

McCLAIN

MACHINE TOOL SOLUTIONS

Zeman Technologies

Committed to 100% Customer Satisfaction

Call (314) 432-3220

LFV is Fundamentally Changing Chip Control... What Does that Mean for You?

Stringy Chips or Bird-Nests? Problem Solved

“We are finding that LFV has improved not just swarf (chip) control, but tool life and consistency have also improved dramatically. This means that we are able to change the way that we machine our parts, so the slower feed rates with LFV have **no negative impact on cycle times** .”

- Adaero Precision Components

Low Frequency Vibration: Exclusive to CITIZEN

**Comparision of low-frequency vibration cutting
and normal cutting**

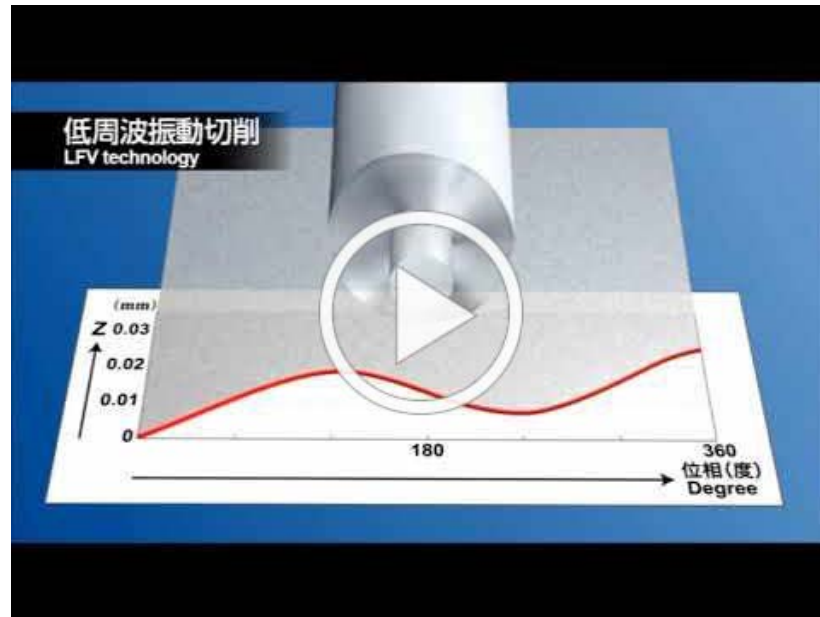
Benefits of LFV:



- Longer Cutting Tool Life
- Lower Build-Up on Cutting Edges
- Less Heat Generated
- Lower Power Consumption
- All Without Sacrificing Surface Finish!

[Learn more here...](#)

What is CITIZEN's Low Frequency Vibration?



PERFORMANCE 100% GUARANTEE

LFV technology

LFV IS NOW INTEGRATED ONTO
OUR CITIZEN CINCOM L12
- SMALL DIAMETER, 7 AXIS
CONTROL MACHINE
NOW AVAILABLE

[DISCOVER MORE](#)

Low Frequency Vibration in the Field...

"We have totally eliminated any



clogging of the drill flutes. Previously we often had to set the machine with two or even three drills due to swarfing problems but can now go straight to depth with a single tool and the flutes are completely clean.”

- Jonathan Newis (Plastic Turned Products)

[Learn More](#)



[Website](#)

[Products](#)

[News](#)

[Support](#)

[Contact Us](#)