

Abstract

A storage unit (51) stores hoisting height error information about a hoisting height error (ΔL) associated with magnitude of a derricking angle (θ) of an attachment (14) and magnitude of a lifting load (F). The hoisting height error (ΔL) is the difference between a hoisting height calculation value (Lc) and an actual hoisting height (L) of a hook (19b). An arithmetic unit (53) calculates a hoisting height calculation value (LC) based on a derricking angle detection value that is the derricking angle (θ) detected by an attachment angle sensor (35) and a winding amount detection value that is a winding amount detected by a winding amount sensor (37). The arithmetic unit (53) uses the hoisting height error information to determine a hoisting height error corresponding value that is the hoisting height error (ΔL) corresponding to the derricking angle detection value and a lifting load detection value that is the lifting load (F) detected by a lifting load sensor (33), and corrects the hoisting height calculation value based on the determined hoisting height error corresponding value.