling system	Displacement	Maximum Power	Speed Regulator	Fuel consumption 4/4 load	Acoustic power
Système d'injection	Refroidissement	Cylindrée	Puissance maxi	Régulateur de tours	Consommation de carburant 4/4 charge	Puissance acoustique
Inyección	Refrigeración	Desplazamiento	Potencia máxima	Regulador de vueltas	Consumo de combustible 4/4 carga	Potencia acústica
Injection	Kühlung	Hubraum	Maxi Leistung	Drehzahlregler	Kraftstoffverbrauch bei 4/4 der Belastung	Schalleistung
		c.c.	hp		lt/h	dBA
		cid	n°		gal/h	@ 7mt - 23 ft
<b>MARINER 70 JDTS</b>	80 KVA	1800	4500	274,6	4	99
<b>MARINER 80 JDTS</b>	90 KVA	1800	4500	274,6	4	99
<b>MARINER 110 JDTS</b>	110 KVA	1800	4500	274,6	4	148
<b>MARINER 130 JDTS</b>	135 KVA	1800	4500	274,6	4	148
<b>MARINER 190 JDTS</b>	188 KVA	1800	6800	415	6	223



### CBU Evo



# Quadri di comando

Control panel / Panneau de contrôle / Panel de control / Schalttafel



## PANNELLO AVVIAMENTO A DISTANZA C.B.U.

Il modulo CBU (trasferimento dati Mod-Bus) gestisce i controlli e i comandi del generatore. L'ampio display e i pulsanti di comando ne permettono una facile lettura ed utilizzo.

### Informazioni Display / Display information

- Avviamento Manuale / Manual start
- Tensione Vac / Voltage Vac
- Frequenza Hz / Frequency Hz
- Numero di giri motore rpm / Engine rpm
- Contaore / Hourmeter
- Tensione Batteria Generatore / Battery voltage of the genset

## REMOTE CONTROL PANEL C.B.U.

The CBU module (Modbus data transfer) manages the controls and commands of the generator. The large display and the control buttons allow easy reading and use.

- Tensione Batterie di servizio / Voltage of onboard batteries
- Pressione Olio / Engine oil pressure
- Allarme Bassa Pressione Olio / Low oil pressure alarm
- Temperatura Motore / Engine temperature
- Allarme Alta Temperatura Motore / High engine temperature alarm

- Allarme Alta Temperatura Alternatore / High alternator temperature alarm
- Preriscalo Motore / Engine preheating
- Visualizzazione allarmi di arresto / Stop alarms
- Visualizzazione storico allarmi / Storage and back-up of alarms
- Avviso manutenzione periodica / Maintenance warning

# Technology for your...



### Informazioni Display / Display information

- Avviamento Manuale / Manual start
- Tensione Vac / Vac Voltage
- Frequenza Hz / Frequency Hz
- Potenza erogata / Power
- Corrente prelevata / Amperage
- Numero di giri motore / Engine rpm
- Contaore / Hourmeter
- Tensione Batteria Generatore / Mase battery voltage
- Pressione Olio / Engine oil pressure
- Allarme e Preallarme Bassa Pressione Olio / Low oil pressure alarm
- Temperatura Motore / Engine temperature
- Preriscalo Motore / Engine pre-heating
- Allarme e Preallarme Alta Temperatura Motore / High engine temp warning and shutdown alarm
- Allarme e Preallarme Alta Temperatura Alternatore / High alternator temp warning and shutdown alarm
- Allarme avaria carica batteria / Alternator battery charger failure alarm

### Il modulo CBU IL4 gestisce i controlli e i comandi del generatore.

L'ampio display e i pulsanti di comando ne permettono una facile lettura ed utilizzo.

CBU IL4 device controls and drives the genset. A large display and the control push-buttons allow an easy monitoring and use of the unit.

### Altre caratteristiche / Other features

- Comunicazione diretta con ECU tramite linea CAN Direct / ECU communication via CAN line
- Possibilità di disabilitare le protezioni (funzionamento in emergenza) / Possibility to disable all protections (emergency mode operation)
- Avviamento automatico per basso livello di tensione batteria / Automatic start for low battery voltage level
- Avviamento/arresto a distanza con interruttore (modalità AUT) / Possibility for a Start/Stop remote switch (AUT mode)
- Possibilità di installazione di più moduli remoti / Possibility to have multiple remote devices

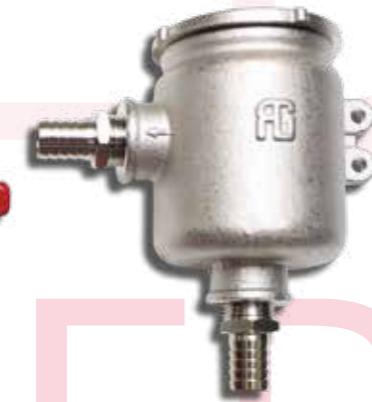


Pannello avviamento a distanza  
Remote control panel

- Zero power mode
- Ingressi/Uscite comandi e controlli disponibili
- Inlets/Outlets controls available
- Ingresso CAN con protocollo J1939 / CAN inlet by J1939 protocol
- Uscita cumulativo allarmi / General alarm outlet
- Uscita RUN / RUN outlet
- Uscita Ready / Ready outlet
- Uscita AUX programmabile / AUX outlet programmable

# Accessori

Optionals / Options / Accesorios opcionales / Zubehör



## Kit di filtraggio

Filter kit / Kit de filtre  
Kit de filtración / Filterkit

## Per tutti i modelli

For all models  
Pour tous les modèles  
Para todos los modelos  
Für alle Modelle



## Antisifone

Siphon break / soupape anti-siphon  
Válvula anti-sifón / Belüftungsventil

## Per tutti i modelli

For all models  
Pour tous les modèles  
Para todos los modelos  
Für alle Modelle

# Details for your...



## Kit di scarico con separatore

Exhaust kit with separator / Kit d'échappement avec séparateur / Kit de descarga con separador / Auspuffkit mit Separator

## Per tutti i modelli

For all models / Pour tous les modèles  
Para todos los modelos / Für alle Modelle



## Kit di scarico

Exhaust kit / Kit d'échappement  
Kit de descarga / Auspuffkit

## Per tutti i modelli

For all models / Pour tous les modèles  
Para todos los modelos / Für alle Modelle



## Separatore e marmitta gensep

Separator and exhaust advice gensep  
Separateur et échappement du générateur gensep / Separador y silenciador / Separator und Auspuff gensep

## Per tutti i modelli

For all models / Pour tous les modèles  
Para todos los modelos / Für alle Modelle

## ALTRI OPTIONAL

### Kit poli isolati

Insulated two poles kit / Kit pôles isolés / Kit dos polos aislados  
Kit isolierten Pols

### Kit manutenzione ordinaria

Ordinary maintenance kit  
Kit manutention ordinaire  
Kit de mantenimiento ordinario Ordentliches Wartungskit

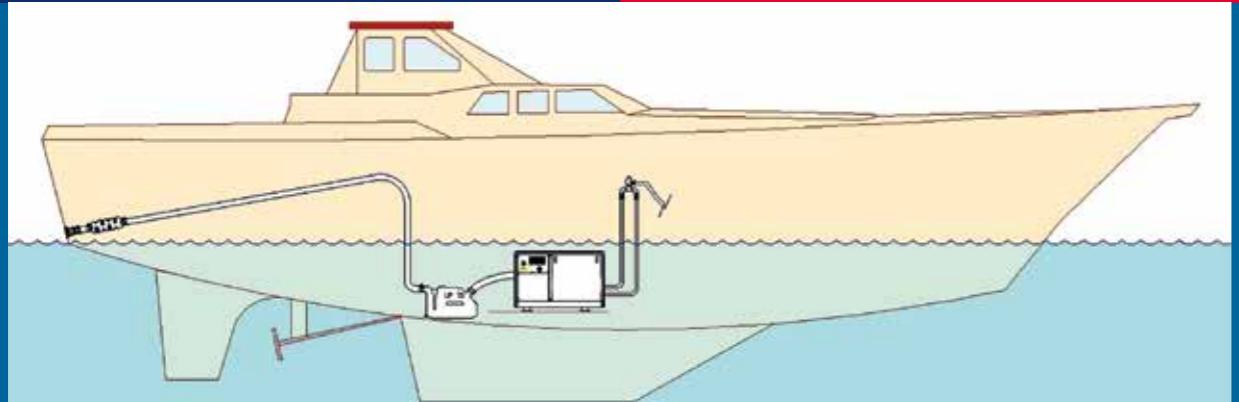
### Collaudo RINA su richiesta

Rina test on request  
Homologation Rina sur demande  
Pruebas Rina a petición  
Rina test auf Befragen



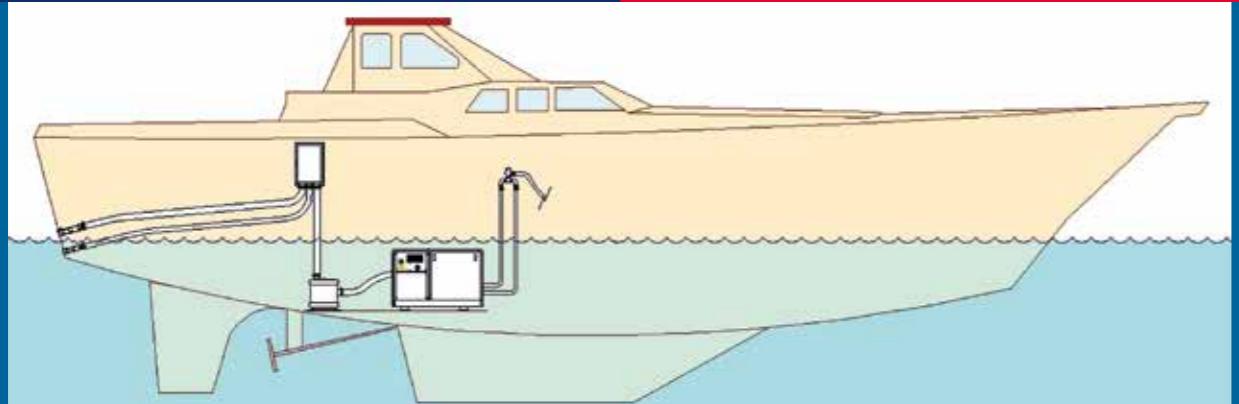
# I Installazione

Installation / Installation / Installation / Instalación / Anlage



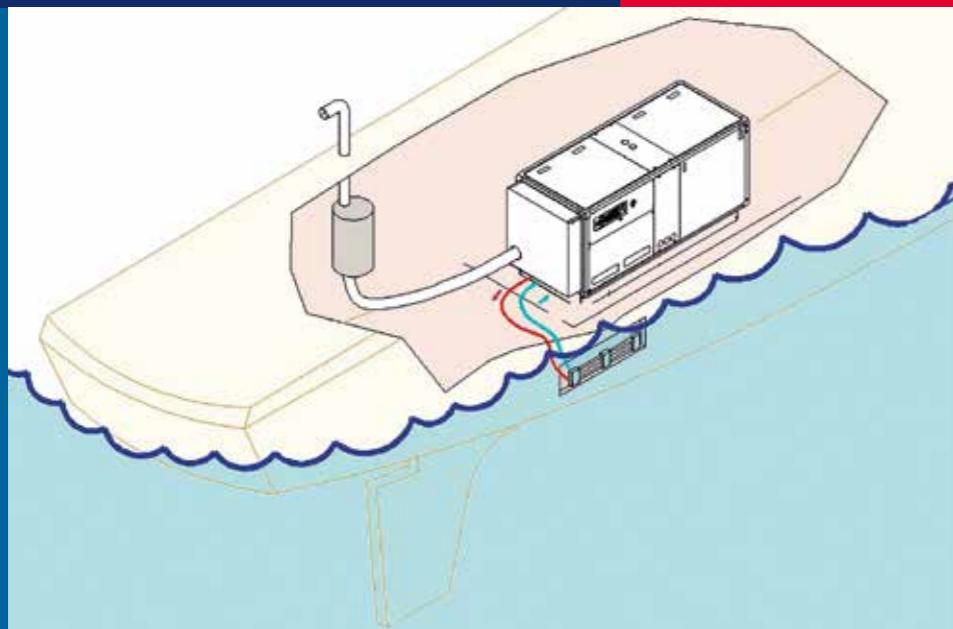
Tipica installazione di gruppo elettrogeno sotto a linea di galleggiamento.

*Typical installation of generator under the waterline.*



Tipica installazione di gruppo elettrogeno con separatore acqua/gas.

*Typical installation of generator with water/gas separator.*



Installazione di gruppo elettrogeno con sistema di raffreddamento in chiglia e scarico a secco.

*Installation of generator with keel cooled system and dry exhaust.*



# mase GENERATORS

*Believing in change.*



Sistema di Gestione qualità certificato  
Quality Management System Certified  
UNI EN ISO 9001 2015  
Certificate n. IT19/0468



M A N U F A C T U R E R S

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