

ABSTRACT

This application relates to the technical field of plastic bottle production and discloses a fixture device including: a fixed frame; a first fixed plate slidably provided on a guide rail; a second fixed plate provided thereon with two mold driving plates movable relative to each other; horizontal moving mechanisms provided on the first fixed plate in such a manner as to be slidable horizontally; two first fixtures provided on tops of the respective horizontal moving mechanisms; a first guide seat; a second guide seat; two guide rods; two first connecting seats being slidable on the two respective guide rods; two second connecting seats fixedly provided on the two respective guide rods; a second fixture comprising a first clamping plate fixedly provided at bottom ends of the two first connecting seats and a second clamping plate fixedly provided at bottom ends of the two second connecting seats; and a drive assembly connecting the first and second clamping plates and configured to realize closing or opening of the second fixture. Instead of the rotary fixture in the conventional technology, the second fixture in the fixture device shortens the stroke, improving the utilization rate of plastic materials.

(FIG. 1)