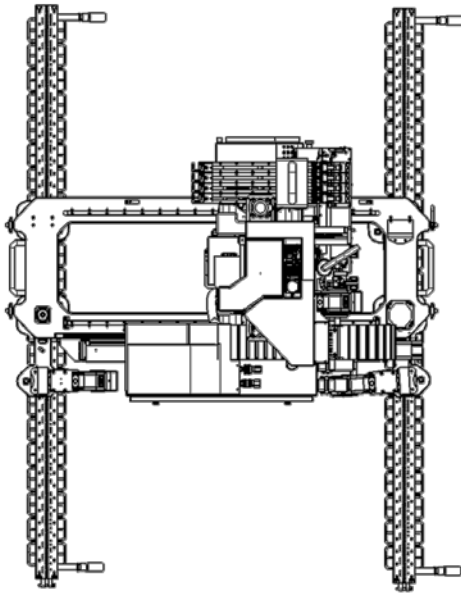




ELECTROIMPACT

32430000 MULTI FUNCTION FLEX TRACK

SPECIFICATIONS



Description

This Flex Track is designed to drill 7/16in diameter holes in hard metal that require large drilling torque and high thrust. Process tools are mounted on a shuttling table allowing constant clamp-up while different tools process the hole. A hole probe is onboard to insure quality holes. The probe measures both diameter and countersink depth automatically. Once drilled, the holes can be held together by single sided temporary fasteners installed by an electronically controlled insertion tool. All the fasteners needed to properly secure the airplane parts are carried onboard the portable machine.

Dimensions

48 in x 22 in x 21 in

Weight

~ 430 lbs + 4 lb/ft vacuum track

Spindle

Servo motor driven HSK40

Hole size: up to 7/16 in

Torque: Std: 8.0 N-m @ 6000 rpm, 6 N-m peak

Pressure Foot

120-500 lb clamp force

Load Cell Feedback

Repeatability/Accuracy

X-Axis: ± 0.015 in

Y-Axis: ± 0.015 in

C-Axis: $\pm 0.03^\circ$

Z-Axis/Depth: +0/-0.003 in

X-Axis

Flexible vacuum tracks

1600 lb load capacity

70 in min radius convex surface

100 in min radius concave surface

50 ft max continuous track length

Y-Axis

37 in wide inside work zone

C-Axis

+5° / -5° travel

Auto Correct about Z-Axis

Controls

Fanuc 31i CNC controller with Fanuc Picture

Hand pendant and Wireless Touch screen

Other

Drill force measurement capability

Flood and Thru-Bit mist lubrication

