

RigiMill: Al or Ti

"Achieved world record in chip removal"



MAQUINARIA INTERNACIONAL

C/ Estaño, 29 - 45200 Illescas (Toledo)
Tel. 925 670 130
www.maquinariainternacional.com

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MODIG MACHINE TOOL RigiMill: Al or Ti

EXCELS AT
Seat tracks – Floor beams – Wing box stringer - Landing gear – Railroad tracks - Excavator boom – Crankshaft - Hinge and latch – and many more

Excels at Aluminum and Titanium

Tomorrows
technology
today

"The RigiMill has achieved a chip removal rate of 1,001 cu3 in aerospace aluminum"

Improved safety and efficiency is designed into the RigiMill. It eliminates operators working on a coolant covered table, removes the need to shovel chips, or load products onto the machine table.

RigiMill is faster than multi-spindle machines and offers a wide variety of solutions for automation with the ability to reduce the production of several products by significant margins:

- Wing Rib: 54% faster than competitors.
- Wing stringer: 64% faster than competitors
- Wing spar: 76% faster than competitors

TECHNICAL KEY VALUES

COMPONENTS & STRENGTHS

RigiMill can be configured to your specific needs and can easily be extended in the X-axis direction after installation. Chip to chip tools change in just 12 seconds.

HIGHLIGHTS//safety measures?

- Torque detection
- Spindle vibration monitoring
- Temperature monitoring
- 3D crash protection software
- Tool change out, handled by a robot

TRAVELS

X = Unlimited
Y = 61.4" (1,560 mm)
Z = 35.4" (900 mm)
A = +/- 110 °
C = +/- 360 °