

MANUFACTURING ENGINEERING®

TECH FRONT

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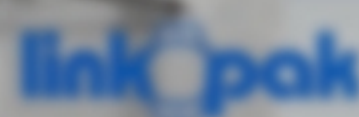
Look, No Hands.



The Link-Pak System from Link-Pak is a hands-free, programmable fixturing system that allows you to change tooling in seconds. This system is designed for use in a wide range of manufacturing applications, including drilling, grinding, and cutting. It is a cost-effective solution for high-volume production environments.

- Complete parts are made in seconds with no tooling changeover.
- No stop time between parts as the Link-Pak system automatically adjusts to the next part.
- Link-Pak also has built-in safety features to protect operators and equipment.

Model	Stroke	Weight	Pressure
LP-100	100 mm	1.5 kg	0.5 MPa
LP-200	200 mm	3.0 kg	0.5 MPa
LP-300	300 mm	4.5 kg	0.5 MPa
LP-400	400 mm	6.0 kg	0.5 MPa
LP-500	500 mm	7.5 kg	0.5 MPa
LP-600	600 mm	9.0 kg	0.5 MPa
LP-700	700 mm	10.5 kg	0.5 MPa
LP-800	800 mm	12.0 kg	0.5 MPa
LP-900	900 mm	13.5 kg	0.5 MPa
LP-1000	1000 mm	15.0 kg	0.5 MPa



Link-Pak Manufacturing Corporation, Inc.

Fixture Flexibly with Pogo Sticks

Replacing dedicated fixturing with flexible fixturing systems may be the solution to the high tooling costs and lengthy setup times common in many aerospace applications. Benefits of this class of technology include reduced hard tooling and tool design costs and time, reduced setup time, and improved machine utilization.

One example of flexible fixturing relies on a special machine tool table equipped with a series of individually actuated programmable pneumatic "pogo sticks" installed within the table structure on 6-18" (152-457 mm) centers. Unlike other systems, pogos move only up and down and not on the table. Each pogo supports a part of the workpiece or sheet from below for routing, abrasive waterjet cutting, drilling, or other processing. Each pogo actuator is communications driven, but uses nonservo pneumatics for low maintenance. Each has a 2" (51-mm)-diam shaft, 72" (1830-mm) maximum stroke,

