

## RGZXC Case Packing Line



RGZXC case packing line is a robot gripping type packing production line which is designed for big diameter cartridge in civil explosive industry. The production line has the features of high-level automation and integration, large capacity, wide application, steady performance, easy maintenance, fast changeover.

- Adopt special Delta 2 robot and gripper technology, and make sure packing high-efficiently and steadily.
- The control system uses a high-performance motion controller with fast packing speed and high degree of automation.
- The use of lightweight aluminum profiles for the production of the connecting rods enables the entire robot to have low inertia and large load capacity.
- By changing the gripper, case packer can be used in a packing environment for a variety of materials.
- There is no fixed operator in the whole line, which greatly reduces the labor intensity of the operator.

### Specification:

Product model	RGZXC
Applicable material	Emulsion explosion big diameter cartridge wrapped by plastic film
Applicable specification	Diameter: $\phi$ 60- $\phi$ 130mm, Length: 330-500mm
Repeatable positioning accuracy for gripping	$\pm 1$ mm
Gripping speed of robot	Running steadily 12-14 cycles/min, max 16cycles/min (Gripping one layer/per cycle)
Operator	No fixed operator, inspector 1 person