

Rollomatic spotlights 5-axis pinch/peel grinder with new grinding option for non-round grinding of punches and pins at IMTS 2016

Mundelein, June 2016. Rollomatic, a leading machine tool manufacturer based in Le Landeron, Switzerland, is exhibiting at the IMTS (International Manufacturing Technology Show) in September in Chicago, IL.

Rollomatic maintains its global leadership position by announcing an option that will benefit the precision punch industry. The non-round process includes full pinch/peel grinding which ensures extremely high tolerances, form accuracy and the lowest TIR achievable. This is particularly important for exceptionally thin and long parts. Oblong punches, form punches, squares out of center, corner radiuses and any other shape can be produced with this method. The ShapeSmart® NP5 is designed and dedicated for cylindrical grinding of carbide, HSS and stainless steel components with emphasis on highest achievable surface finish and concentricity. The NP5 is utilizing the proven method of "pinch and peel" grinding.



Pinch grinding offers highest concentricity particularly on long and thin parts. The rough and finish grinding are performed in one pass (patented). This innovative way to grind roughing and finishing simultaneously eliminates a separate process and reduces cycle time. The machine utilizes two different grinding wheels running on separate spindles and positioned on independently-controlled CNC linear slides.

- Positioning camera for grinding coolant slots in blanks with coolant through-holes with parts flipper
- Option for grinding extra-long parts, for a total grinding lengths of 16" and blank length of 19"
- Marposs in-process gaging system
- Form grinding of cutting tools blanks for the industrial, medical and dental market
- Production grinding of precision punches, including non-round
- Production grinding of die & mold components

Rollomatic provides outstanding service/support from its North American headquarters in Mundelein, IL, and satellite offices in CA, IN, MA. For more information visit: www.RollomaticUSA.com or e-mail solutions@RollomaticUSA.com.



North American Headquarters:
Rollomatic Inc.
1295 Armour Boulevard
Mundelein, IL 60060
Phone. 866-713-6398

Media contact:
Eric Schwarzenbach
Rollomatic Inc.
eschwarzenbach@rollomaticusa.com
Cell phone 847 975 6345