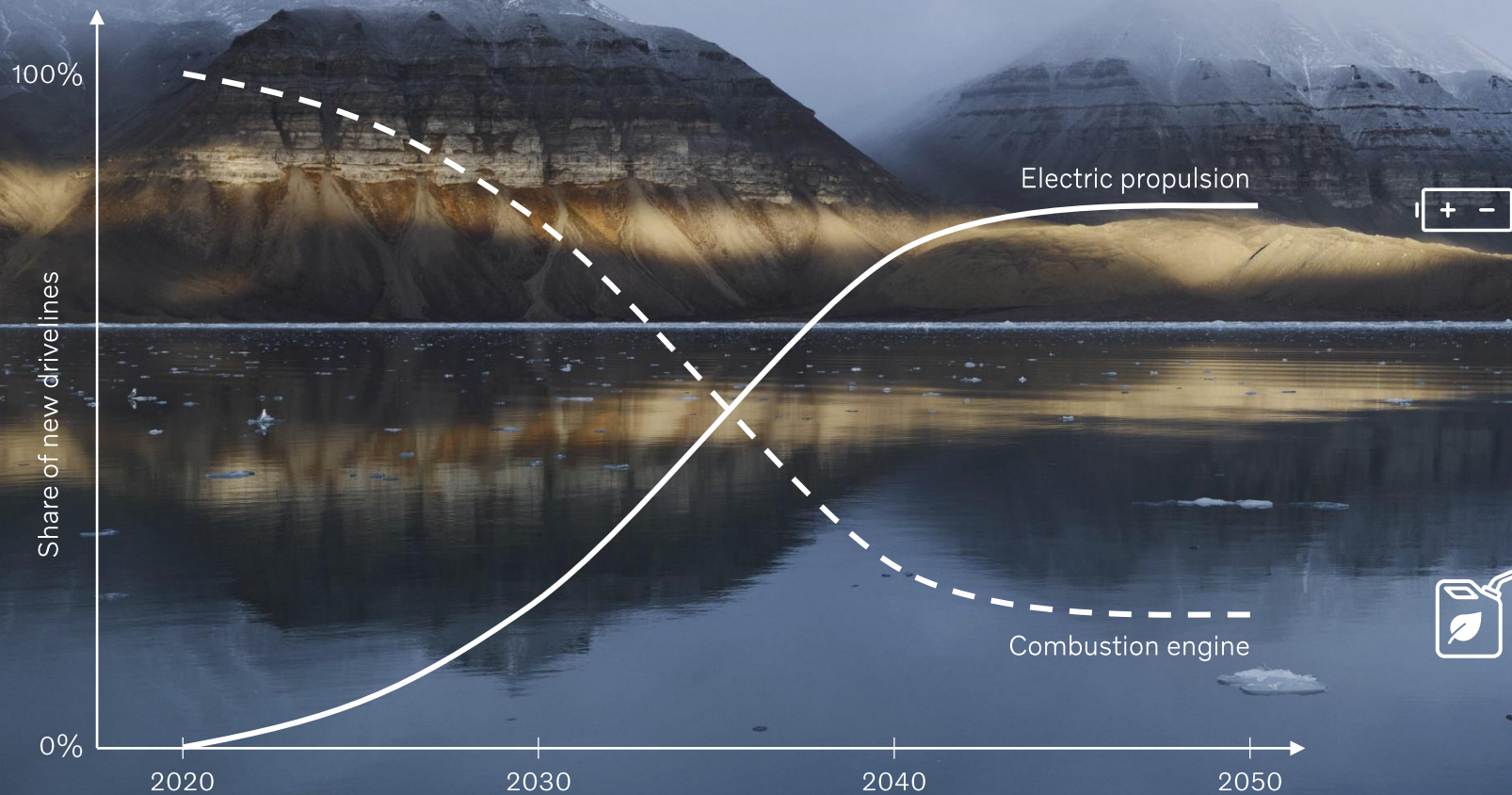


VOLVO PENTA

Join the forward facing revolution

# Our mission at sea is to become a world leader in sustainable power solutions





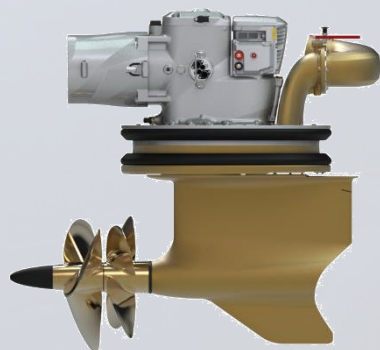
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## Volvo Penta IPS family

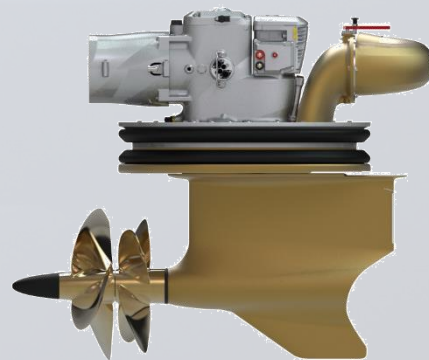
Our most energy efficient propulsion system | 20 years of innovative design proven in use



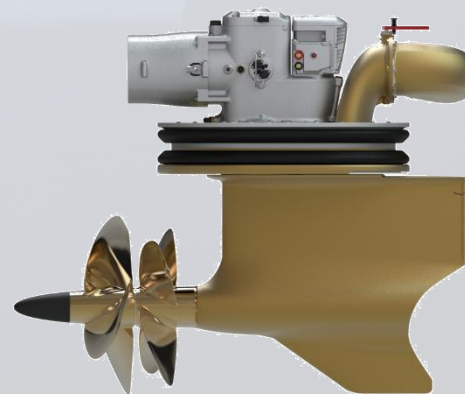
**IPS400 - 650**  
IPS10 | 2005



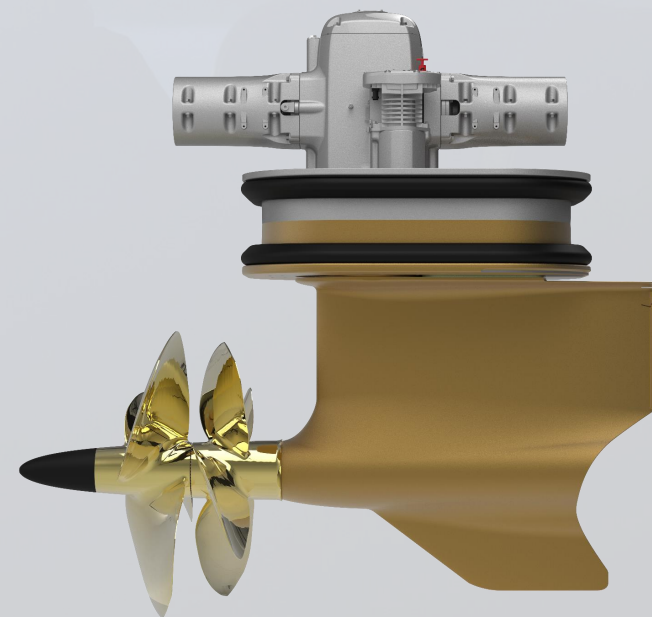
**IPS600 - 800**  
IPS15 | 2016



**IPS650 - 950**  
IPS20 | 2009



**IPS900 - 1350**  
IPS30 | 2010

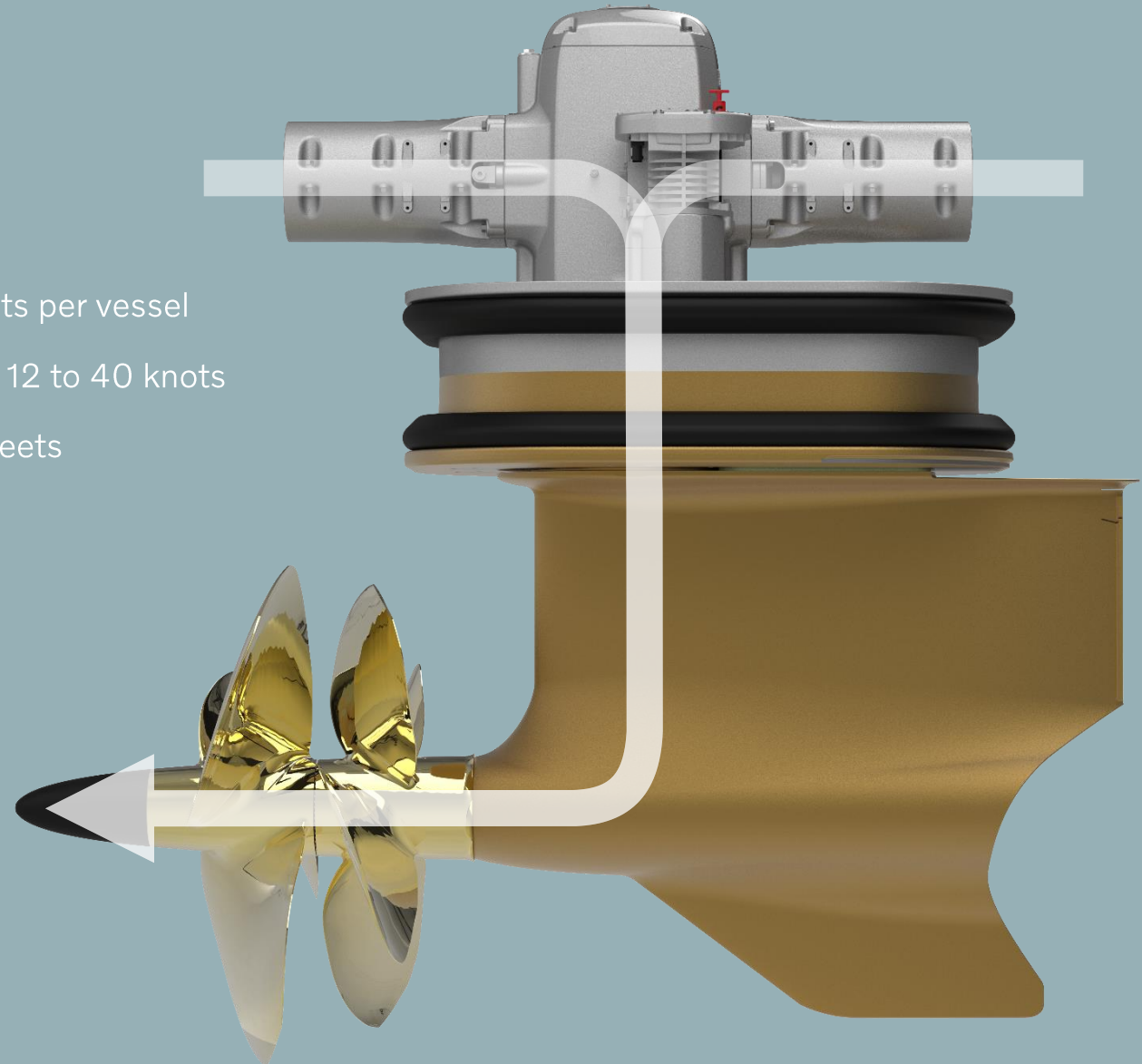


**IPS1800 - 2700**  
IPS40 | 2025

## A star is born

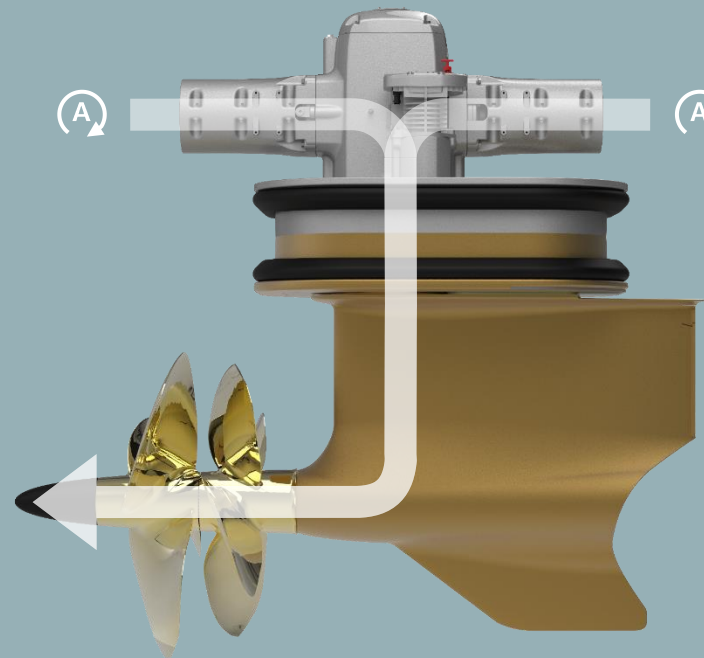
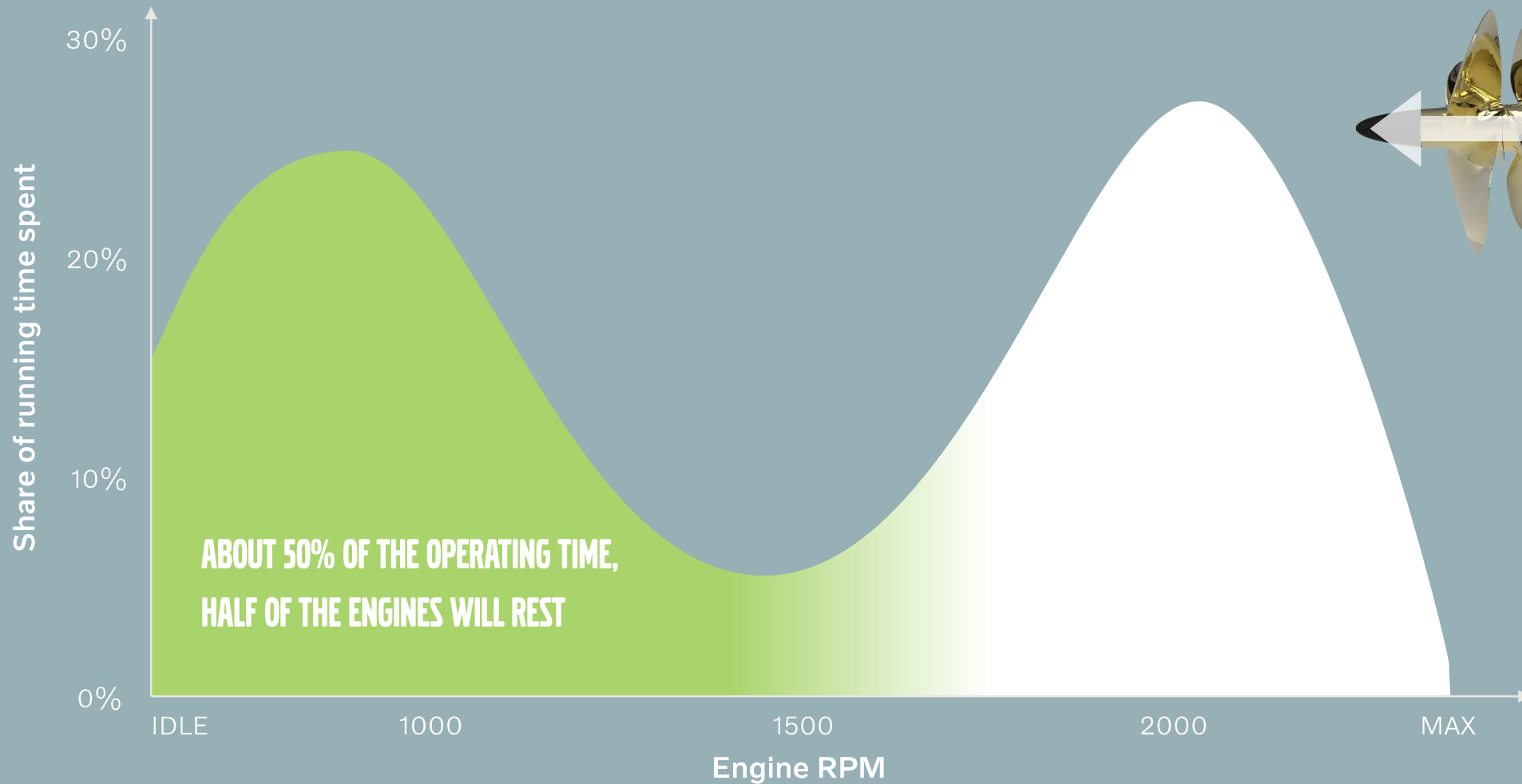
Made for professional performance

- **Dual power inputs** | up to 2 x 1000hp (735kW)
- **Twin, triple or quad installations** | 4 - 8 power inputs per vessel
- **Displacement, semi-planing and planing vessels** | 12 to 40 knots
- **Suitable for vessels 25 to 55 meters** | 80 – 150+ feet



# ECO Mode

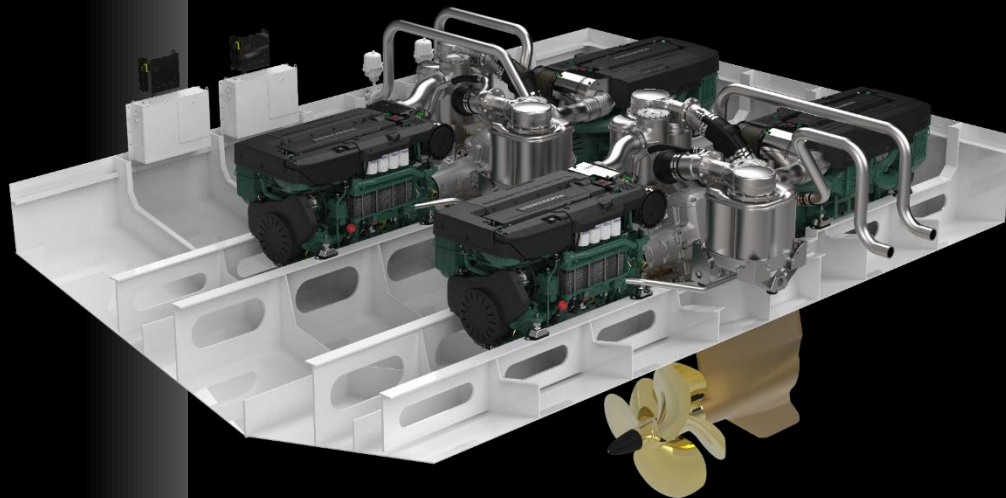
Automatic start/stop of engines depending on needed power in each situation





# Made for flexibility

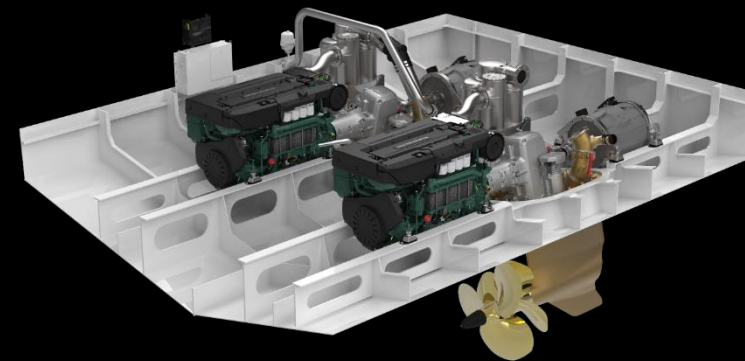
Combustion | first intro



Electric

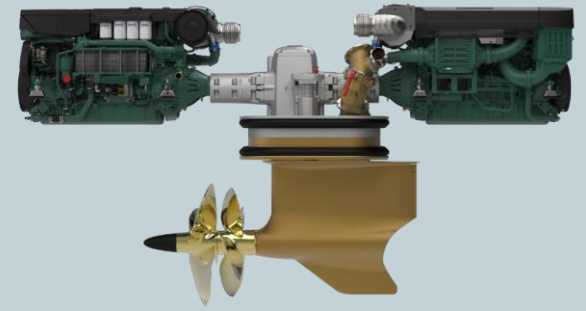
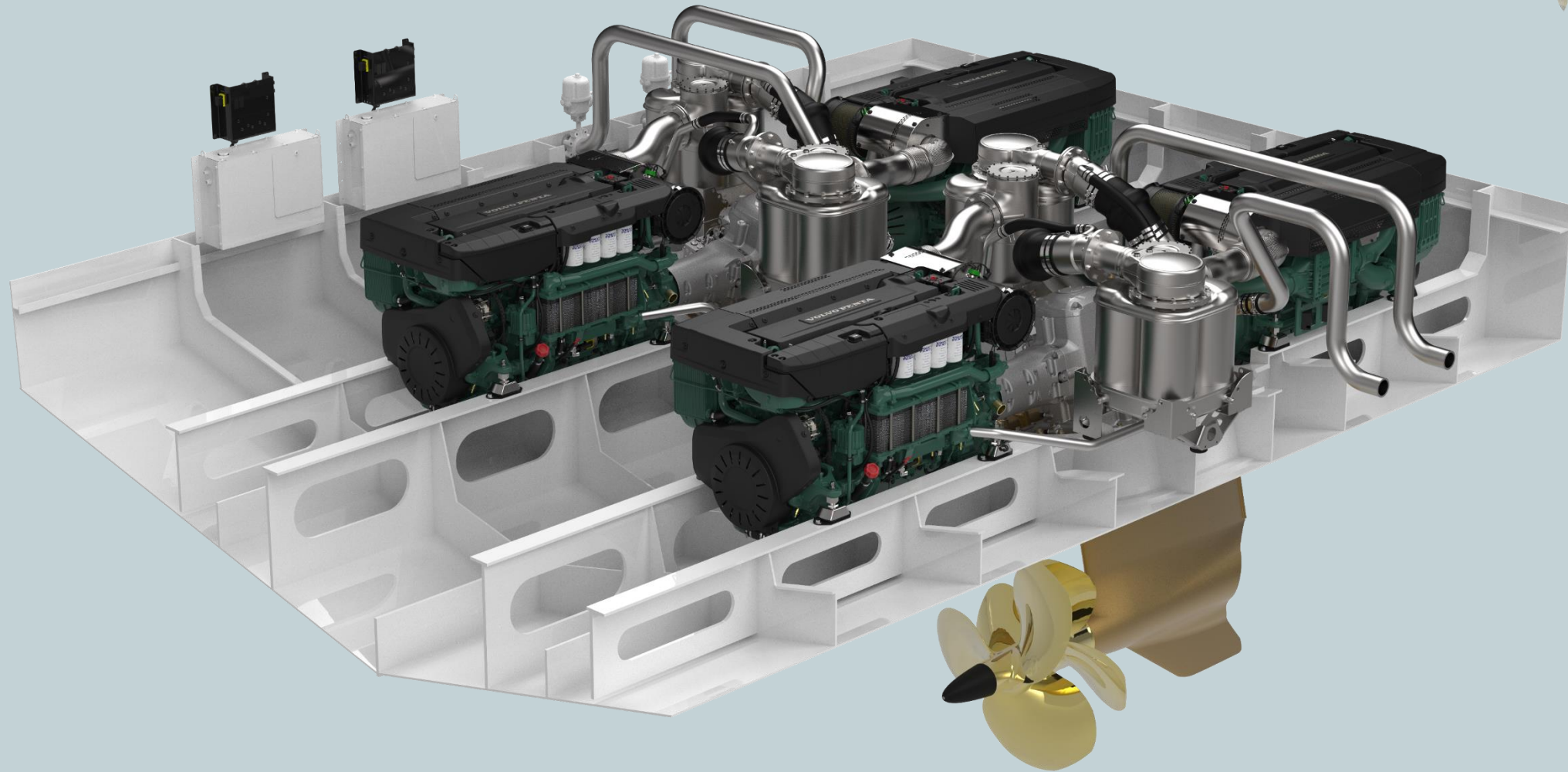


Hybrid



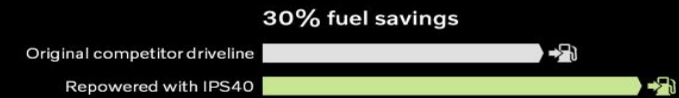
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Intro 2025 | D13 Power Inputs

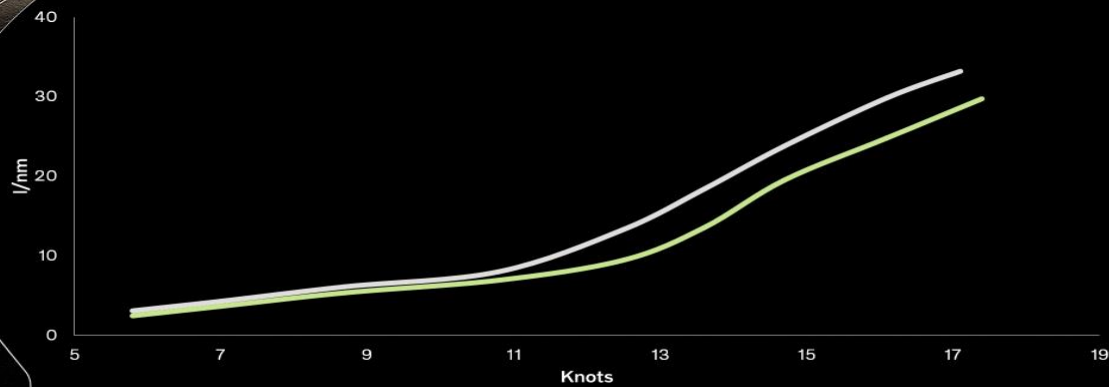


# THE MASTER IN EFFICIENCY

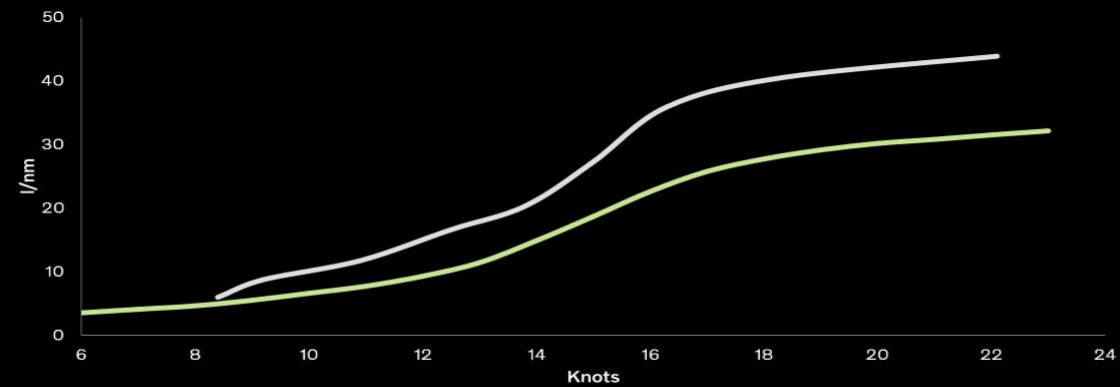
Fuel Efficiency | case studies



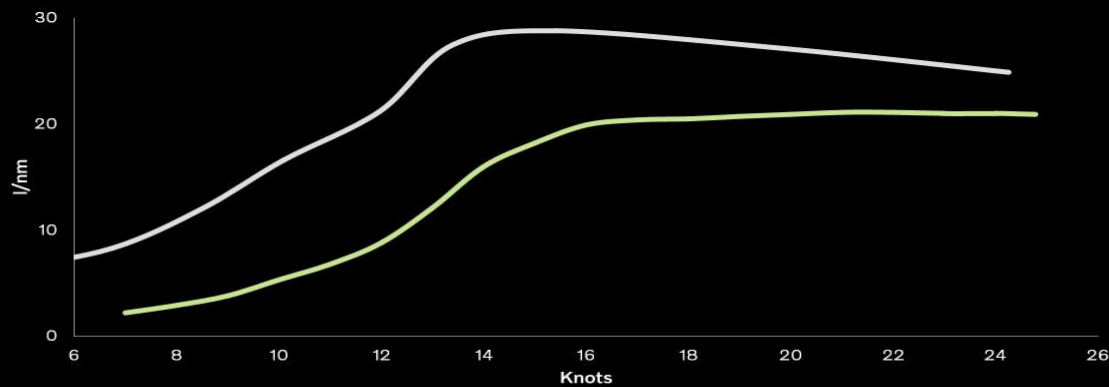
126' superyacht



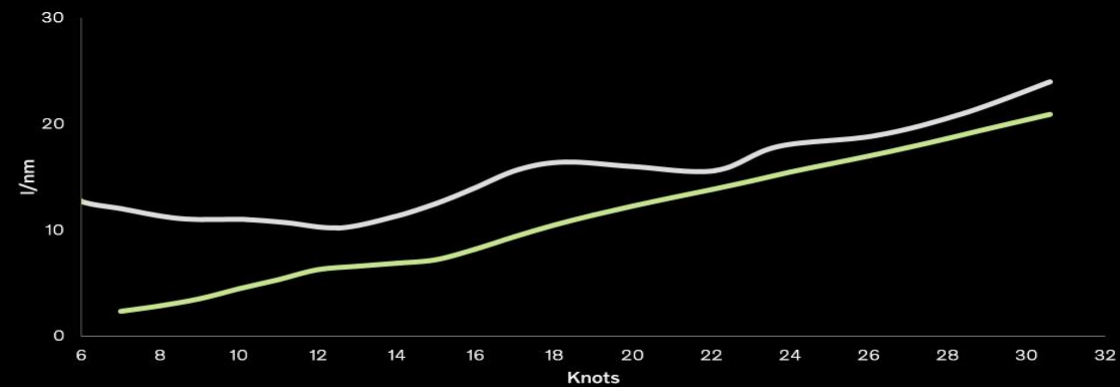
125' superyacht



27m Crew Transfer Vessel



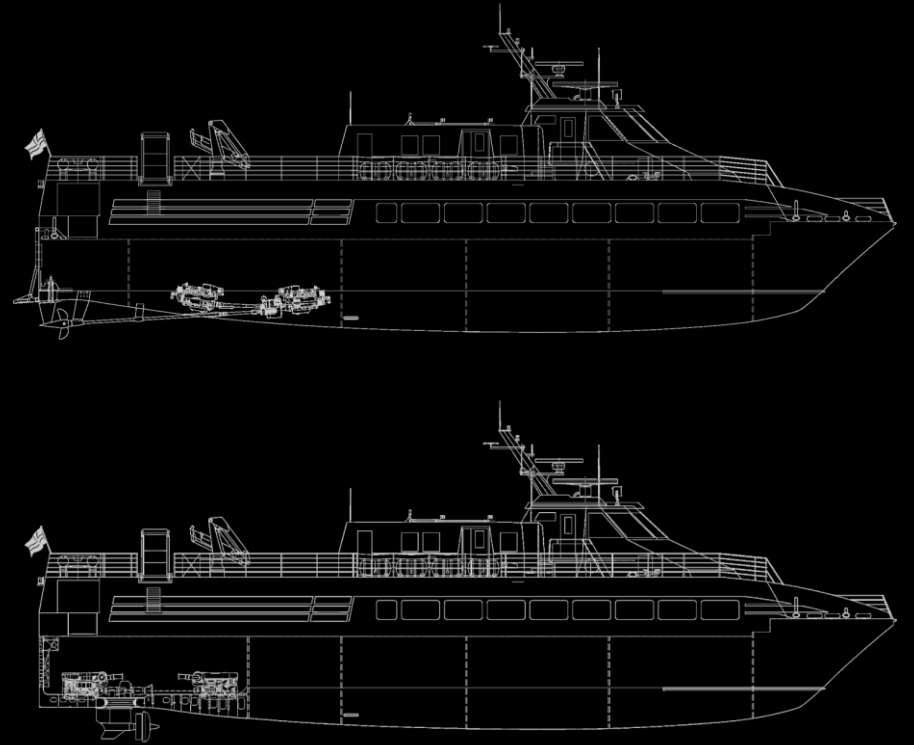
37m Passenger Ferry



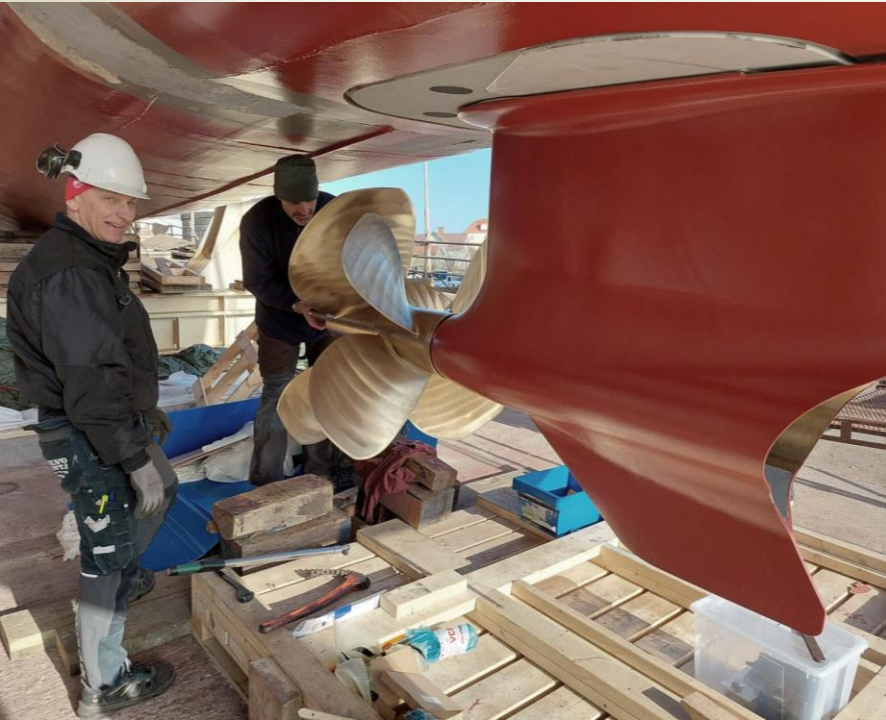
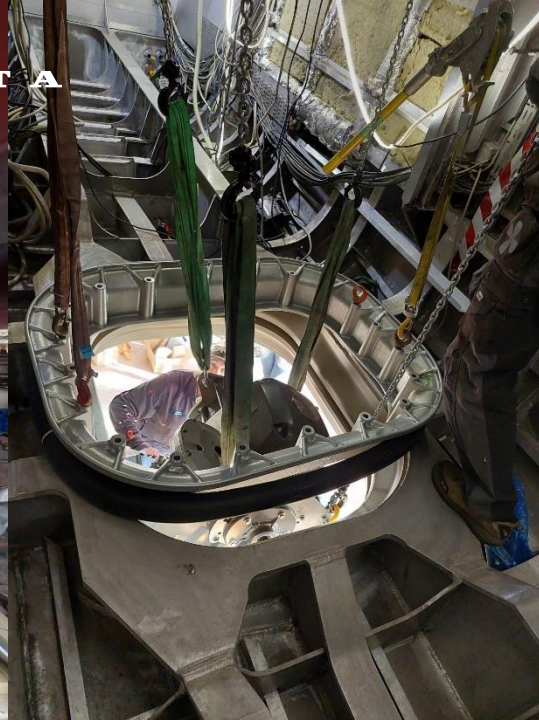


VOLVO PENTA

## Reborn Ferry







**“We did save about 2000 kg of weight, despite adding the IMO III compliant after treatment system.”**

**“The new engine room is 4 meters shorter”**

*Aniko Holm,  
Chief Mechanic, Volvo Penta Test Center*





**“It perform close docking manouvers like a childplay”**

**“ECO mode together with the forward facing counter-rotating propellers saves significant of fuel”**

**“Are the engines running?  
Impressively low noise and vibration levels.”**

*Thomas Hansson,  
Captain, Volvo Penta Test Center*

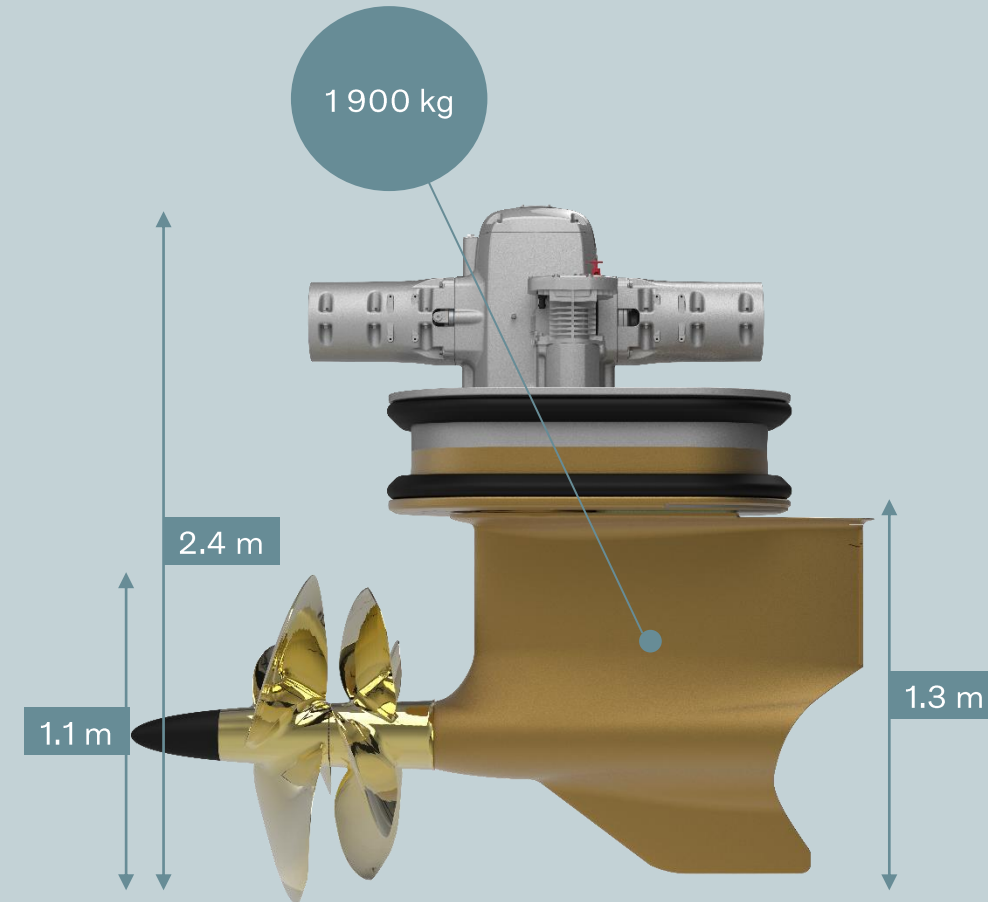




# Technical Data

- Vessel sizes from approx. 25 to 55 m and 40 to 600 tonnage
- Speed range 12-40 knots
- Propeller series in bronze, R2-R14
- Gear ratio 2.91

Engine	Rating	Twin	Triple	Quad
D13-1000	5	4 000 hp / 2 940 kW	6 000 hp / 4 410 kW	8 000 hp / 5 880 kW
D13-900	4	3 600 hp / 2 648 kW	5 400hp / 3972 kW	7 200 hp / 5 296 kW
D13-800	3	3 200 hp / 2 352 kW	4 800hp / 3528 kW	6 400 hp / 4 704 kW
D13-700	2	2 800 hp / 2 060 kW	4 200hp / 3 090 kW	5 600 hp / 4 120 kW



## Features & Benefits



### Comfort

- Silence, low noise and vibrations
- Compact engine room, more space for crew and cargo



### Cost of ownership

- Low fuel consumption
- Longer time between service and overhaul



### Performance

- Market leading manouverability
- Forward facing propulsion efficiency



### Sustainability

- Flexible with modular power input options, prepared for electrification
- Low exhaust emissions, IMO III



### Uptime

- Uptime stock on IPS40 units, high volume engine, spare parts available 24/7
- Advanced connectivity enabling remote diagnostics and predictive maintenance
- Premium 24/7 support

VOLVO PENTA

# From power to superpower

Introducing the all-new Volvo Penta IPS Experience

