

## Tracked Tractors

A "**Bulldozer**" is a TRACTOR equipped with a substantial metal plate (known as a dozer blade) used to push large quantities of soil, sand, rubble, or other such material during construction or conversion work and typically equipped at the rear with a claw-like device (known as a ripper) to loosen densely compacted materials. The term "bulldozer" correctly refers only to a TRACTOR (usually tracked) fitted with a dozer blade. (The Blade is the Dozer).

It is usually a crawler (continuous tracked) TRACTOR. The tracks give them excellent ground holding capability and mobility through very rough terrain. Wide tracks help distribute the bulldozer's weight over a large area (decreasing ground pressure), thus preventing it from sinking in sandy or muddy ground.

Caterpillar might be known for its big yellow construction machines, but it started off as a farm-equipment manufacturer. The first Caterpillar tractor, invented by Benjamin Holt, rolled on to the fields in 1904. In 1925, Holt Manufacturing Company merged with its rival, Best Tractor Company, to establish The Caterpillar Tractor Company (name was not changed until 1986). First produced in 1934 to 1939 to replace the CAT 20 - 15,000 of these 6 Ton tractors were built.

The Twenty-Two was a versatile machine, as it was paired with a wide variety of other equipment depending on the job at hand. Most notably, the tractor was available as an orchard model, with fenders mounted over the tracks to keep branches out of the tracks as the tractor moved through the orchards.

On a farm it would have been paired with a 12 to 15-ft. (3.7 to 4.6 m) engine driven combine; three or four plow bottoms; one 10-ft. (3 m) disc harrow; a mower; or 20 ft. (6 m) of grain drills. In logging or industry applications, it would have been able to handle small wagons, sleighs, logging winches or oilfield winches.

For construction and roadwork, it would have been paired with the Caterpillar No. 22 blade grader; No. 22 terracer; No. 4 Hi-Way Patrol; or No. 1 terracer. It also could have been paired with .5 yd. (.46 m) rollover scrapers or small bulldozers built by other manufacturers.

### **Caterpillar Tractor / Crawler**

- YEAR: 1936
- MODEL: CAT 22 - 1J
- COUNTRY: U.S.A.
- ENGINE: Petrol - water cooled - 25HP. 4.1L - 4 Cylinder - B&S 4" & 5"
- S/N: 1J39558P
- ITEM NUMBER: 47
- DONATED BY: Mr Alan Ross

