

**AKIRA - SEIKI®**  
PRECISION CNC MACHINE TOOLS

Since 1985 in USA

All We Build In Quality

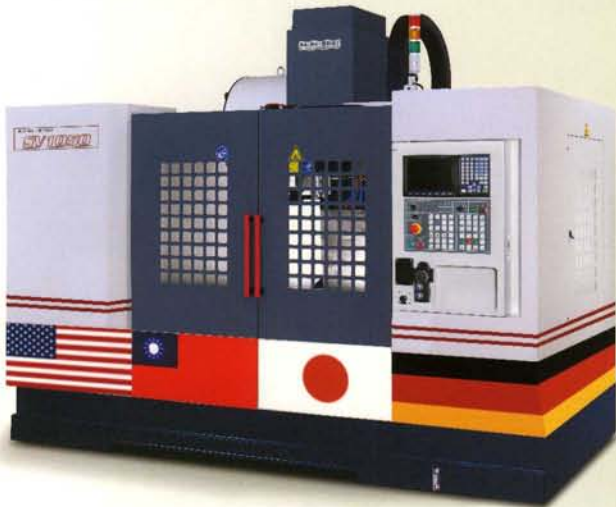
**AKIRA - SEIKI®**

CNC Machine Tool  
Product Line Up



## International Tech Team

With more than 25 years mature sales in USA, Akira Seiki acts upgraded integration by international team for tech factors in USA application, Taiwan production cost, Japan quality guidance and Germany tech craft to build reliable machine tools and progress your competition.



## Meet All Needs from On





**V**ertical  
Machining Center

**H**orizontal  
Turning Center

## Quality Policy

Only employee **high end** measurement equipment and regulate inspection progress in documentary SOP (Standard Operation Procedure), Akira Seiki guarantees the quality of full products.

On-line spindle dynamic  balance inspection.

 All casting material full inspection by CMM.

## Sales Mission

Our mission is simple... **cost, performance, quality and trust** as your demand for effective production. We guarantee our devotion to achieve your success.



Customer Silray works with Akira Seiki mills and  turning, for components supplied to Five O mini off-ride bikes, quoted from CNC West Article. More customer's recommendation at [www.akiraseiki.com](http://www.akiraseiki.com)

### Wide Range Resource.



**P**roduction  
Tapping Center

**H**orizontal  
Machining Center

## Core Technology

Akira Seiki carries on **Research & Developing** advanced machines for **application grade-up** and **friendly software interface** to ease operation. The **continuous education** by our international tech team achieves **internal progress**.



### Our Guarantee || Customer's Demand

#### Productivity

- High Speed Capability
- Easy Operation & Set-up

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#### Economic

- Fair Machine Price \$\$
- Cost- Performance
- Labour Engineering Saved

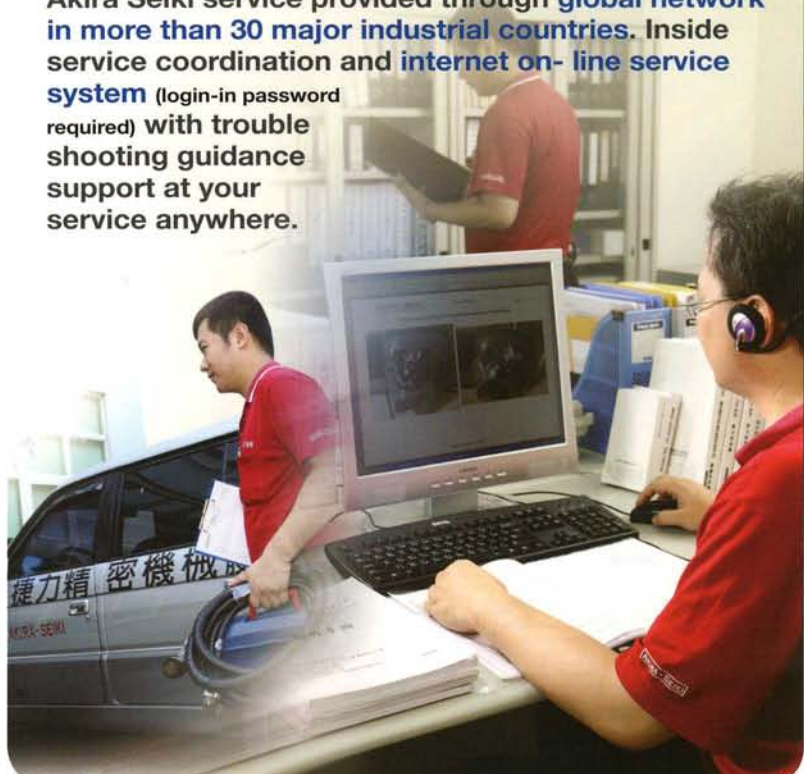
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#### Quality & Reliability

- Machining Accuracy
  - Durability
- Back-up Service

## Service

Akira Seiki service provided through **global network** in more than **30 major industrial countries**. Inside service coordination and **internet on-line service system** (login-in password required) with **trouble shooting guidance** support at your service anywhere.



# Vertical Machining Center

## BT-40 LMG VMC

Model		X	Y	Z
Entry Level	JR	410	410	460
	SR2	550		
	SR3	762		

### Performa Junior, JR/SR

9000~11000 rpm  
12-15 HP

Cost Effect BT40 Vertical  
**12** models

High Performance	V2	550	435	520
	V2.5	760		
	V3	815	540	560
	V4	1050		
	V5	1300		
	V4.5	1150	640	660
	V5.5	1350		
	V6	1630	850	815
V8	2060			

### Performa Classic V plus XP

9000~12000 rpm  
22-30 HP

Ultra Performance  
**36** models

Superior Performance	SV550	550	435	520
	SV760	760		
	SV815	815	540	560
	SV1050	1050		
	SV1300	1300		
	SV1150	1150	640	660
	SV1350	1350		
	SV1630	1630	850	815
	SV2060	2060		

### Akira Super Vertical SV series

14000~15000 rpm  
25-42HP

Ultra High Speed  
**9** models

## BT-50 LMG VMC

Model		X	Y	Z
Speed Heavy Duty	HV4.5A	1150	640	660
	HV5.5A	1350		
	HV6A	1630	850	815
	HV8A	2060		

### Speedy Heavy Duty HV-A series

8000~10000 rpm  
35HP

Efficient BT50  
**4** models

## BT-50 Box Guide Way VMC

Model		X	Y	Z
Power Heavy Duty	BV1400	1400	720	650
	BV1630	1630	860	800
	BV1800	1800	980	850
	BV2200	2200	1060	990
	BV2600	2600		
	BV3100	3050		

### High-Torque Heavy Duty BV series

6000~8000 rpm  
30HP

Rigid Gear Drive  
**6** models



# Horizontal Turning Center

## 2 Axis - 6 Multi Axis Turning Center

Capability	Model	Swing	Turning Diameter	Bar work
X+Z	GT12 SL15 SL20	400-450	Ø 250 - 280	42-45
	SL25	530	Ø 350	52
	SL30 SL30L	600	Ø 400 Ø 400	65
	SL35 SL35L	650	Ø 450 Ø 450	78
	SL40 SL40L	750	Ø 550 Ø 550	103

### Performa 2-axis Turning SL series

6 – 15" chuck

**10** models



X+Z+C1	SL25MC	530	Ø 350	52
	SL30MC SL30LMC	600	Ø 400 Ø 400	65
	SL35MC SL35LMC	650	Ø 450 Ø 450	78

### Performa 3-axis Turning SL-MC series

8 – 12" chuck

**5** models



X+Z+B	SL300S SL350S	600 650	Ø 450 Ø 450	65 78
	SL300CY SL350CY	600 650	Ø 450 Ø 450	65 78
X+Z+B C1+C2	SL300CCS SL350CCS	600 650	Ø 450 Ø 450	65 78
	SL300CCSY SL350CCSY	600 650	Ø 450 Ø 450	65 78

### Super Multi-axis Turning SL300/350 series

3-6 Axis

**8** models



# Production Tapping Center

## Single Pallet Tapping Center

Model	Spindle	Feedrate (m/min)	Max Acc.
PC460 PC700	BT30 12000rpm	60/60/60	1.2G

**Performa  
Production  
PC series**

Cost Effective Single Pallet  
**2** models



## Vertical Twin Pallet Tapping Center

Model	Spindle	Feedrate (m/min)	Max Acc.
RMV500APC RMV500T (single pallet)	HSK40 15000-22000rpm	60/60/96	1.6-2.0G
RMV700APC	HSK63 12000-15000rpm	48/60/96	1.2-1.5G

**Patent**

**Classic Mass  
Production  
RMV-APC series**

Fastest Twin Pallet  
**2** models



## 5-axis Tapping Center

Model	Spindle	Feedrate (m/min)	Max Acc.
RMV160RT	HSK40 15000-22000rpm	60/60/96	1.6-2.0G
RMV250RT	HSK63 12000-15000rpm	48/60/96	1.2-1.5G

**Patent**

**Multi-faces  
Production  
RMV-RT series**

5-axis Processing  
**2** models



## Horizontal Twin Pallet Tapping Center

Model	Spindle	Feedrate (m/min)	Max Acc.
RMH250APC	HSK40 22000rpm	60/60/96	1.6-2.0G
RMV350APC	HSK63 15000rpm	60/48/96	1.2-1.5G

**Patent**

**Super Mass  
Production  
RMH-APC series**

Horizontal Twin Pallet  
**2** models



# Horizontal Machining Center

## BT-40 Horizontal Machining Center Twin Pallet

Model	X/Y/Z	Spindle	ATC	
H5XP	720/720/720 feedrate 48 m/min	12000rpm HTD	40T	Extra Performa Cost Effect BT40 Horizontal
SH500APC	720/720/720 feedrate 60m/min	12000rpm I.D.D.	60T	Akira Super Production High Speed BT40 Horizontal

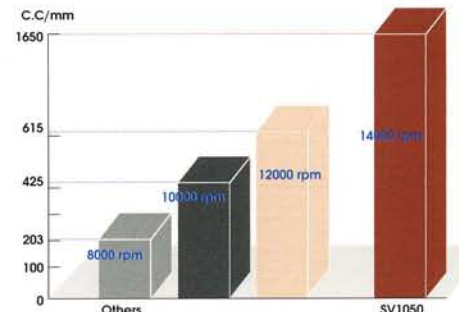


unit:mm

## Leading of Cutting Trend



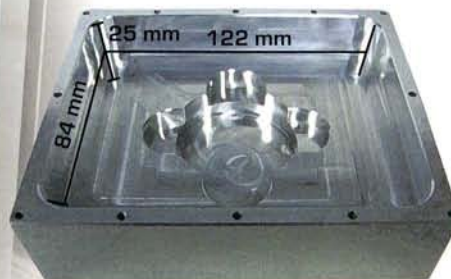
Faster, Accurate, Energy-saved



chip removable capability  
168%-700% than other general VMC

## The impact cutting result

### Powerful Pocketing



Machine Model : V4XP  
Material : Aerospace Aluminium  
Cutting feed : 8350 mm/min  
Spindle speed : 10500 rpm  
Surface Ra : 0.6 μm

### Fast Milling



Machine Model : SV1050  
Material : S45C Mild Steel  
Cutting Feed : F 12000 mm/min  
Cutting Speed : S 4000rpm



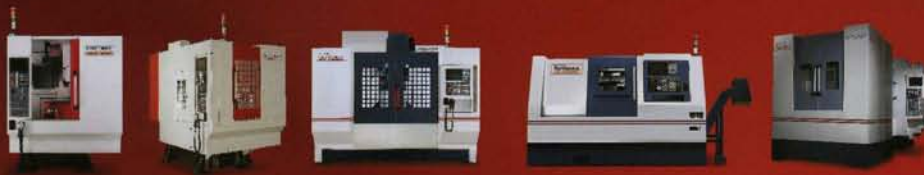
Find more movie  
and data at Akira Seiki website  
[www.akiraseiki.com](http://www.akiraseiki.com)

Above cutting data related to Akira Seiki's own internal tooling application.

# Worldwide Support



- ★ AKIRA U.S.A Headquarter
- AKIRA SEIKI Taiwan
- AKIRA SEIKI agents



Headquarter

**AKIRA - SEIKI**  
PRECISION CNC MACHINE TOOLS

#### Headquarter

255 CAPITOL ST., LIVERMORE, CA 94551, USA  
TEL: +1 925 443 1200 FAX: +1 925 443 1290



1st Factory

## AKIRA SEIKI Co., Ltd

1st Factory No. 40-2, 34th Road, Industrial Park  
2nd Factory No. 35, 36th Road, Industrial Park

407 Taichung City, Taiwan, R.O.C.  
TEL: +886 4 2355 2495 FAX: +886 4 2355 2496  
E-mail: akira.seiki@msa.hinet.net  
<http://www.akiraseiki.com>