

ABSTRACT

POWER UNIT

A power unit (100), comprising a mounting base (10), two driving wheels (20), a traction assembly (30) and a power assembly (40), wherein the two driving wheels (20) rotate relative to the mounting base (10), and each of the two driving wheels (20) is connected to a first rotating shaft (21); the two first rotating shafts (21) are rotatably mounted on the mounting base (10); the traction assembly (30) comprises a first transmission module (31), a second transmission module (32) and a second rotating shaft (33); the second rotating shaft (33) is connected to one end of the first transmission module (31) and one end of the second transmission module (32), and the other end of the first transmission module (31) and the other end of the second transmission module (32) are respectively connected to the first rotating shafts (21), so that the two driving wheels (20) synchronously rotate; the first transmission module (31) is a synchronous-belt transmission module; the second transmission module (32) is a chain transmission module; and the first transmission module (31) acts on the second rotating shaft (33) and the first rotating shafts (21), and the second transmission module (32) acts on the second rotating shaft (33) and the first rotating shafts (21), so that the second rotating shaft (33) is connected to the two driving wheels (20), thereby ensuring that the two driving wheels (20) synchronously rotate under the joint action of the second rotating shaft (33), the first transmission module (31) and the second transmission module (32).

(FIG 1)