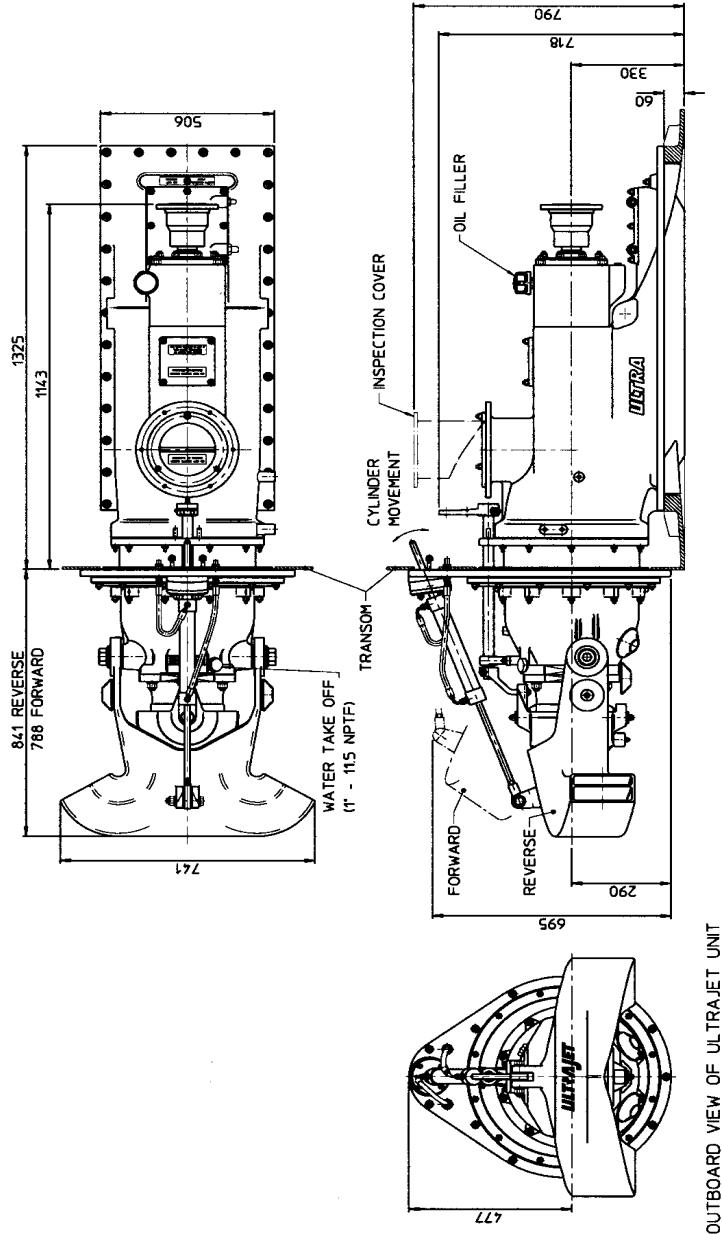


# UltraJet 376 Installation Data

## Typical Specifications:

1. Impellers are available to match most diesel and gasoline engine and transmission combinations for optimum thrust performance.
2. DIN, SAE or other drive flange options can be supplied.
3. Unit weight 309 kg (680 lb) dry. 391 kg (860 lb) including entrained water.
4. Consult ULTRA Dynamics Technical Department for vessel and performance analysis.



OUTBOARD VIEW OF ULTRAJET UNIT

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*We have a policy of continuous improvement in design. Specifications may, therefore, be changed without notice.  
 When considering applications for this equipment it is recommended that our Technical Sales Department is consulted.*

# ULTRAJET<sup>®</sup> 376

## **New UltraJet 376 Features & Benefits**

- **New low profile for lower decks**
- **New hydrodynamic intake housing with integral oil cooler**
- **Higher inspection cover to prevent overflow**
- **Higher mid-range thrust for improved cruising speed and economy**
- **Less static hull immersion required for initial priming**
- **Wide range of Ultra-developed hydromechanical and electrohydraulic reversing controls**
- **Standard rubber impeller shaft bearing or optional composite bearing if dry running is required**
- **High propulsive efficiency**
- **Superior maneuverability. Ability to accelerate quickly, reverse, stop, rotate, hold station and move sideways for ease of docking.**
- **Excellent resistance to cavitation in displacement craft - high thrust at low speed**
- **Lower vibration and noise levels than other propulsion methods**

## **Description**

The UltraJet 376 is derived from the Ultra (formerly Dowty) jet drive range, which has been used extensively in military and commercial applications for over 40 years.

The UltraJet 376 is a single stage axial flow design incorporating an impeller with a diameter of 375mm (14.8 inches), which develops higher thrust per horsepower at boat speeds between 0 - 20 knots than any equivalent sized waterjet on the market.

The hydraulic reverse control system has been totally integrated onto the waterjet, simplifying the installation for the boat builder and allowing the complete reverse control system to be factory tested before despatch.

### **Planing Craft (above 25 knots)**

Maximum input power 522 kW (700 bhp)  
Suitable for craft displacements as follows:-

Single jet up to 12 tonnes (26,400 lb.)  
Twin jets up to 26 tonnes (57,200 lb.)  
Triple jets up to 41.9 tonnes (92,400 lb.)

### **Displacement Craft (below 15 knots)**

Maximum input power 261 kW (350 bhp).  
Suitable for craft displacements as follows:-

Note: The displacement figures below can often be exceeded on good hull shapes.

Single jet up to 20 tonnes (44,000 lb.)  
Twin jets up to 44.9 tonnes (99,000 lb.)  
Triple jets up to 89.8 tonnes (198,000 lb.)

