UK Carrier Strike Group V2

Type 45 destroyer

Description

The Type 45 destroyer, also known as the Daring class, is a highly advanced air-defense destroyer in the United Kingdom's Royal Navy, designed to replace the older Type 42 destroyers and serve as a key component of the Royal Navy's Carrier Strike Group. With a displacement of around 8,500 tonnes and a length of 152.4 meters, it is one of the largest and most capable destroyers in the world. The ship features a stealthy design with reduced radar cross-section, powered by an Integrated Electric Propulsion (IEP), allowing it to reach speeds over 30 knots. The Type 45 supports helicopter operations, typically using a Merlin HM2 for various missions, including anti-submarine warfare. With a crew of around 190, the Type 45 has been deployed globally for air defense, maritime security, and NATO operations since its introduction in the mid-2000s, and it remains a critical asset in the Royal Navy's fleet, ensuring the protection of UK naval interests worldwide.