



**Zeman Technologies**

**The Finest Machine Tools**

**Since 1931**

Call (630) 321-1500

**Lathe Rigidity, Durability, Accuracy?**

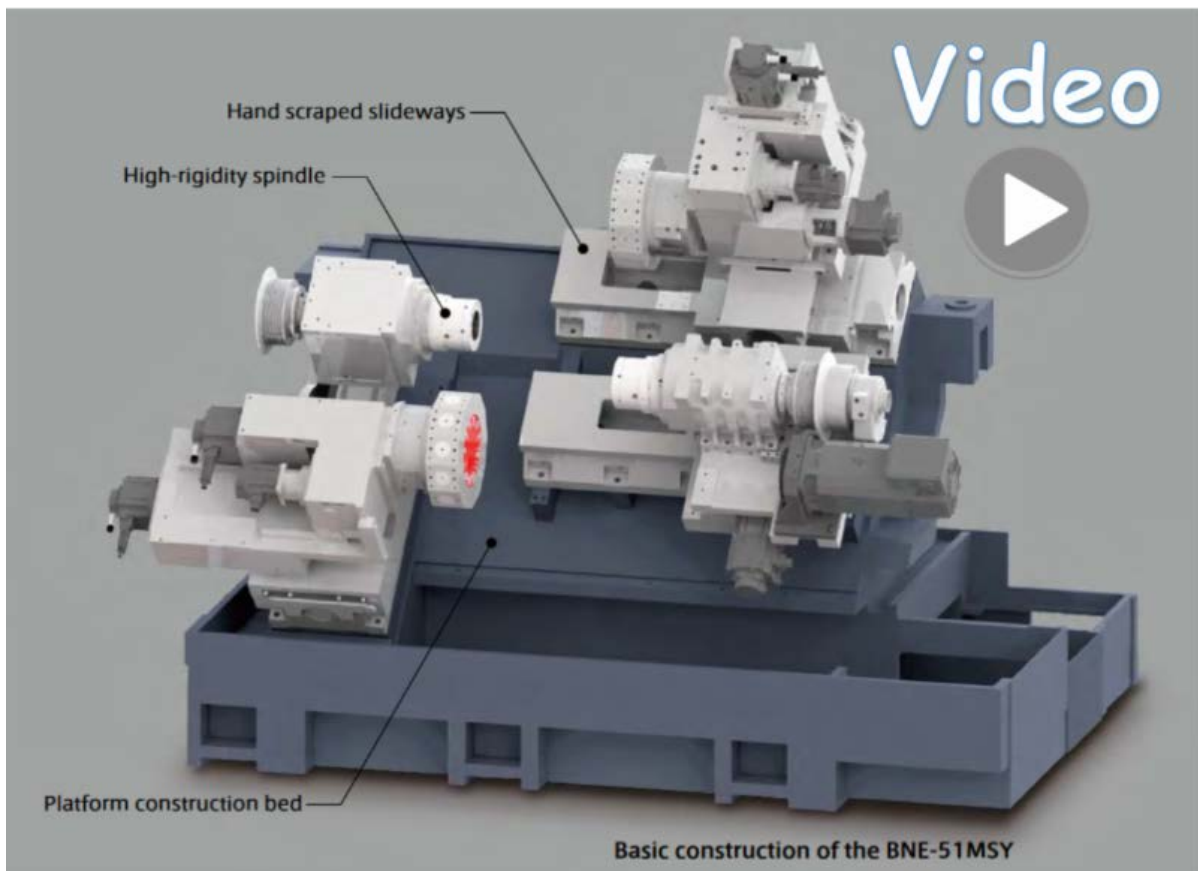
*Not*  
**Why Miyano?**  
*Pt. 2*  
TECHNOLOGY OF CITIZEN MACHINERY

**MIYANO'S Key Technology**  
**Hand-Scraped Slideways (Link)**

	Miyano products	Competitors' products	
Rail guide	Box slideways	cylindrical roller bearings	ball bearings
Contact plane	Scraping surface	line contact	point contact
Structure			
<b>Characteristics of Miyano slide</b> <ul style="list-style-type: none"> <li>• Box slides with fine scraping</li> <li>• Hardened slideway maintaining many point of contact over large area and also maintains longer life and stable accuracy</li> <li>• Wedge style gib plate helps for easy maintenance.</li> </ul>		<b>【Advantages】</b> <ul style="list-style-type: none"> <li>• Competitor has very small point and/or single of contact</li> <li>• Exceptional longer life time of slideways with almost maintenance free.</li> <li>• High rigidity slideways ensures superior in vibration damping characteristics promises longer tool life.</li> </ul>	

## [Miyano - The Full Story](#)

## Basic Construction of All Miyano Machines



# Sample Miyano Parts



## Automotive Components

Hand scraped slideways are preferred by automotive manufacturers of airbags, transmissions, ABS & more.

## Oil, Gas & Hydraulic Parts

Highly rigid spindles are designed for large diameter drilling and tapping. 25-40 Nm cutting forces standard.

## Fittings

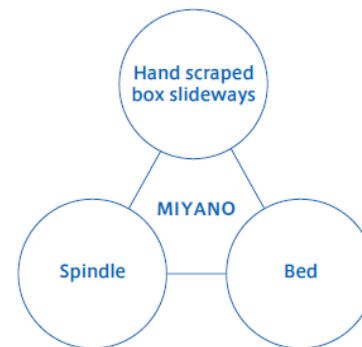
The Miyano 'platform' bed reduces vibration in the machine, providing stable performance for years.

## Up Next in the Miyano Summer Series



Thick Ribs Imparting High Rigidity

**Why Not Miyano Part III**  
**High Durability**



**Miss Part I?**  
[View it Here](#)

[View the Entire Miyano Product Lineup](#)