



Diamaster PRO³ Diamaster PLUS³

Higher productivity and quality
when cutting with Real-Z3



Sizing and grooving sheet-goods with conventionally designed Z3+3 PCD tooling generally restricts the increase of productivity and quality due to the staggered knife arrangement.

The Diamaster PRO³ and Diamaster PLUS³ routers cut at up to 50 % higher feed rates with a purposefully engineered knife arrangement, designed to maximize tool life and performance while maintaining perfect cut quality. This is possible with Real-Z3 technology: closing gaps between the individual knives to increase the number of effective teeth.

YOUR BENEFITS

- Higher feed speeds
- Longer tool life
- Perfect quality of edge and narrow surface
- Efficient chip removal

AT A GLANCE

- **Diamaster PRO³ Z3+3:** resharpenable up to 3 times, diameter 12-16 mm, perfect for nesting applications
- **Diamaster PLUS³ Z3+3:** resharpenable up to 12 times, diameter 16-20 mm, perfect for large batches
- Suitable for all conventional panel materials
- Diamond-tipped



Diamaster PRO³ (left) – the first choice for sizing on nesting machines and batch size 1 machines.

Diamaster PLUS³ (right) – the high-performance cutter for industrial sizing.



+50 %

HIGHER FEED SPEED
WITH REAL-Z3



+50 %

LONGER LIFETIME
WITH REAL-Z3



12 times

RESHARPENABLE
DIAMASTER PLUS³
WITH EXTENDED
RESHARPENING ZONE

Your benefits due to ...



PRODUCTIVITY

Top performance with the help of Real-Z3

- Up to 50 % higher feed speed due to engineered arrangement of the Real-Z3 knives
- Higher throughput by reducing cutting time
- Up to 50 % longer lifetime due to the constant work of the complete number of teeth
- Diamaster PLUS³ is resharpenable up to 12 times due to the extended resharpening area



EFFICIENCY

Production costs can significantly be reduced

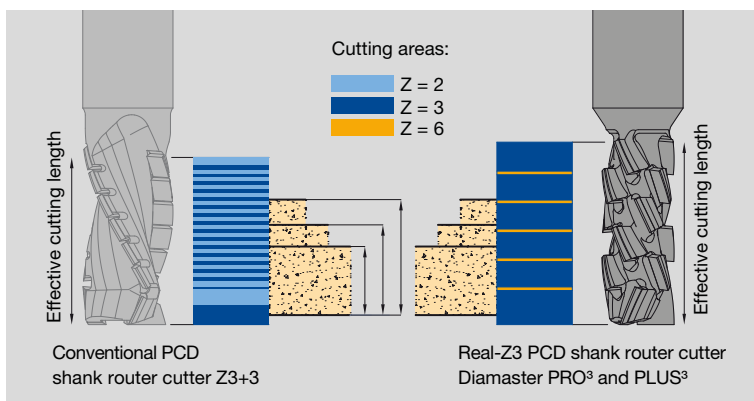
- Less rework and fewer rejects with chip-/tear-free laminates and smooth edges
- Efficient chip removal results in less edge-prep before edge-banding
- The Real-Z3 knife arrangement eliminates the need for tool position adjustment or correction



QUALITY

More effective cutting edges, better machining quality

- Continuous arrangement of the Real-Z3 knives yields excellent cut quality: chip-free edges and smooth sides
- Optimized chip flow reduces dust residue on the workpieces
- Continuous engagement the knives reduces vibration and increases cut quality



Diamaster PRO³
Diamaster PLUS³
... no compromises
during cutting!



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