

China aircraft carrier nears launch

China's third aircraft carrier, known for now as Type 003, features advanced aircraft launching technology that will propel China into an exclusive club with the U.S. and France



TYPE 003

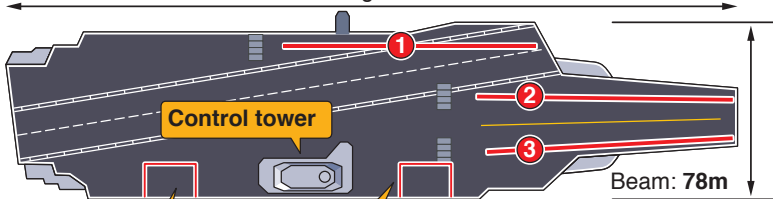
Propulsion: Conventional

Displacement:

85,000-100,000 tonnes

Length: 320m

Catapults (x3)



Elevators (x2): Move aircraft between hangar and flight deck

USS Gerald R. Ford (CVN-78)



► Instead of ski ramp, Type 003 features **CATOBAR*** system, where aircraft use catapult-assisted take-off and land using arrestor wires. **CATOBAR enables launch of bigger fixed-wing aircraft with heavier payloads and more fuel**

► Like new U.S. **Gerald R. Ford-class**, Type 003 will use electromagnetic launch system instead of steam catapult, enabling faster launch rate

*Catapult Assisted Take-Off But Arrested Recovery