



NETJET™

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 **BRIMMOND**



We are proud to be the UK and Ireland partner for global high pressure pump specialists, KAMAT.



NETJET™ - ENGINEERED TO TRUST



NetJet™ is a high-pressure pump unit that has been designed and manufactured for the safe and reliable cleaning of offshore aquaculture nets.

Brimmond is the first company in the UK to offer a full 360° manufacture, rental and support package for high-pressure net cleaning pumps.

We have dedicated our 25-plus years of marine industry experience into pioneering the most reliable, effective and user-friendly net cleaning pump on the market.

But if you do need our support, our fleet of specialist vans, stock of critical spares and experienced hydraulic technicians based in Scotland can rapidly provide on-site technical support and maintenance.

WHAT IS IT?

Designed in conjunction with the aquaculture industry, for the aquaculture industry, the NetJet™ 350D is a pump unit for net cleaning in the harshest of environments.

The unit features a KAMAT High Pressure Plunger pump, driven by a Scania DI09 Marine engine. The externally mounted duplex filters, air filtration and completely removeable canopy aid easy and safe maintenance, as well as increased uptime.

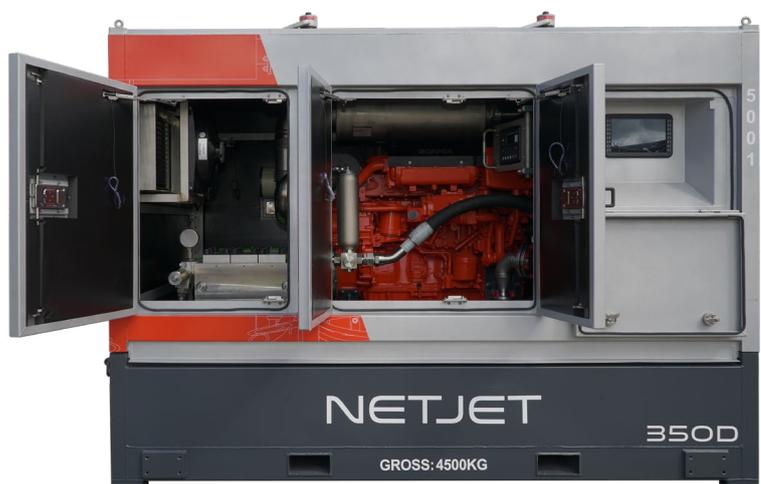
The NetJet™ is available to purchase as well as rent and can be configured to your exact specification, with options including diesel engines or electrical motors.

KEY FEATURES

- KAMAT High Pressure Pump:
(Max Flow - 500lpm / Max Pressure - 230 Bar)
- Scania DI09 Marine Engine: 350hp
- 9" Digital Display + Radio Remote
- Stainless Steel Fuel Tank: 290L
- Externally Mounted Duplex Filters: 4" Stainless Steel
- Removeable Marine Grade Aluminium Canopy



4" Duplex filters, externally mounted



Highly accessible for routine maintenance and servicing

WHY CHOOSE NETJET™?

USER-FRIENDLY NET CLEANING

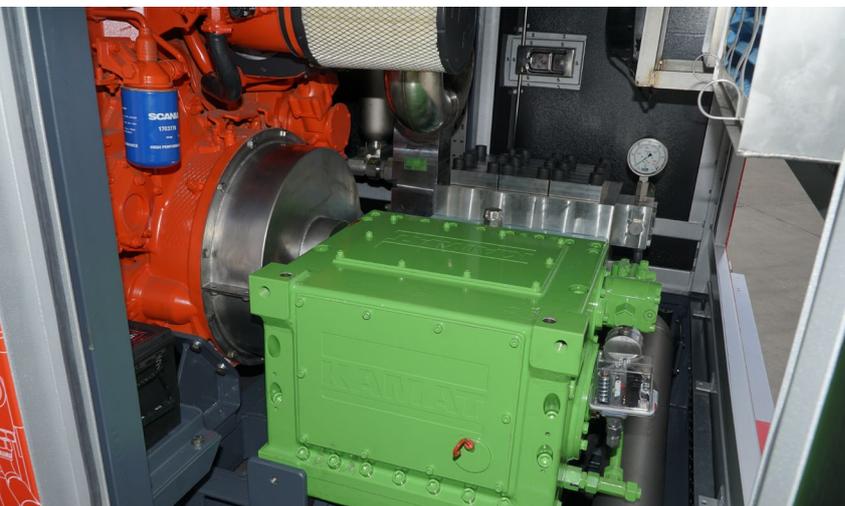
- From initial installation, every aspect of NetJet™ has been carefully designed to make net cleaning as safe and straightforward as possible.
- Flow and pressure are both easily adjustable, offering a pressure range from 50 to 230 Bar, and a flow range from 250 to 500lpm.
- The robust and reliable 4-point lifting frame ensures safe and easy relocation.
- The system is fully controllable using radio remote control or a local 9" LED control panel which has been specifically developed for the NetJet™.
- Integrated 290L stainless steel fuel tank with bulkhead fill point for vessel tie in and low level shut off.
- The unit is also fitted with sound attenuating foam to keep the operating noise level to a minimum.

EASE OF MAINTENANCE

- Ease of maintenance was one of the primary design objectives for NetJet™.
- The unit has various doors and access panels, ensuring easy access to key service and maintenance areas.
- For more extensive servicing the canopy is easily removed, allowing uninhibited access to the pump and engine.

INCREASED UPTIME

- The user-friendly 'plug and play' system is easy to install and adaptable for all net cleaning systems.
- The 4" stainless steel duplex filters are mounted externally giving unrestricted access for safe filter changes while the unit runs, enhancing productivity and negating the introduction of salt water into the unit during routine filter changes. The filters can be supplied with reusable mesh baskets or disposable filter bags.
- The KAMAT High Pressure Plunger pump is renowned for its high reliability and high run hours between service intervals.



KAMAT High Pressure Plunger Pump



9" Touch Screen – display developed specifically for the NetJet

RELIABILITY AND LONGEVITY

- The NetJet™ has been specifically designed to withstand harsh and high salinity environments.
- Inside and out, the design caters to harsh outdoor and offshore conditions: a solid frame composed of high-quality components offers maximum protection from the elements.
- The elevated frame and clever canopy minimise water penetration.
- IP65 marine air filters offer superior protection from water ingress compared to fixed louvres. Salt, moisture and other contaminants are filtered before entering, increasing the life-span of the unit.
- Flow and pressure are provided by a reliable KAMAT high-pressure pump, which is configurable to most types of net-cleaning Remotely Operated Vehicle (ROV).

TAILORED NET CLEANING SOLUTIONS

- For rental, we work closely with you to establish vital details such as vessel footprint, location, deck fastenings, connections and fittings, and can supply NetJet™ for a range of durations.
- For purchase options, we can configure the NetJet™ to your exact requirements.

TECHNICAL SUPPORT WHERE AND WHEN YOU NEED IT

- The NetJet™ is designed and manufactured in Aberdeenshire, Scotland.
- Located within 5 hours of most Scottish mainland aquaculture farms, our fleet of specialist vans kitted out with a stock of critical spares can be rapidly deployed to provide you with technical support and maintenance.



Folding step and handrails to give access to filters, all bulkhead connections are located on a single face of the unit

RENTAL OPTION

MOTOR TYPE	DI09 070M. 257 kW (350 hp), IMO Tier II, EU Stage IIIA
STARTER	Key Start—Battery (24v)
ENGINE POWER	257kW @ 1800 rpm 1600Nm @ 1200 rpm
HIGH PRESSURE PUMP	KAMAT K25065MC-3G
PUMP OUTPUT	Maximum Flow Rate: 500lpm - Maximum Pressure: 230 Bar Specified for: 500lpm @ 230 Bar @ 1934rpm
TRIPLEX PUMP CONTROL	Variable Flowrate: 250-500lpm Variable Pressure: 50-230 Bar
CANOPY	Marine Grade Aluminium Canopy (Removable), Sound Attenuating Foam, Air Inlet filtration
BOOST PUMP	Belt Driven Stainless Steel Centrifugal Pump Single rubber bellows mechanical seal
COOLING	Seawater cooled
FUEL TANK	290L Useable Volume, Stainless Steel, Low Level Shut Off
FLUID TYPE	Saltwater / Fresh Water
FILTRATION	Duplex 4" 316SS Filter Pots - 315 Micron mesh basket Vent and Drain connections - Duty and Standby. Isolations allowing live filter change outs
CONTROL PANEL CONTROLS	Engine Start / Stop - Engine Speed Control Emergency Stop - Pneumatic Pressure Regulator
CONTROL PANEL INSTRUMENTATION	Engine Speed - Pump Output Pressure - Pump Output Flowrate Engine and Pump Diagnostics - Low Boost Pressure Alarm
SAFETY FEATURES	Pressure Safety Valve Local and Remote Emergency Stop
BULKHEAD CONNECTIONS	Configurable to customer requirements
MOVING & HANDLING	4 Point Overhead Lift - Forklift Pockets Sacrificial Deck Tiedowns - D-Ring Lashing Points
DIMENSIONS	3000mm (L) x 1500mm (W) x 2350mm (H)
WEIGHT	4,500kg

PURCHASE OPTIONS

OPTIONS	Configurable to client requirements
DOORS	Standard or roller
CANOPY MATERIAL	Aluminium / mild steel / stainless
FILTERS	Single / duplex / self-cleaning
LOUVRES	Standard fixed or 2 stage eliminators
FUEL TANK	With or without
PUMP	Various sizes of KAMAT (K18065-MCH, K25065-MCH)
ENGINES	Various powers (150hp - 850hp)
CONTROL	With or without radio remote



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