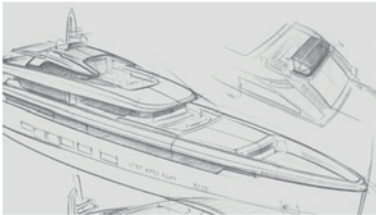


CASE STUDY

90 meters MEGAYACHT
Lionheart

Benetti
ITALIAN EXCELLENCE SINCE 1873



Pictures courtesy: Benetti



This megayacht of 90 meters by BENETTI (Lionheart - FB262 construction) is using a **Diesel-Electric Propulsion System**. In cooperation with ABB, through a control system and fed by their inverter drives, the INDAR electric motors are powering the propulsion shaft line.

The Diesel-Electric Propulsion system allows engine lay-out optimization inside the yacht, reduces fuel consumption and emissions. Besides, the whole system performance in terms of Noise & Vibrations is so smooth that on-board comfort is upgraded above further expectations.

These main propulsion electric motors by INDAR are carefully designed in order to comply with the highest comfort class requirements offering a silent vibration-free cruising.

INDAR Marine Applications:

- Main Propulsion Motors.
- Auxiliary Propulsion Motors.



www.indar.net
marine@indar.ingeteam.com

Indar
An **ingeteam** brand

General Description	
INDAR Scope of Supply	
2x Main Propulsion Motors.	AC Induction technology Direct Drive Propulsion (2 propellers with 1 electric motor each) ○ Output power: 2x 3000 [kW] ○ Voltage: 630 [V]

○

Speed:

300 [rpm]

○

IC cooling:

IC86W

It's all about:

- Astonishing design and dedicated luxury painting for yachts.
- Compact size.
- Comfort: Silent technology. Noise and Vibration know-how.
- Reliability and Robustness.
- Efficiency.
- Custom design.
- IMU Luxury Series.
- And other yachting personal details.



Yacht Main Characteristics	
○ Year:	2014
○ Length:	90 [m]
○ Specification:	Benetti own specification
○ Owner:	Confidential
○ Shipyard:	Azimut Benetti
○ Partner:	ABB

Indar
An **Ingeteam** brand

Your driving force

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