

Grinder with wheel exchange system



The magazine holds 16 wheel packs.

ANCA'S new TX7+Xchanger incorporates a universal grinder with a wheel pack exchanging system and magazine. The magazine holds 16 wheel packs instead of the customary two only found on most CNC grinders, which means the operator has up to 64 wheels to select.

This expanded selection holds productivity and cost-saving benefits for companies seeking to maximise automation in mass production of cutting tools or grind complex components that require several different wheel packs to complete.

Having multiple wheel packs set up in the magazine allows immediate follow-on in mass production when the wheel pack needs to be changed due to wheel wear. This allows longer unmanned operation. No downtime is required when changing wheel packs when switching from one tool type to another. Manual handling of the wheel packs is reduced, limiting exposure to oil and carbide and handling of heavy wheel packs.

Coolant manifolds and pipes are changed with the wheel pack. Set-up is done off the machine in a set-up rig, which means production does not have to be interrupted.

Tools such as drills and endmills are driven by the spindle using standard Big Plus wheel arbours. As the milling tools are also stored in the magazine and therefore also changed automatically, features such as holes, keyways and dovetails prove no problem for the system.

ANCA 03 9751 8200.

Forging die lubricant

ACHESON has introduced Deltaforge F-78, a forging die lubricant formulated to provide forging production efficiencies at reduced lubricant costs.

It is described as a high-solids product containing high-purity synthetic graphite for optimal lubricating performance and good forging results.

Higher dilution ratios and rapid film formation are said to result in lower consumption and lower costs per forged part. Its fine particle-size graphite is said to provide excellent lubrication and part-release properties with no nozzle plugging.

Acheson ANZ 02 9755 3099.

Near Dry Machining with COOLUBE® Slashes Coolant Cost 97%

In-Service Case Study

FLOOD COOLANT ...What a WASTE?

a. A study of a shop that concentrates on cutting and hole making in structural shapes, showed a twist drill required reshaping every 100 holes and the drilling operation required \$2,300.00 worth of flood coolant over six months.



COOLUBE® LUBRICANT ...What a SOLUTION!

b. A UNIST NDM TRIAL showed a new single insert-type coolant-through spade drill produced over 22000 holes before insert replacement and the drilling operation required just \$100.00 worth of COOLUBE lubricant over the next six month study.



OEM or Retro-Fit, UNIST NEAR DRY MACHINING applies the best tool lubrication solution for most Drilling, Tapping Punching and Sawing operations.

If you think Near Dry Machining may be the RIGHT SOLUTION for your operation, and would like to learn more about this case study, or a Free In-Plant Near Dry Machining Trial

Call UNIST AUSTRALIA TODAY
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Writing the book on non-friction
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