

alamarin-jet

35
YEARS
of excellence

GO WITH THE FLOW

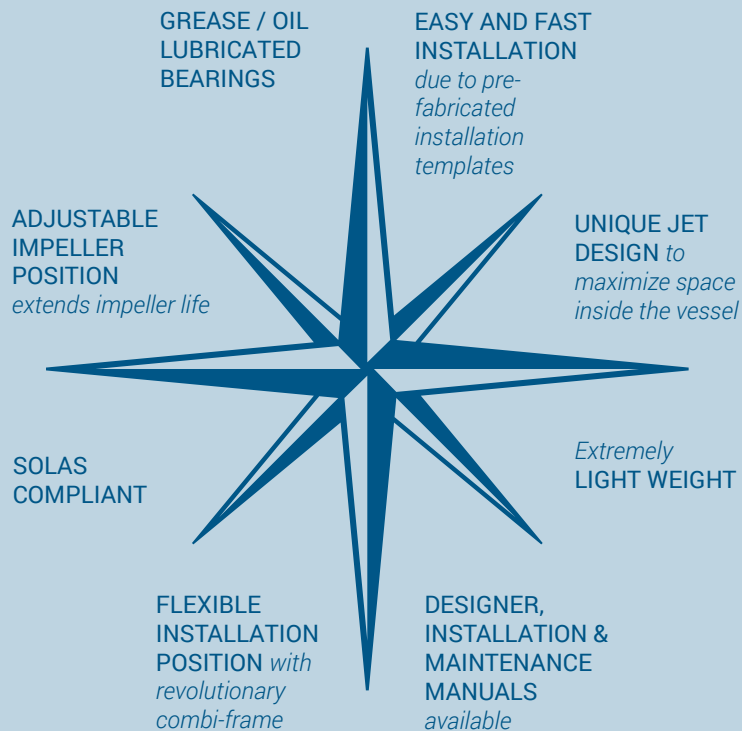
SINCE 1976





THE ART OF CROSSING SEAS

*Explore the excellence:
Magnificent reasons for choosing
Alamarin-Jet propulsion units.*



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HIGH QUALITY WATER JETS FOR DEMANDING USE

Alamarin-Jet is a global supplier of **high quality water jet propulsion units**. As our jets are designed for use in an arctic and rocky archipelago, we can promise excellent performance and endurance, even for the most demanding needs and conditions.

Alamarin water jets have **revolutionary features**. A raw water outlet and stainless steel impeller duct are standard on all models. Different drive and adapter flanges are available for various shaft models. Optional installation templates are available for easy and correct installation.

Our global sales and service network offers **worldwide support** on all continents. In addition to normal user manuals, installation and designer manuals are also available.

More information and manuals at
www.alamarinjet.com

Alamarin water jets are used in a wide range of vessels around the world:

Fast rescue boats

Crew boats

Patrol boats

Military vessels

Fishing vessels

Pleasure boats

Pilot boats

Work boats

Passenger boats

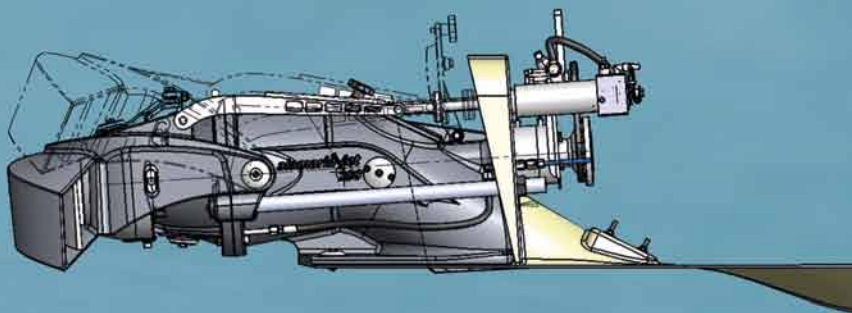


SELECTING THE JET

To ensure the correct choice of jet type for each application, it is essential to start with **optimising components and equipment**. With the main information effecting performance – boat type; hull design, characteristics and material; speed requirement; engine type – we provide a calculation, which helps to select the suitable jets for the vessel.

If available, a lines drawing and hull resistance data make predictions even more accurate.

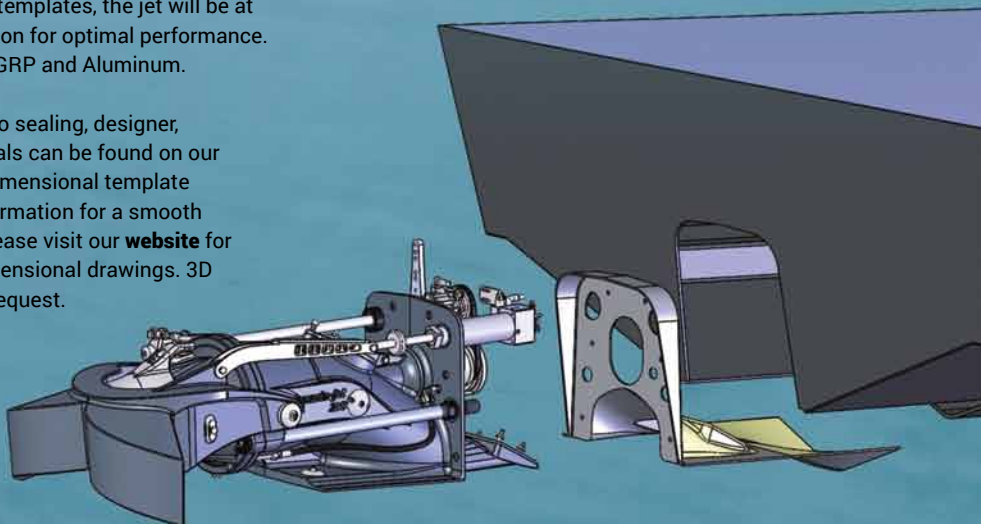
You can provide us with the information by filling in an **Application Questionnaire (AQ)** form, which you can request from your Alamarin-Jet representative or directly from sales@alamarinjet.com.



INSTALLATION MADE EASY

Detailed guidelines and optional **installation templates** are available to ensure easy and correct mounting of Alamarin water jets. Using templates, the jet will be at the correct angle and position for optimal performance. Templates are available in GRP and Aluminum.

Instructions from cutouts to sealing, designer, installation and user manuals can be found on our website. We also provide dimensional template drawings that offer full information for a smooth manufacturing process. Please visit our **website** for the latest manuals and dimensional drawings. 3D drawings are available on request.



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IO CONTROL

INTELLIGENT OPERATION

Complete control system with increased steering efficiency in docking mode.

All possible maneuvering directions, with minimal steering movements.

Logical and quick to learn, vessel movements to the same direction as joystick movements.

Wheel-Joystick combination available.



- Easy maneuvering for multiple jet vessels
- Informative display
- Full back-up system
- Left stick steering, right stick throttle and reverse deflector control

CAN STAND THE WEATHER

- Designed in arctic conditions
- Fully weather proof system, also for open deck boats
- Secondary control station available
- Available for AJ 230, AJ 245 & AJ 288 twin installations



Alamarin-Jet propulsion units









Hydraulic system

Main control unit

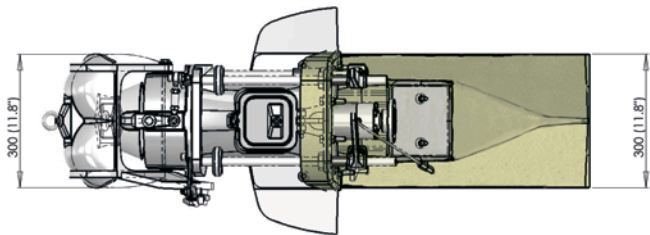
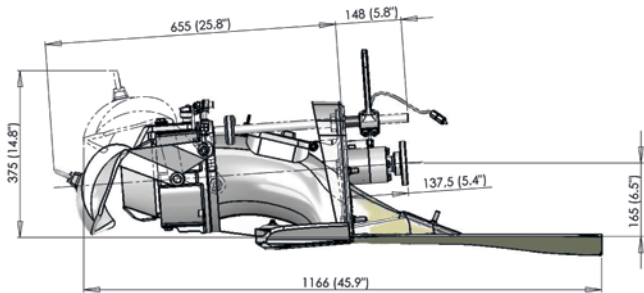


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AJ 160

 Pump type axial flow, single stage	 38 kg (84 lbs)	 Max. 1000 kg (2200 lbs) per single jet, planing boat	 Max. 74 kW (100 mhp)	 Impeller shaft RPM max. 5000 1/min.	 Impeller diameter max. 186 mm (7.3")	 Reverse deflector mechanical or electronic	 Aluminium, stainless steel
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Grease lubricated front and rear bearings.



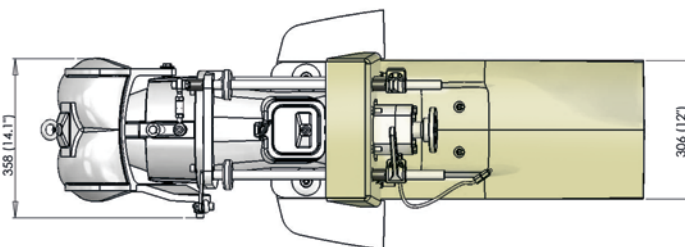
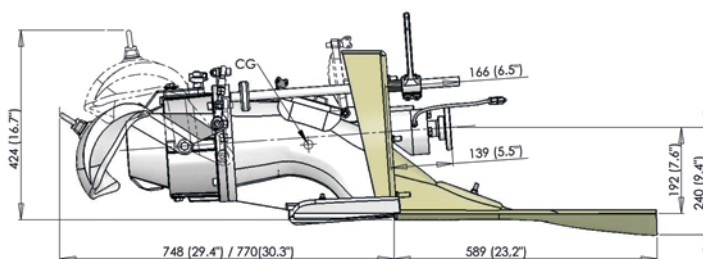


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AJ 180/185

							
Pump type axial flow, single stage	48 / 50 kg (106 / 110 lbs)	Max. 1700 kg (3700 lbs) per single jet, planing boat	Max. 110 kW (150 mhp) / 120 kW (163 mhp)	Impeller shaft RPM max. 5000 1/min.	Impeller diameter max. 192 mm (7.6") / 197 mm (7.8")	Reverse deflector mechanical or electronic	Aluminium, stainless steel

Grease lubricated front and rear bearings.













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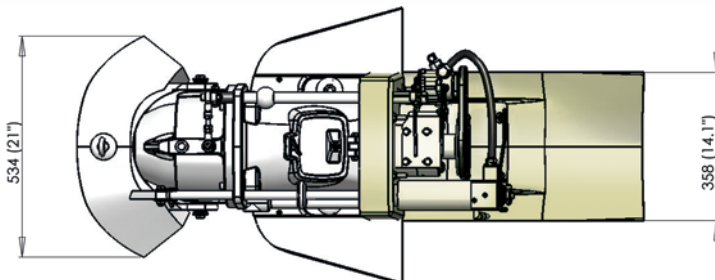
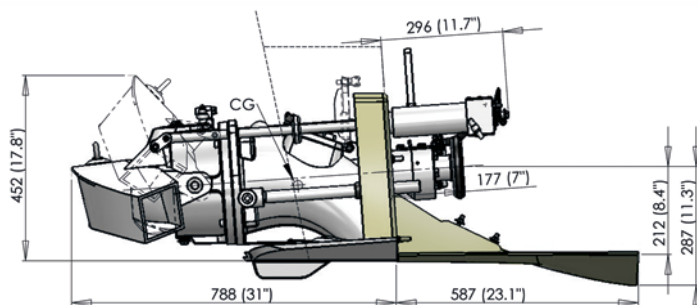
AJ 230

Optional hydraulic oil cooler.

Tube type reverse deflector as standard. Round type and twin installation tube deflector optional.

							
Pump type axial flow, single stage	81 kg (179 lbs)	Max. 3000 kg (6600 lbs) per single jet, planing boat	Max. 190 kW (260 mhp)	Impeller shaft RPM max. 4500 1/min.	Impeller diameter max. 228 mm (9")	Reverse deflector hydraulic	Aluminium, stainless steel

Grease lubricated front and rear bearings.













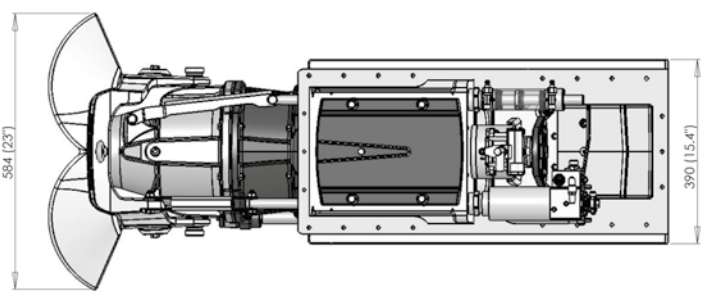
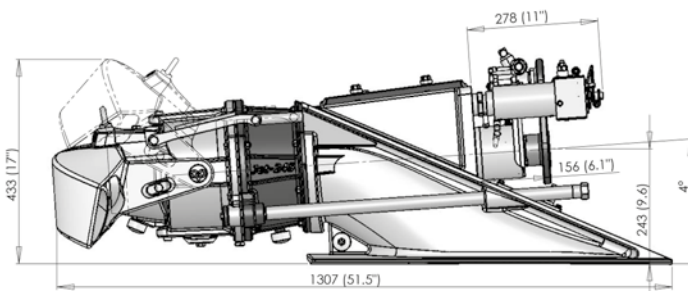
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AJ 245

Integrated reversing cylinder oil cooler and hydraulic cylinder for steering nozzle as standard.
Flexible installation length: short tail or long tail.

							
Pump type axial flow, single stage	95 kg (209 lbs)	Max. 3500 kg (7700 lbs) per single jet, planing boat	max. 235 kW (320 mhp)	Impeller shaft RPM max. 4600 1/min.	Impeller diameter max. 245 mm (9.7")	Reverse deflector hydraulic	Aluminium, stainless steel

High cavitation limits.
Oil lubricated front bearing, grease lubricated rear bearing. Automat as option.













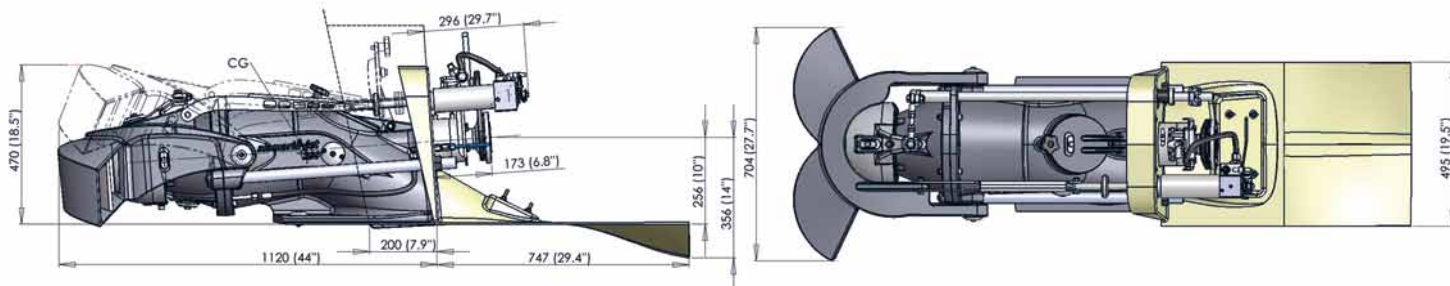
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AJ 288

Optional hydraulic oil cooler.

							
Pump type axial flow, single stage	120 kg (265 lbs)	Max. 5000 kg (11000 lbs) per single jet, planing boat	max. 330 kW (450 mhp)	Impeller shaft RPM max.3700 1/min.	Impeller diameter max. 288 mm (11.3")	Reverse deflector hydraulic	Aluminium, stainless steel

High cavitation limits.
Oil lubricated front bearing, grease lubricated rear bearing (automat).





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We reserve the right for changes without any prior notice