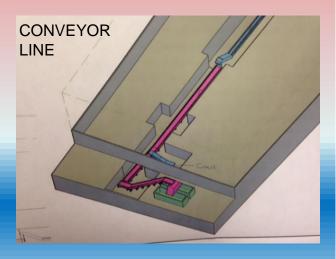
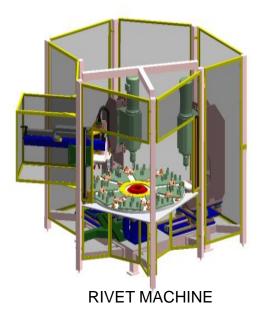
#### **INDUSTRIAL & COMMERCIAL**

4325 County Rd 42, Unit 6. Windsor, Ontario, N9A 6J3 PH: (519) 250-9782, Fax: (519) 250-5734 wmci@bellnet.ca www.worldmechcontractor.ca

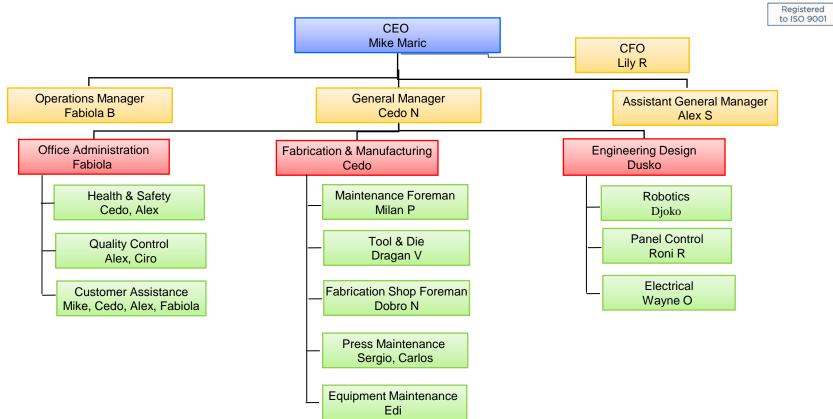






#### **ORGANIZATIONAL CHART**





# **COMPANY PROFILE**



World Mechanical Contracting Inc.

- Supplies complete turn-key solutions for most manufacturing environments. Whether your needs are electrical, mechanical, pneumatic, hydraulic, or controls, we have the expertise to implement effective solutions for your manufacturing problems.
- Specialized in design, fabrication and installation of highly sophisticated production and test machines and material handling systems.
- Provides the necessary resources to implement robust integrated solutions for manufacturing environments.

# COLLABORATION



#### **KEY BENEFIT**

- Up-to-date Project Information
- Complete Project / Program History
- Universal Project Visibility
- Process Standardization
- Enhanced Accountability
- Reduction in time spent collecting and managing information

# **QUALITY POLICY**



- World Mechanical Contracting management and employees are committed to constantly meeting or exceeding our customer's requirements in order to maximize customer satisfaction.
- This will be achieved by ensuring quality management principles are used effectively throughout all processes within the organization. We will establish effective partnership with our suppliers to ensure that purchased goods and services meet our requirements.
- World Mechanical Contracting, management and all employees are committed to continuous improvement. All processes are analyzed and their effectiveness challenged in order to improve current practices.

# **QUALITY POLICY**



#### **World Mechanical Contracting provides:**

- 100% on time delivery of custom made equipment and machine parts.
- Total customer satisfaction measured by number of customer complaints and customer satisfaction survey.
- **❖** 24 hrs on call availability for servicing customer needs.
- Reduction of rework and scrap measured by job performance and non-conformance log.

# MATERIAL HANDLING SYSTEM



Specialized in the design and development of a wide range of material handling systems including sophisticated conveyor systems powered by custom built hydrostatic units

#### MATERIAL HANDLING SYSTEM





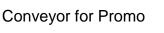
Tie Down Clip Assembly Line,MTI Peco, Toronto



Conveyor line for material, containers handling, circulate U shape line, Central Stamping, Windsor



Blank de-stacker
Blow line\_Nartech,Guelph





#### MATERIAL HANDLING SYSTEM



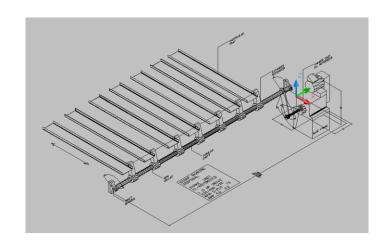


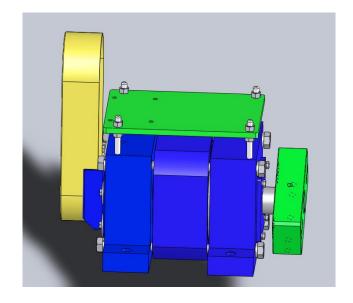


320 feet long goose neck conveyor with, 270 degree rotate deflector for CEL and PMS,AL

#### MATERIAL HANDLING SYSTEM







**Eccenter Shaker** 

#### MATERIAL HANDLING SYSTEM











#### MATERIAL HANDLING SYSTEM





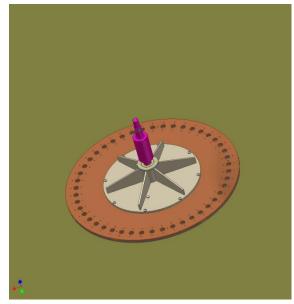


Turn Table for CSL, Windsor

#### MATERIAL HANDLING SYSTEM



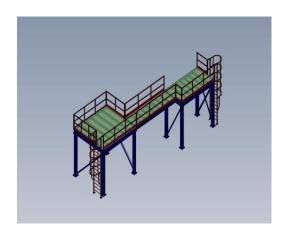


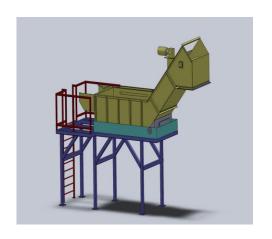


Spindle Clamp and Turn Table for GKN

#### **FABRICATION**

Large variety of WMC designed and fabricated machines, safety guarding, platforms, poke yoke tables, scissor lift tables, turn tables, HD filter conveyors, magnetic conveyors, indexing conveyors, motorized and gravity press doors, carts, steel part boxes, bolster wheels and etc....





Registered



**Motorized Door** 

# **FABRICATION**



Platform Guarding



**Gravity Door** 

Registered to ISO 9001

# 





Bolster and Bolster Rail

# **FABRICATION**



Electro Controls for Deflector



Coil Racks



Guarding

# Green house equipment









# PRESSES/ METAL FORMING



Specialized in the design, fabrication, and installation of highly sophisticated hydraulic presses and metal forming machines.

#### PRESSES/ METAL FORMING





Bolster for die exchange



Hydraulic TrimPress with transfer table Haiz Lemerz Faundry\_Cadillac,Mich

# **ROBOTICS & AUTOMATION**



Provides clients with turn-key automation solutions for various manufacturing processes

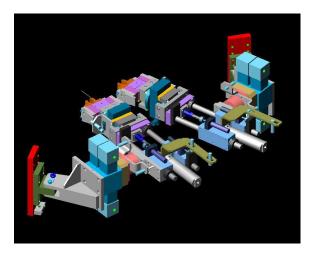
# ROBOTICS & AUTOMATION KEY CAPABILITIES



- Installation and maintenance of press control systems (Allen Bradley, Omron and Fanuc), machine control and transfer line.
- PLC programming, testing and troubleshooting of Allen Bradley, Siemens PLC Step 7, Omron SYSWIN V 3.2A.
- Electrical designs and schematics for various machines.
- Installation, programming and maintenance of robots.
- Installation and implementation of TMS (Total Maintenance System), preventative and predictive maintenance of equipment.
- Various electrical construction (including control panels), installation and debug.

# **ROBOTICS & AUTOMATION**





Automatic load and unload station on SPBM for GKN



Robot at welding cell RC line\_CSL, Windsor

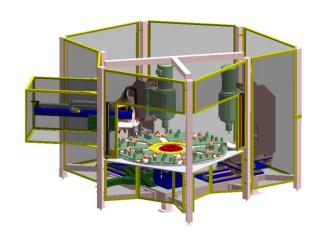




EOT of casting part after trimming process Haiz Lemez, Cadillac,Mich







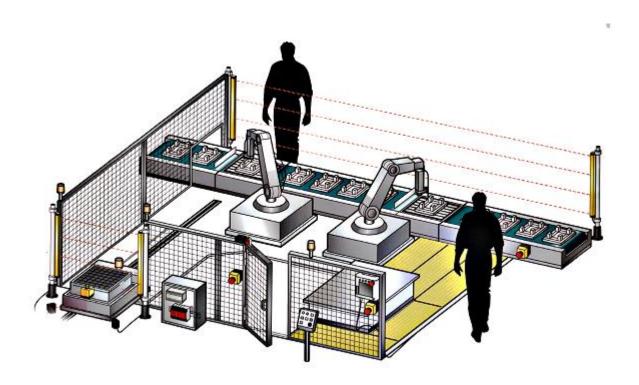
GM Hinge Fully Automated Assembly Cell, MTI Peco, Toronto.





Air Bag Cage welding and assembly unit and testing machine for MTI

Registered to ISO 9001





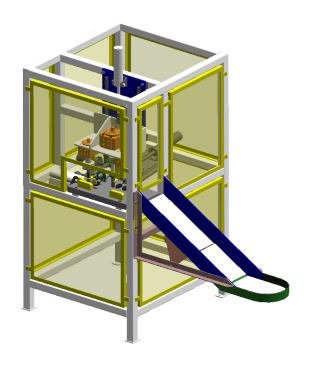
Robot, transfer conveyor and shuttle cell for pre-assembly line in Toronto facility.

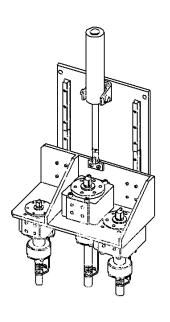




Nissan Assembly Line

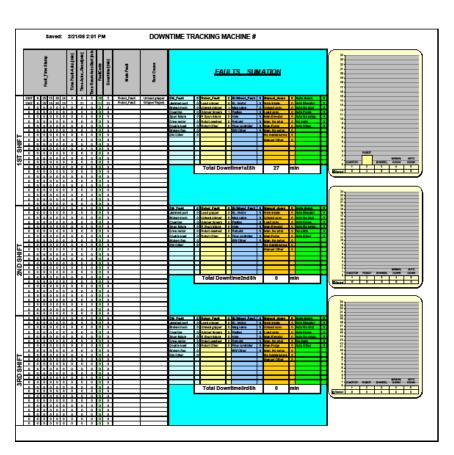






End of line nut testing machine

# SCADA system for production management



### **MACHINED COMPONENTS**



Provide a wide range of custom machined parts for internal equipment build requirements and external sales based on client requirements

# NSF-ISR Registered to ISO 9001

#### MACHINED COMPONENTS

Machined Parts: Equipment Spare Parts

Sliders Cylinders

Couplings Pistons

Blocks Connectors

Mechanical connectors Couplers

Flanges Manifolds

End Caps All other custom mechanical

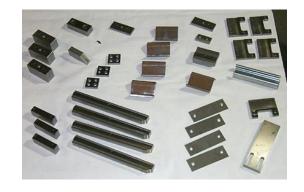
Grippers Hydraulic and pneumatic parts

**Block Divider** 

**Custom Mechanical Parts** 

# MACHINED COMPONENTS











# MACHINED COMPONENTS











# MACHINED COMPONENTS







Valiant Machine & Tool Inc. Windsor.

### **SERVICES**



✓ Engineering Services

✓ Integration Services

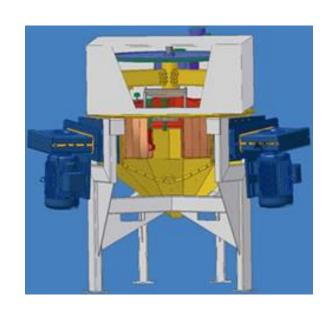


# **ENGINEERING Key Capabilities**

- Design unique custom equipment and processes based on customer requirements
- Develop customer drawings for mechanical, hydraulic and electrical circuits
- Utilization of state-of-the-art CAD, INVENTOR, CATIA, SOLID EDGE, SOLID WORKS to expedite the design and proof of concept process

# NSF-ISR Registered to ISO 9001

# ENGINEERING





INLINE DEDICATED SHOT PEEN BLASTING MACHINE FOR GKN SINTER METALS





- Design processes and controls.
- Manufacture, program and assemble system components.
- Integrate communications, wiring, hydraulics and pneumatics

# CUSTOMERS



- NARMCO GROUP
- CROSS HULLER
- FALCON TOOL & DIE
- GKN SINTER METALS
- KAUTEX CORPORATION
- NARTECH METAL PRODUCTS
- SHULLER PRESS
- SIEMENS VDO
- ZETTEL MANUFACTURING INC.
- HAYES LEMMERZ INTERNATIONAL INC.
- GENERAL AUTO
- MTI-PECO INC.
- PRINCE METAL STAMPING
- VALIANT MACHINE & TOOL INC.

WINDSOR, CANADA

MI. USA

WINDSOR, CANADA

MI, USA

WINDSOR, CANADA

GUELPH, CANADA

CLINTON, USA

LONDON, CANADA

KITCHENER, CANADA

MI, USA

WINDSOR, CANADA

**CANADA** 

AL, USA

WINDSOR, CANADA

#### **REFERENCE**

				10
COMPANY NAME	CONTACT PERSON	TITLE	TELEPHONE	NSF-I
NARMCO GROUP	MIKE APOLLONIO	CORPORAE CAPITAL PROJECT MANAGER		Register to ISO 9
CENTRAL STAMPING LTD.	TONY TURTON	CORPORATE MANUFACTURING MANAGER	(519) 945-1111X1247	
WECON SYSTEMS LTD.	LAZA RADOCAJ	PROJECT MANAGER	(905) 624-6499X236	
J.F.K. SYSTEMS INC.	DARCY GADHOURY	DESIGNER CAPITOL PROJECTS	(519) 737-1361X244	
GKN SINTER METALS	BRANKO CVETKOVIC	PROCESS DEVELOPMENT MANAGER	(519) 965-7034	
SIEMENS VDO	SAM VALO	STRATEGIC BUYER	(519) 682-5115	
CROSS HULLER	SANTE FORTIN	EXPEDITER	(586) 532-3038	
KAUTEX CORPOTATION	MARKUS LABUSCH	MANUFACTURING ENGINEER	(519) 251-7603	
SHULLER-PRESS	KLAUS HERTELL	ENGINEERING MANAGER	(734) 207-7263	
SCHUKRA OF N.A.	SRIDHAR RAO	BUYER	(519) 727-7000X1928	
RUSSELL TOOL & DIE LTD.	RON VANNIEUWENHUYZE	GENERAL MANAGER	(519) 352-8169	
JNM TOOL & MANUFACTURE INC / WMT	LAZA RADOCAJ	PROJECT MANAGER	(905) 624-6499X236	
INTEGRAM	JOE MAMMORELLA	PROJECT MANAGER	(226) 229-0749	