



ROBO-FLEX P

The new linear flexible ROBO-FLEX P feeding system with intelligent vibration platform for all robots or gantry handling.

With the core part of the installation, a vibratory plate, the movement of the component parts in xyz direction can be programmed in such a way as to achieve a targeted manipulation of the parts. As a result, the parts are moved so efficiently with regard to their nature that a high number of parts is prepared for the correctly oriented robotic pickup. Compared to the uncontrolled vibration platforms, higher cycles are achieved this way. Free programming of the throw of parts makes it possible to even put up longish parts or to fill chambers that are fixed directly on the plate.

With the new flexible feeding systems of the ROBO-FLEX series by RNA, you will get the best and most versatile solution on the market, especially for applications with frequently changing part geometries. They can be combined with all different kinds of robotic and control systems. Here, the new flexible feeding systems of the ROBO-FLEX series by RNA manage a performance of up to 120 parts per minute – as fast as no other flexible feeding system.

ROBO-FLEX P

Based on a modular system, RNA also supplies double systems with vibration plates for independent parallel operation. Whilst the robot picks up a part on one platform, the second platform already prepares parts again for the next pickup. This way, there are no idle times, resulting in a considerable increase of cycles. Depending on the size of the component parts to be processed, the platforms are available in different dimensions. They can be supplied with optional features like batch-dose hoppers, quick discharge and recirculation of parts for short retooling times. These retooling times of less than one minute are especially important for families of parts and small batch sizes.



ROBO-FLEX P double system with two vibration plates

According to the cycle time of the installation, the robot can also take over additional tasks which increases the performance noticeably compared to conventional systems. Besides, with a ROBO-FLEX P, different component parts can be fed at the same time. In addition, RNA provide a remote service system for all ROBO-FLEX systems.



RNA Automation Ltd
Unit C Castle Bromwich Business Park, Tameside Drive, Birmingham B35 7AG, UK
Tel: +44 (0)121 749 2566 • Fax: +44 (0)121 749 6217
Email: sales@rnaautomation.com • Web: www.rnaautomation.com