WILSON WHEELS

THICK TURRET AND TRUMPF® TOOLING SOLUTIONS

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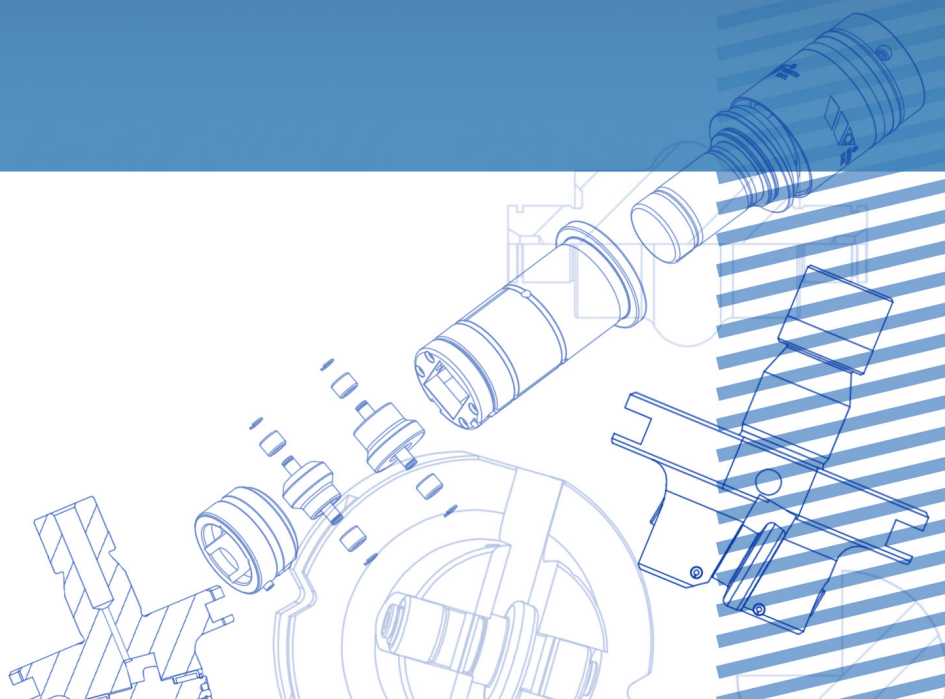


WILSON WHEEL TECHNOLOGY

Since being introduced, the Wilson Wheel® family of products has rewritten the rules of sheet metal fabrication. Never one to follow the crowd, Wilson Tool International® leads the way with innovative developments that not only redesign existing technology, but redefine it as well. With continuous improvement in pursuit of greater speed and performance, Wilson Tool has really brought you into the future of leading technology.

The new Rolling logo, Rolling Knurl, Rolling EKO and Rolling Flare,together with the original Rolling Shear, Rolling Rib, Rolling Offset and Rolling Pincher, make up one of the most revolutionary lines of tooling in the sheet metal fabrication industry. If you are not currently using the Wilson Wheel® family tools, you will be amazed at the time and money you can save. And in a world where time is money, the benefits are obvious.

The possibilities are virtually limitless! So give us a call. We'll show you how the Wilson Wheel® family will help you turn out finished products faster than you ever thought possible and have you rolling in the profits.

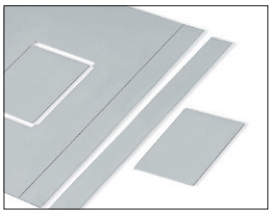
One more way Wilson Tool International strives to make its customers

"The most successful fabricators in the world"

WILSON TOOL

ROLLING PINCHER

Benefits/Specifications

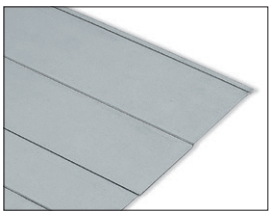


- High speed-equal to programmed table travel speed
- Create slits at any angle using Auto Index
- Virtually no burrs or nibble marks
- Slit can be started or ended anywhere on the sheet
- No scrap
- Works on a wide range of material:
  0.8 - 1.5mm stainless steel
  0.8 - 2.0mm mild steel
  0.8 - 2.5mm aluminium
- Min. radius 500mm

ROLLING OFFSET

Benefits/Specifications

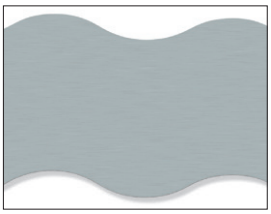
- High speed-equal to programmed table travel speed
- Create offsets in any contour using Auto Index
- Virtually no nibble marks
- Offsets can be started or ended anywhere on the sheet
- Works on a wide range of material:
  0.8 - 1.5mm stainless steel
  0.8 - 2.0mm mild steel
  0.8 - 2.5mm aluminium
- Stock sizes 1.5mm and 3.0mm
- Min. radius 25mm, depending on machine type
- C Station for the Rolling Offset is available for Prima Power machines up to 3mm Stainless Steel



ROLLING RIB

Benefits/Specifications

- 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:
  0.8 - 2.5mm on most material types
- Stock sizes 2.5mm and 3.0mm radii
- Min. radius 16mm on material up to 1.5mm and 20mm on material greater than 1.5mm, depending on machine type
- C Station for the Rolling Rib is available for Prima Power machines up to 3mm Stainless Steel



ROLLING SHEAR

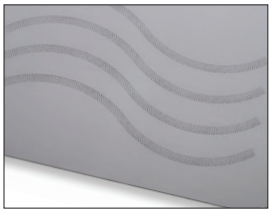
Benefits/Specifications

- High speed-equal to programmed table travel speed
- Create slits in any contour using Auto Index
- Virtually no burrs or nibble marks; and no scrap
- Slit can be started or ended anywhere on the sheet
- Works on a wide range of material:
  0.8 - 1.5mm stainless steel
  0.8 - 2.0mm mild steel
  0.8 - 2.5mm aluminium
- Min. radius 45-100mm, depending on machine type

ROLLING LOGO

Benefits/Specifications

- High speed-equal to programmed table travel speed
- Logo can be started or ended anywhere on the sheet
- Reduced tonnage compared with single hit stamping
- Produce logos larger than a station size normally allows
  e.g. 100mm long logo in a C station
- Works on a wide range of material:
  0.8 - 3mm aluminium, mild and stainless steel



ROLLING KNURL

Benefits/Specifications

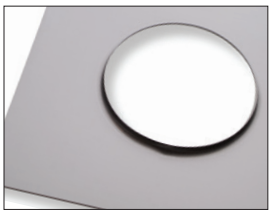
- High speed-equal to programmed table travel speed
- Creates a grip like effect on the sheet metal
- Works on a wide range of material:
  0.8 - 1.5mm stainless steel
  0.8 - 2.0mm mild steel
  0.8 - 2.5mm aluminium
- Min. radius 45-100mm, depending on machine type

ALL TOOLS ARE AVAILABLE FOR TURRET STYLE AND TRUMPF® STYLE MACHINES

ROLLING EKO

Benefits/Specifications

- High speed-equal to programmed table travel speed in a straight line
- Large EKO's can be produced at high speed
- Endless variety of shapes and sizes with the same tool
- Internal and external contours can be created using Auto Index
- Virtually no burrs or nibble marks
- Slit can be started or ended anywhere on the sheet
- Works on a wide range of material:
  0.8 - 1.5mm stainless steel
  0.8 - 2.0mm mild steel
  0.8 - 2.5mm aluminium
- Min. radius 45-100mm, depending on machine type



ROLLING FLARE

Benefits/Specifications

- High speed-equal to programmed table travel speed in a straight line
- Produce flares larger than a station size normally allows
- Can be used to flare large diameters and other shapes
- Tools designed to suit specific customer requirements. Please contact the Sales Desk to determine if your application is possible

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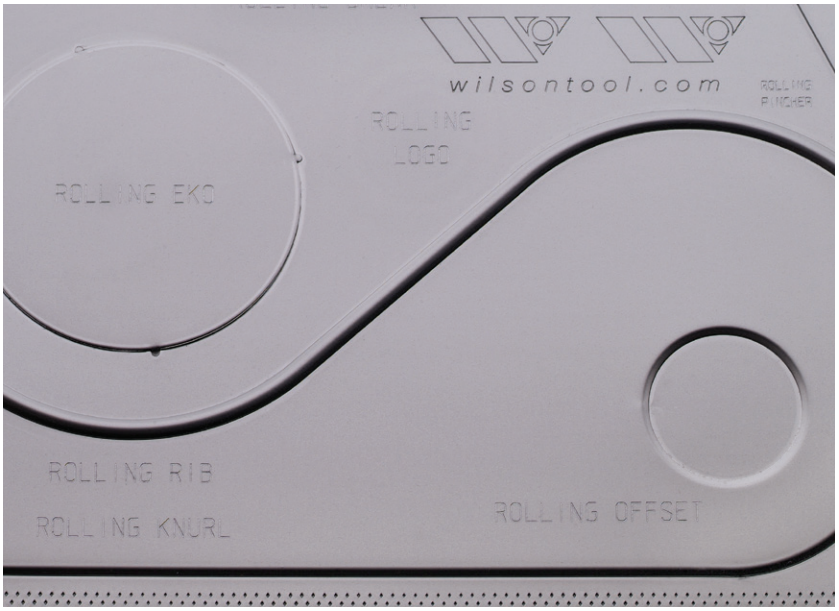
LEAN MANUFACTURING WITH THE WILSON WHEEL® FAMILY OF TOOLS



Lean Manufacturing is becoming increasingly important to businesses operating in today's harsh economic environment. The technologies of Lean Manufacturing allow companies to eliminate waste and improve quality; reducing costs and improving value to the customer. In a competitive environment in which several companies manufacture similar products, only the most efficient organisations, those adopting Lead Manufacturing, will succeed at the expense of their competition. With this in mind, Wilson Tool is committed to helping all of our customers to eliminate waste, improve quality and reduce their overall costs. In fact, Lean Manufacturing principles are built into our tools at the design stage.

The Wilson Wheel® family of tools is a great example of Wilson Tool's commitment to reducing waste in sheet metal organisations. All tools in the range reduce cycle times considerably when compared with conventional "nibbling" methods using progressive forming tools. Sheet metal thicknesses can also often be reduced with the use of the Rolling Rub or Rolling Offset tools to increase the strength of components. In addition, Wilson Wheel® tools can often be used to reduce or remove expensive secondary operations.

To see how our tools can help your organisation with Lean Manufacturing, please contact the Wilson Tool sales desk on sales@wilsontool.eu.com or phone +44 (0) 1793 831818.

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