



# Caterpillar D7C



Front view, left side

Picture courtesy of Ib Dramshøj, Glostrup via Brian Brodersen

**Danish Army Specific:** 4 standard D7C were purchased in 1957 around s/n 17A7200 (shown to the left.

**Historical:** The D7C model was introduced in 1955 with new and more powerful models as the D7D, D7E and D7F following. The current D7G model has served both in the Gulf War and in Bosnia and both have been fitted with an armoured cab and chain flail device for mine clearance.

US Army designation was "Tractor, Full-Track, Low-Speed, DED, Medium DBP, with Hydraulic Bulldozer".

Used for general bulldozing, pan pushing, tree dozing, scraper towing and other types of construction work.

Apart from the above mentioned tasks, the D7 could be used as tractor for a 240 mm howitzer and a 155 field gun.

**Length:** 4.26 m (166 inches), w/dozer 5.80 m (226 inches).

**Width:** 3.38 m (132 inches), w/dozer 4.10 m (160 inches).

**Height:** 2.44 m (96 inches).

**Weight:** 12.300 kg (27.060 lb.), w/attachment approximately 16.000 kg. (35.200 lb.).

**Engine:** Caterpillar 4-cylinder, type D399PC, 13.618 cm<sup>3</sup> (831 cubic inches), liquid cooled.

**Horsepower:** 128 at 1.250 rpm.

**Transmission:** N/A..

**Transfer case:** N/A.

**Electrical system:** 6 volt.

**Brakes:** Individual oil cooled multi plate steering clutch and brake for each side.

**Fording depth:**

**without preparation:** N/A.

**Tyres:** None.

**Fuel type:** Diesel.

**Fuel capacity:** 303 liter (66 gallons).

**Range:** N/A.

**Crew:** 1.

**Additional:** A 2-cylinder vertical gasoline engine was fitted to the left hand side of the diesel engine. This starting engine had electrical start. The starting engine exhaust pipe provided preheating for main engine intake air.

The machine were fitted with Caterpillar No46 Hydraulic Control for Bulldozer and either with a rear fitted No 25 double drum Cable Control for Scraper or a Hyster D7N 15 ton winch.