

FORMAX 2000

Cold Forming Machine

Product Overview

The FORMAX 2000 cold former advances original FORMAX by raising performance and precision to an even higher level. The FORMAX 2000 design combines Zero-Clearance Heading Slide guiding, Straight across transfer, Sealed heading slide liners, Precision linear feed, quick-change offline setup, and advanced computer controls into a forming system that delivers close-toleranced parts to net or near net shape.



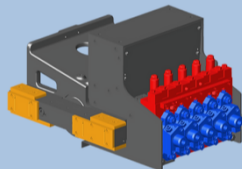
FORMAX Quick Change

FORMAX pioneered the quick-change concept with a Formapak system that can be removed from the machine and set up externally on a Formapak setup fixture. The FORMAPAK is one unit that incorporates the diepak, punchpak, transfer, transfer camshaft, cutter and quill. After the installation of the FORMAPAK, computer controls simplify the adjustment of machine settings. Motor drives make accurate and repeatable kick out adjustments during this automated process. [Read more about FORMAX quick change over and setups.](#)

FORMAX 2000: 2-5 dies, medium and long work models

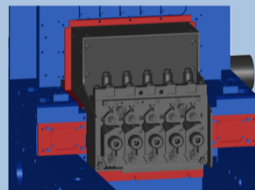
FORMAX	Cutoff Diameter	SPM-Max
FX2	9	400
FX3	12.0	300
FX4	14.8	240
FX5	18.5	190

All dimensions are in millimeters unless otherwise noted. Max speed refers to shortest stroke model specification.



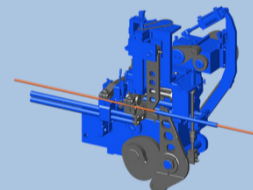
Zero-Clearance Heading Slide Guiding

The Zero-Clearance Heading Slide is a 2-axis design that utilizes fixed liners that provide 'Zero Clearance' during the work stroke of the machine. Zero Clearance Heading Slide Guidance system precisely aligns punches to dies, and part concentricities are held to tolerances once thought impossible.



Sealed Heading Slide Liners

FORMAX is the only Cold Forming machine designed with heading slide liners that are Sealed to prevent foreign materials from damaging the liners and causing excess/pre-mature wear.



Precision Linear Feed

Linear feeding obsoletes traditional feed roll designs with superior cut off blank accuracy without the need for a stock gauge. The linear feed grips are designed to handle the full range of wire diameters so only one set of grips is needed, unlike traditional feed rolls. Linear feed also delivers more precise blanks while eliminating the problems associated with feed clutches and brakes.



Straight Across Transfer

FORMAX 2000's zero clearance transfer system moves blanks across the dies. Is designed for greater machine speed and consistency than traditional transfers.