

4.4 Instruments and controls

Familiar with the functions of various control devices, indicating instruments and understanding their positions on the tractor (see Figure 4-1), which are necessary for the correct use of the tractor.

(1) Combination instrument— indicating water temperature gauge, oil pressure gauge, tachometer, oil gauge, voltmeter, etc;

(2) Knob switch—main light switch, horn switch, steering switch, headlight switch, position light switch;

(3) Steering wheel—It controls the direction of tractor running;

(4) Clutch pedal—Step on the pedal to cut off the engine power and achieve power separation.

(5) Differential lock pedal—It is used to combine or separate the left and right rear drive shafts to make the drive shafts on both sides equal or differential speed.

(6) Power output joystick—Used to combine or separate the power output shaft power.

(7) High and low gear joystick—Used to manipulate the gears of the transmission box.

(8) Handbrake joystick—Pull up the hand brake control handle to reliably lock the tractor in the parked position.

(9) Hand throttle joystick—Used to adjust the fuel supply of the engine;

(10) Rocker switch—Emergency warning switch, rear work light switch;

(11) Start switch, preheat switch;

(12) Left and right brake pedal—Connect the left and right brake pedals with a brake interlocking plate, and step on the pedal to realize the left and right emergency stop at the same time; Separate the interlocking plate to realize one-side steering.

(13) Forward pedal—Depress to increase the speed and lift to decrease the speed.

(14) Reverse pedal—Depress to increase the speed and lift to decrease the speed.

(15) Front drive axle joystick—Used to combine or cut off the power of the front drive axle to achieve four-wheel drive or two-wheel drive.

(16) Output valve control handle—Control the working conditions of the oil cylinder on the agricultural implements.

(17) Lifter joystick—Push the lifter handle forward to lower the agricultural implement; pull the handle back to raise the agricultural implement.



Figure4-1
device and
instrument

Control
indicating