Battery

Distance sensors

Magnetometer

Paint marking system

LED

Wheels

Gearbox

Marking system

Drive system

Sensor system

Arduino (Software)

9V

Drives drive system

Power supply

Drives vehicle

Supplies Power

Manages search pattern

Manages travel

Visual marker

Sensor input

Detects mines

Marks mines

Key:

Physical marker

Yellow – Controller/Software

Red – Subsystems

Blue – input

Green – Useful components