

## JNR D51 - 2007 Edition



The Japan National Railway D51 ("DEGO-ICHI") are the most popular steam locomotives in Japan. These Mikado locomotives served all over Japan from Karafuto (Sakhalin), Hokkaido to Kyushu, and Taiwan. They were not only freight locomotives but also were used as

passenger locomotives both before and after the war period. Various manufactures including the Government Railways' major workshops manufactured JNR D51 locomotives. First built in 1936, a total 1,115 were built.

D51 class locomotives were categorized into three groups. The original type had its heater, steam dome and sand box encased in one streamlined dome. The standard type had its heater relocated on the front of the chimney for ease of maintenance. Finally, the war period type was manufactured.

Aster's model is the D51 streamlined dome which was the first type or version serving in the main territory of Japan. The Class D51 was probably the most popular steam locomotive in Japan. One surviving unit is kept in working order by East Japan Railway Company, occasionally hauling excursion trains in Eastern Honshu.

## Specifications

**Scale/Gauge:** 1/30, NO.1 GAUGE (45 mm)

**Weight:** 7.8kg(5.5kg+2.3kg)

**Length:** 695mm(460mm+260mm)

**Width:** 107mm

**Height:** 140mm

**Wheel Arrangement:** 2 - 8 - 2 (Mikado)

**Driving Wheel:** 49mm

**Pilot and Trailer Truck Wheel:** 32mm

**Tender Truck Wheel:** 32mm

**Axle Driven Pump:** BORE 5 mm x STROKE 6 mm

**Cylinder:** 2 cylinders FUNCTIONAL DRAIN VALVE FITTED

**Valve Gear:** Walschaert

**Boiler Type:** C type

**Water Capacity:** 300ml at 70%full

**Boiler Fittings:** 2 x safety valves, water gauge, pressure gauge, whistle, throttle and blower valves, by-pass valve blow-down valve, super heater

**Lubricator:** ROSCOE DISPLACEMENT TYPE

**Tender:** HAND OPERATION PUMP (BORE 11 mm × STROKE 15 mm)

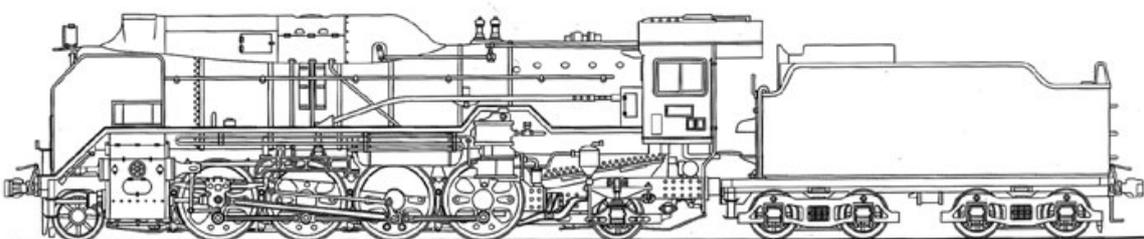
**Water Tank Capacity:** 400ml

**Fuel:** Methyl alcohol

**Fuel Capacity:** 200ml

**Minimum Radius:** 2m

[To view component parts - click here](#)



[For information on the JNR D51 produced in 1987 - click here](#)