

## **ABSTRACT**

### **A ROOF TANK CLEANING MACHINE**

The Invention relates to a roof tank cleaning machine, comprising a crawler vehicle chassis, the top of the crawler vehicle chassis is provided with a screw driving motor for a lifting platform, a balanced support telescopic rod is provided at one end of the screw driving motor, a support wheel is provided at the other end of the balanced support telescopic rod; the top of the crawler vehicle chassis is provided with a scissor lifting structure of the lifting platform, the other end of the scissor lifting structure is provided with a top base of the lifting platform, one end of the top base of the lifting platform is provided with a sliding rail and a support for a scrubbing head, one end of the sliding rail and the support is provided with a scrubbing head sliding motor, the other end of the scrubbing head sliding motor is provided with a scrubbing head sliding transmission belt, the other end of the scrubbing head sliding transmission belt is provided with a scrubbing head slide running screw, a scrubbing device is arranged outside the scrubbing head slide running screw. The screw driving motor for the lifting platform on one side of the crawler chassis adjusts the balanced support telescopic rod to control the position of the support wheels for lowering the center of gravity of the device and improving the stability of the device

Figure 1