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Kira Extrusion Machining Solution  
Published 2025  
[EXTRUSIONSALES@KIRAAMERICA.COM](mailto:EXTRUSIONSALES@KIRAAMERICA.COM)



**North America's Leader in Extrusion Machining**  
**JAPANESE QUALITY**  
**WITH SERVICE & SUPPORT THROUGHOUT NORTH AMERICA**

## INDUSTRIES SERVED

Aerospace  
Electric Vehicles  
I.C.E Vehicles  
Mass Transit  
Food Industry  
Defense (DOD)  
Medical  
Agriculture  
Home Construction  
Commercial Development

## MATERIALS

Aluminum  
Steel  
Copper  
Composite  
Carbon Fiber  
Cast Iron  
Titanium  
Plastics  
Proprietary Materials



# KIRA

## EXTRUSION SPECIALIST

### LOCATION

**Broaden Kira's manufacture to domestic and international**

We have domestic bases and local office in USA and Thailand. We are doing sales and support to all our customers.



#### Head office

39-1 Nakakawanami,Tomiyoshi-shinden,Kira-cho,Nishio-City Aichi Pref.,444-0592 JAPAN  
TEL +81-563-32-0110/FAX +81-563-32-3241

[Google Map](#)



#### Tokyo sales branch

4F NS2 Bldg.10-52-1 Akabane,Kita-ku,Tokyo, 115-0045 JAPAN  
TEL +81-3-6671-9022/FAX +81-3-6671-9023

[Google Map](#)



#### Osaka sales branch

Room 602 TOP Bldg.16-32-1 Shinmachi,Nishi-ku,Osaka,550-0013 JAPAN  
TEL +81-6-6532-2627/FAX +81-6-6532-0569

[Google Map](#)



#### KIRA AMERICA / MIDSTATES INTL.

21299 Carlo Drive Clinton Township, MI 48038 USA  
Phone 1-586-307-3414

[Google Map](#)



#### Kira Service (Thailand) Co.,Ltd.

URL : <https://kira-thailand.co.th/>  
456/39 Moo 10, Thaparak, T. Bangpla A.Bangplee, Samutprakarn 10540, Thailand  
Phone +66-2-103-4551

[Google Map](#)



#### 吉良精密机电维护服务（苏州）有限公司

Kira Precision Machine Tool (Suzhou) Co., Ltd.  
URL : <http://www.kira-china.com/>  
Block 2A, 29 Heshun Road, Industrial Park,Suzhou, Jiangsu, China Postal code : 215122  
Phone +86-512-67315086

[Google Map](#)





# KIRA

## EXTRUSION SPECIALIST

### COMPANY PROFILE

**Company Name** KIRA CORPORATION

**Representative** President Yoshihiko Otake

**Capital** JPY 75,000,000

**Establishment** February 22nd 1944

**Head office** 39-1 Nakakawanami, Tomiyoshi-shinden, Kira-Cho, Nishio-City, Aichi Pref., 444-0592, JAPAN

**TEL** +81-563-32-0111

**FAX** +81-563-32-3241

**Employees** 109

**Products** Automation machining line, Drilling and Tapping machine, Hard-to-cut Material machine

**Business institution** Head office 1st, 2nd and 3rd factory  
39-1 Nakakawanami, Tomiyoshi-shinden, Kira-Cho, Nishio-City, Aichi Pref., 444-0592, JAPAN  
TEL +81-563-32-0100 FAX +81-563-32-3241

Head office International sales department  
39-1 Nakakawanami, Tomiyoshi-shinden, Kira-Cho, Nishio-City, Aichi Pref., 444-0592, JAPAN  
TEL +81-563-32-0111 FAX +81-563-32-3241

Tokyo branch  
Metro City Akabane-Iwabuchi 4F, 1-52-10 Akabane, Kita-ku, Tokyo 115-0045, Japan  
TEL +81-3-6671-9022 FAX +81-3-6671-9023

Osaka branch  
TOP bldg.602, 1-32-16 Shin-machi, Nishi-ku, Osaka 550-0013, Japan  
TEL +81-6-6532-2627 FAX +81-6-6532-0569

**Membership** Japan Precision Machine Association

#### NORTH AMERICAN CUSTOMERS CONTACT

KIRA AMERICA'S NORTH AMERICAN TECH CENTER

**(586) 307-3414**

Service - Parts - Sales - Technical Asst

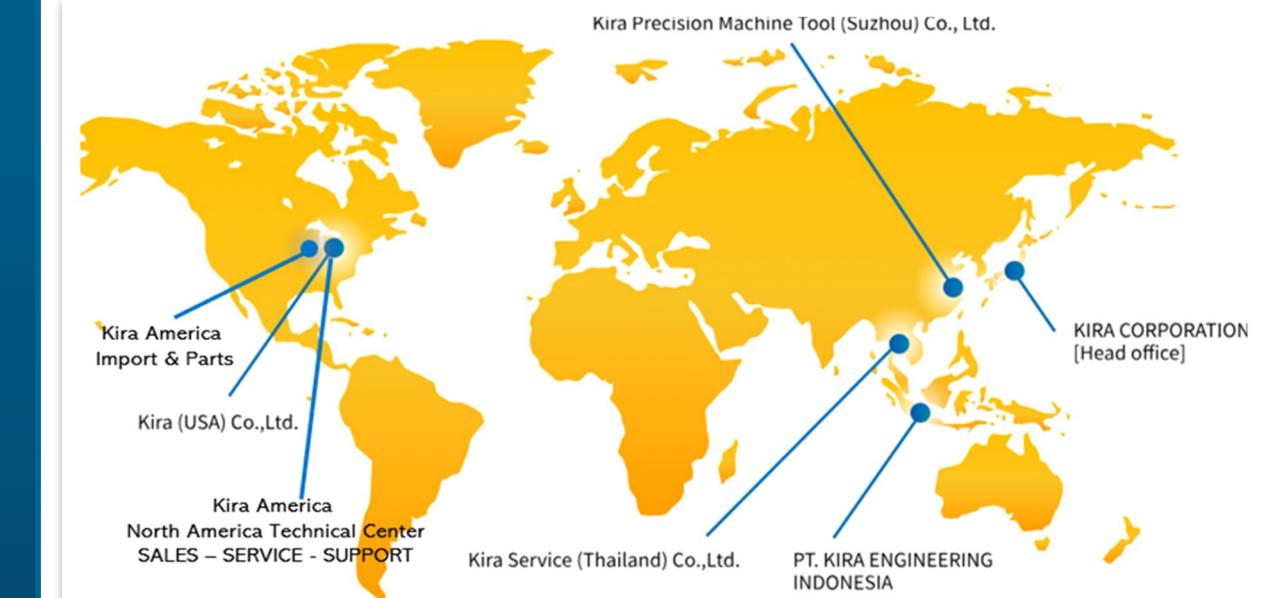


# KIRA

## EXTRUSION SPECIALIST

*“Established in 1944, Kira has been committed to developing the next generation of machine tools for the needs of a changing world. Kira Corporation is determined to become the Global Leader in Extrusion Machining Solutions”*

**Yoshihiko Otake** - Kira Corporation President



Out Match and Out Perform with Kira

### Contents:

**CNC Platform & Specifications**

**Features & Benefits / Why Kira ?**

**Automation Options**

**Case Studies**

**Kira Customers**

**Photo Collage**

## CNC Machining Platform



### Horizontal Applications:



KN40HB-500

X Axis 500mm



KN40HB-700

X Axis 700mm



KN40HB-1200

X Axis 1,200mm



20 Tools

30 Tools

8K RPM  
12K RPM

1.5 sec

3.0 sec

C-C

550 kg

1890 IPM

Fixed Table

Moving Column

Y Axis—400mm

Z Axis—400mm



Kira KN40Vb-2000 / 2500

X Axis Stroke - 2,000mm or 2,500mm

Y Axis - 350mm

Z Axis - 400mm

40 Taper / 20 Tool ATC

8K, 10K or 12K Spindle



20 Tools

30 Tools

8K RPM  
12K RPM

1.5 sec

3.0 sec

C-C

550 kg

1890 IPM

### HIGH VOLUME EXTRUSION MACHINING SOLUTION

ALUMINUM, COMPOSITE, CAST IRON, STEEL, TITANIUM, CARBON FIBER



Our  
Team



North America's factory support and technical sales applications



Extrusion Machine Imports, Parts & Distributor Support



Engineering & Application Support / Turnkey & Automation Support

Contact Us:

(586) 307-3414

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[WWW.MIDSTATESINTL.COM](http://WWW.MIDSTATESINTL.COM)

[WWW.MIDSTATESIND.COM](http://WWW.MIDSTATESIND.COM)



# KIRA

EXTRUSION SPECIALIST

## KIRA AMERICA KN40Hb CUSTOMERS IN NORTH AMERICA



## NOTABLE KIRA CORPORATION CUSTOMERS WORLD WIDE



HONDA



TOYOTA

# HITACHI

CNC Machining Platform



## Horizontal Applications:



Kira PC30H

Moving Column

30 Taper

Fixed Table

X Axis—500mm / Y Axis—400mm / Z Axis—350mm



## Vertical Applications:



Kira HPC30

30 Taper

Fixed Table / Moving Column

X Axis - 500mm / Y Axis - 300mm / Z Axis - 300mm

\*\*\*Fanuc Control



Kira MC40V

Moving Column

Fixed Table

X Axis- 500mm

Y Axis- 350mm

Z Axis- 400mm

\*\*\*Fanuc Control



## HIGH VOLUME EXTRUSION MACHINING SOLUTION

ALUMINUM, COMPOSITE, CAST IRON, STEEL, TITANIUM, CARBON FIBER

Long Travel Applications:



**Kira KN40Vb**

Available in  
1,200mm &  
2,000mm  
X Axis Stroke  
Y Axis - 350mm  
Z Axis - 400mm  
40 Taper / 20 Tool



**Kira KN40Vb-2500**

X Axis Stroke - 2,500mm  
Y Axis - 350mm  
Z Axis - 400mm  
40 Taper / 20 Tool ATC  
8K, 10K or 12K Spindle



Available In  
Dual Column  
Dual Spindle-  
configuration

Dual Column Solutions Available in 1,200, 2,000 & 2,500mm Machines

**HIGH VOLUME EXTRUSION MACHINING SOLUTION**

ALUMINUM, COMPOSITE, CAST IRON, STEEL, TITANIUM, CARBON

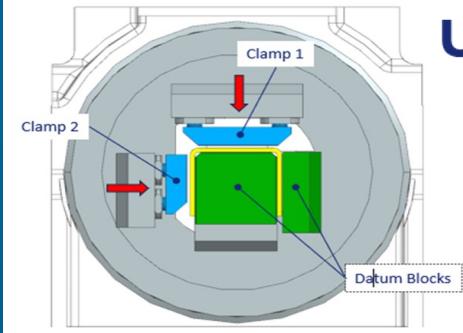
Available  
Options

Incoming Automation  
Outgoing Automation  
Integrated Saw  
Linear Feedback Scales  
High Pressure Coolant through spindles  
High Pressure Chip Filtration  
Robot Interface +16 I/O  
Remote Monitoring  
Mist Collection  
Part Probes  
Long Part Center Supports  
Tooling Packages  
Vision Inspection  
Bar Code Readers  
Laser Etching / DOT Matrix  
**Full Turnkey Solutions**

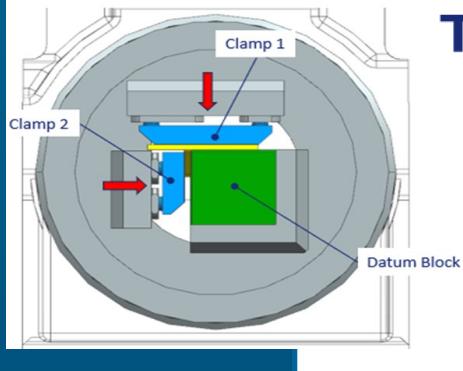
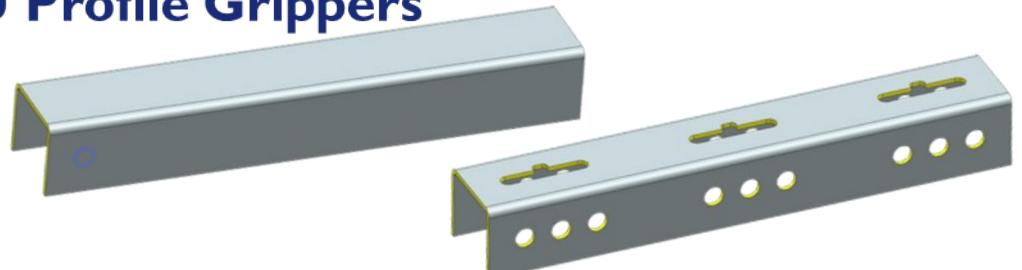


# KIRA

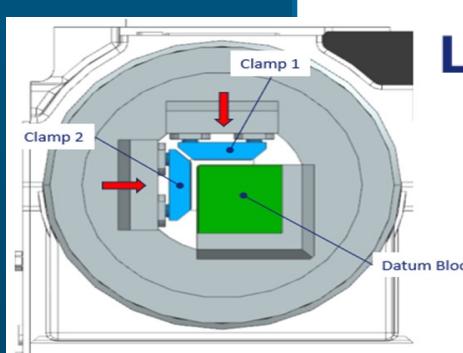
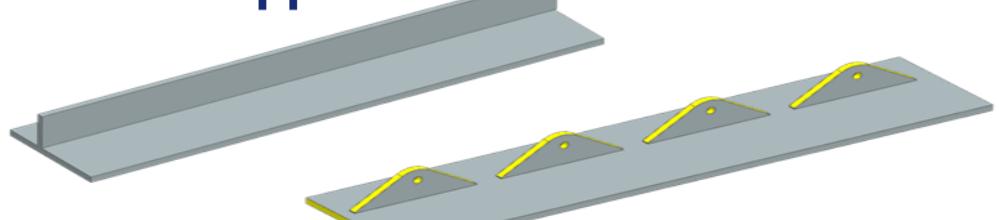
## EXTRUSION SPECIALIST



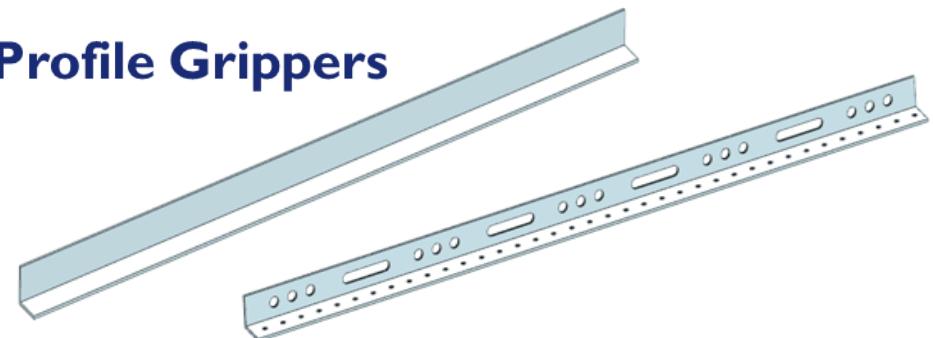
### U Profile Grippers



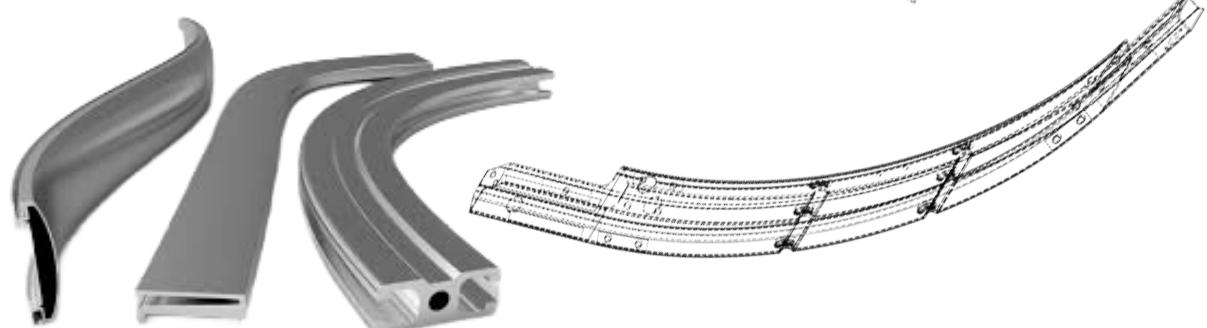
### T Profile Grippers



### L Profile Grippers



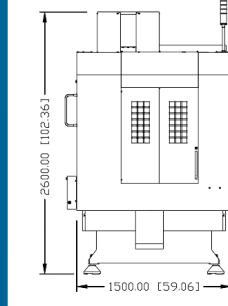
Let us take a look  
Special Application Extrusions



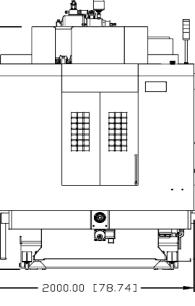
### HORIZONTAL MODELS



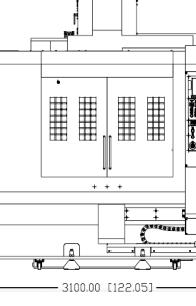
500MM



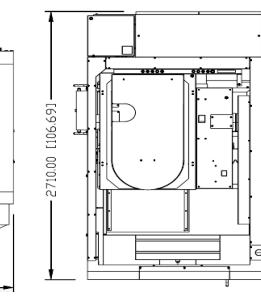
700MM



1,200MM



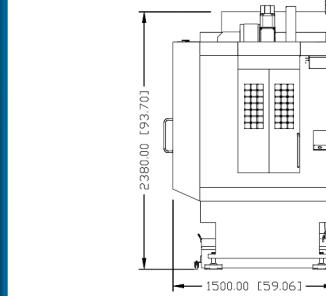
Top View



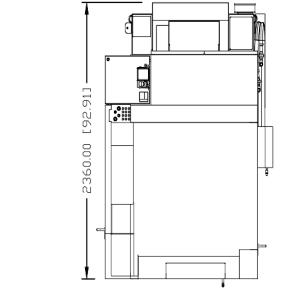
### VERTICAL MODELS



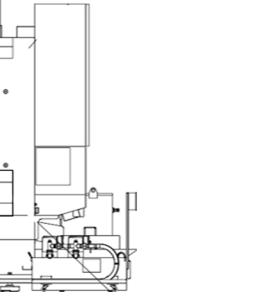
2,000MM



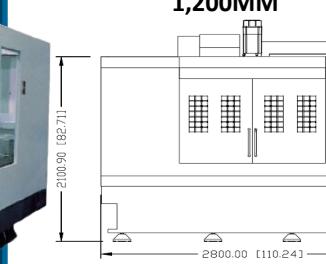
2,500MM



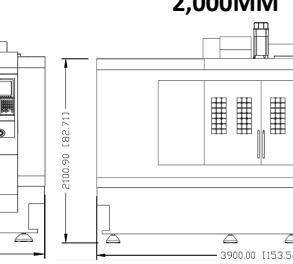
Top View



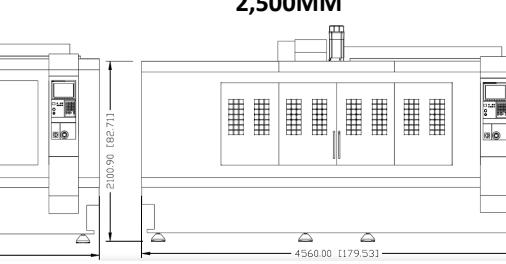
1,200MM



2,000MM



2,500MM



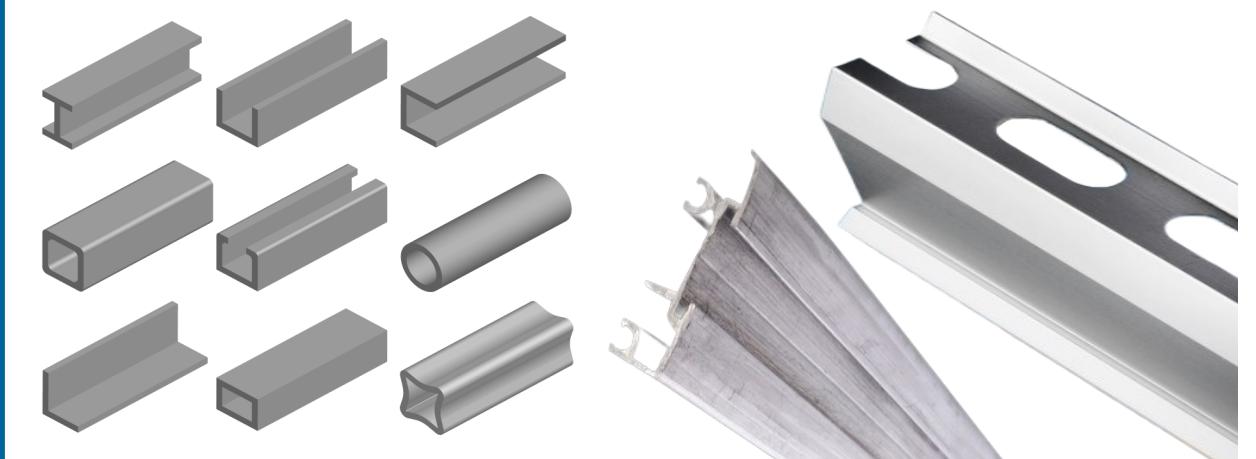
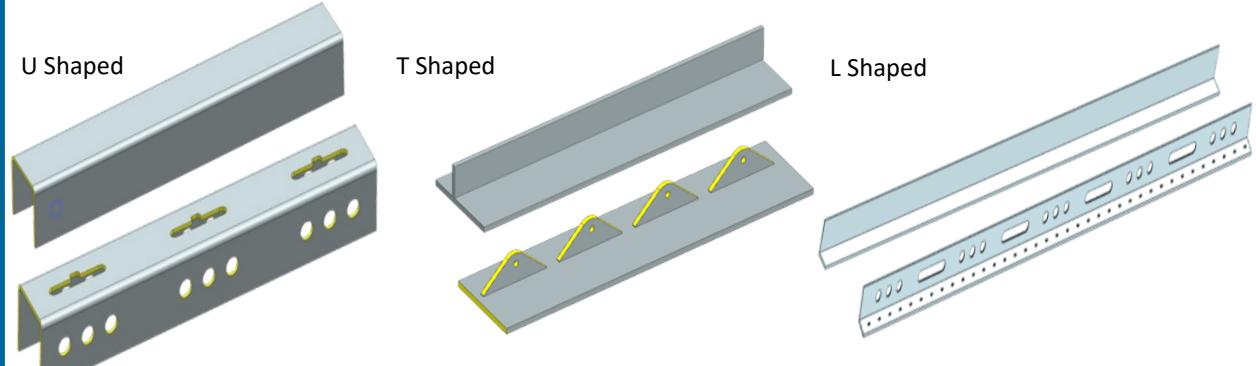


# KIRA

## EXTRUSION SPECIALIST

### Features & Benefits Why Kira ?

- ⇒ Kira's (6) Axis Capable, 360 Degree Part Rotation and independently actuating 4th & 5th Axis, you can machine all (6) sides of the extrusion. Length & Ends
- ⇒ Kira Uses only the highest quality components. Production Quality
- ⇒ Industry Proven Machine Tool Manufacturer
- ⇒ Japanese Quality Machine Tool Builder
- ⇒ 32 Years and 5,500 Medium to High Volume Production Solutions throughout North America
- ⇒ Local Technical Support & Service throughout North America
- ⇒ Parts Inventory readily available for all critical components
- ⇒ North American Technical Center fully staffed for Engineering & Technical Assistance



### Profile Types Examples

### Extrusion Samples Parts

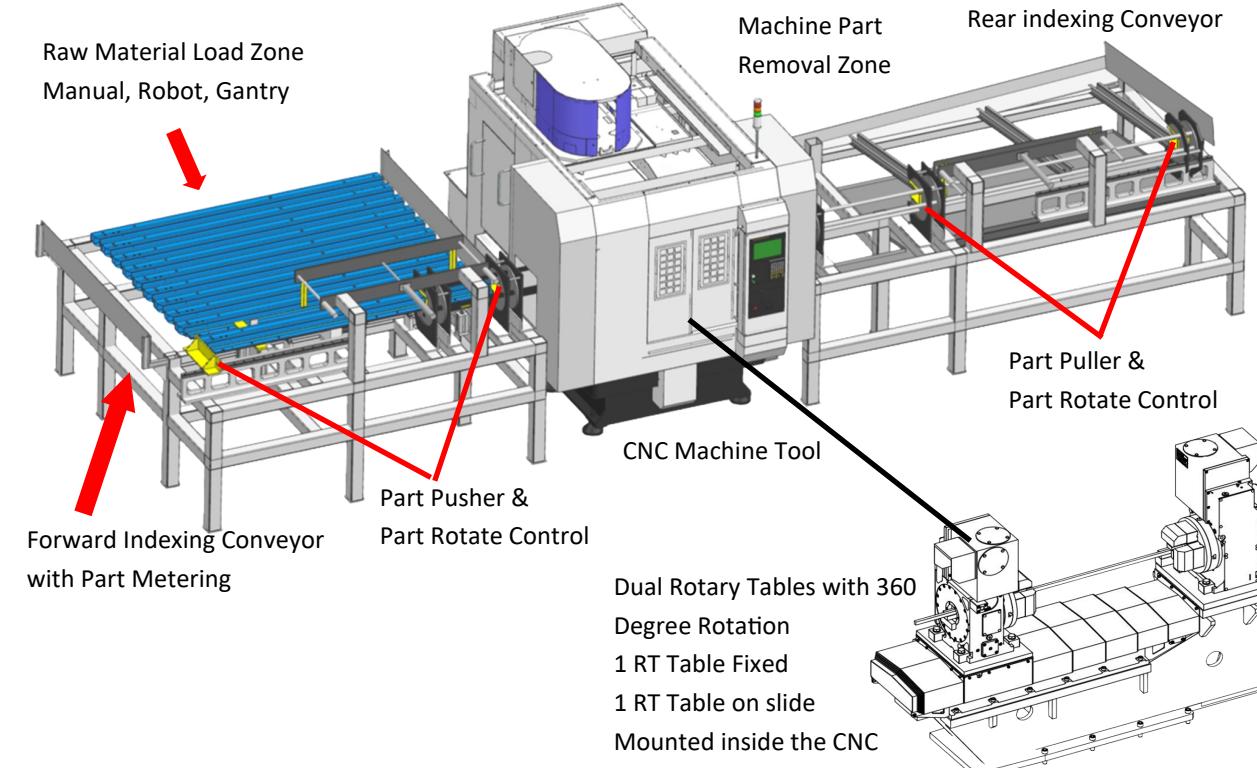


# KIRA

## EXTRUSION SPECIALIST

### Complete System Overview

### Process Summary



#### Work Piece Loading:

Raw Material can be manually loaded directly into the side of Kira Extrusion Machine. Full Factory Incoming Automation can be integrated for automatically loading raw material into the machine. Full Factory Incoming Automation can include, multiple raw material part queue for providing uninterrupted and continuous production.

The length of the automation and the part queue is not limited and is determined by the customers needs.

#### Work Piece Unload:

Raw material can be manually unloaded out of the Kira Extrusion Machine. Full Factory Outgoing Automation can be integrated for automatically unloading raw material into the machine. Full Factory Outgoing Automation can include, multiple finished part queue for providing uninterrupted and continuous production.

The length of the automation and the part queue is not limited and is determined by the customers needs.

#### Machine Capabilities:

Workpiece rotation is a full 360-Degrees, providing optimal efficiency and cycle time. The Kira Extrusion System has no limitation to Raw Material Length. Both Incoming & Outgoing automation is custom designed to the customers requirements. When a workpiece requires being cut into smaller pieces from a long extrusion, an integrated saw is available.