



RESPECT • SUPPORT • INSPIRE



ROLLER SOLUTIONS™ TOOLING

FOR THICK TURRET PUNCH PRESSES

ROLLER SOLUTIONS TOOLING SYSTEMS OVERVIEW

Mate's family of Roller Solutions™ are the latest example of our superior solutions for sheet metal fabricators. Compared to conventional methods using progressive forming tools, our Roller Solutions help you increase productivity at the press. Roller Solutions can also reduce or eliminate expensive secondary operations. Designed for thick turret B-station applications, Mate Roller Solutions are available in Rolling Rib, Rolling Shear, Rolling Offset and Rolling Pincher configurations.



ROLLER SOLUTIONS TOOLING



ROLLING RIB

- High speed – equal to programmed table travel speed.
- Create ribs in any contour using auto index.
- Rib can be started or ended anywhere on the sheet.
- Works on a wide range of material:
0.032" (0.80mm) – 0.098" (2.50mm) on most material types
- Stock sizes 0.079" (2.50mm) and 0.118" (3.00mm) radii.
- Min. radius 0.630" (16mm) on material up to 0.060" (1.50mm) and 0.78" (20mm) on material greater than 0.060" (1.50mm) depending on machine type.

XAWBD0WR99 ROLLING RIB COMPLETE ASSEMBLY



MAX MATERIAL THICKNESS

0.060" (1.50mm) Stainless Steel
0.079" (2.00mm) Mild Steel
0.098" (2.49mm) Aluminum



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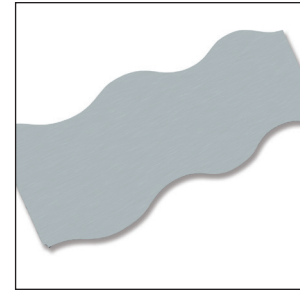
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ROLLER SOLUTIONS TOOLING



ROLLING SHEAR

- High speed – equal to programmed table travel speed.
- Create cuts in any contour using auto index.
- Virtually no burrs or nibble marks; and no scrap.
- Works on a wide range of material:
 - 0.032" (0.80mm) – 0.059" (1.50mm) stainless steel
 - 0.032" (0.80mm) – 0.079" (2.00mm) mild steel
 - 0.032" (0.80mm) – 0.098" (2.49mm) aluminum
- Min. radius 1.771" – 3.937" (45-100mm) depending on machine type.

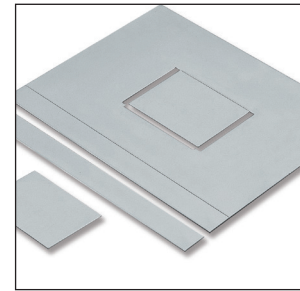


XAWBDOWS99 ROLLING SHEAR COMPLETE ASSEMBLY



ROLLING PINCHER

- High speed – equal to programmed table travel speed.
- Create cuts in any angle using auto index.
- Virtually no burrs or nibble marks.
- Slit can be started or ended anywhere on the sheet.
- No scrap.
- Works on a wide range of material:
 - 0.032" (0.80mm) – 0.059" (1.50mm) stainless steel
 - 0.032" (0.80mm) – 0.079" (2.00mm) mild steel
 - 0.032" (0.80mm) – 0.098" (2.49mm) aluminum
- Min. radius 19.685" (500mm) depending on machine type.

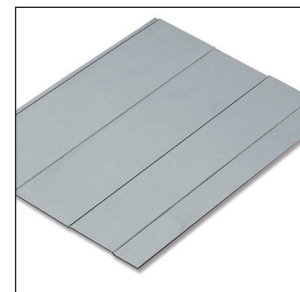


XAWBDOWP99 ROLLING PINCHER COMPLETE ASSEMBLY



ROLLING OFFSET

- High speed – equal to programmed table travel speed.
- Create offsets in any contour using auto index.
- Virtually no nibble marks.
- Offsets can be started or ended anywhere on the sheet.
- Works on a wide range of material:
 - 0.032" (0.80mm) – 0.059" (1.50mm) stainless steel
 - 0.032" (0.80mm) – 0.078" (2.00mm) mild steel
 - 0.032" (0.80mm) – 0.098" (2.49mm) aluminum
- Stock sizes: 0.059" – 0.118" (1.50mm – 3.00mm)
- Min. radius 0.984" (25mm) depending on machine type.



XAWBDOWJ99 ROLLING OFFSET COMPLETE ASSEMBLY

MATE ROLLER SOLUTIONS WORK WITH THE FOLLOWING THICK TURRET MACHINES:

Amada

All Amada servo electric ram machines
(EM, AE, AC, ACIES, etc.)
Vipros machines with the 18p controller
Apelio machines with the 160iL controller
(For straight lines only) Vipros machines that end with 5 or 7
AND have the 04P-c controller

Euromac

MTX auto index machines shipped after March 3, 2005
ZX auto index machines shipped after February 18, 2005

Prima Power

Machines with serial numbers that start with 7.8 or higher
Machines with serial numbers that start with 7.7 IF the PLC
software version is 75.11 or higher



MATE PRECISION TOOLING GLOBAL COVERAGE

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