

Abstract

Provided are a rope inspection device capable of accurately detecting deterioration of a rope used in a work machine and a work machine including the rope inspection device. The rope inspection device (7) is attached to a crane having a machine body that includes a backstop (45), a boom capable of rising/lowering relative to the machine body, a winch, and a rope (51) that is led out from the winch. The rope inspection device (7) includes a rope inspection unit (70) capable of inspecting the deterioration state of the rope (51), and a support unit (7S) attached to the machine body, the support unit (7S) supporting the rope inspection unit (70) so that the rope inspection unit (70) is able to follow the movement of the rope (51).