



VCG Continental

INNOVATIVE ENGINEERING SOLUTIONS

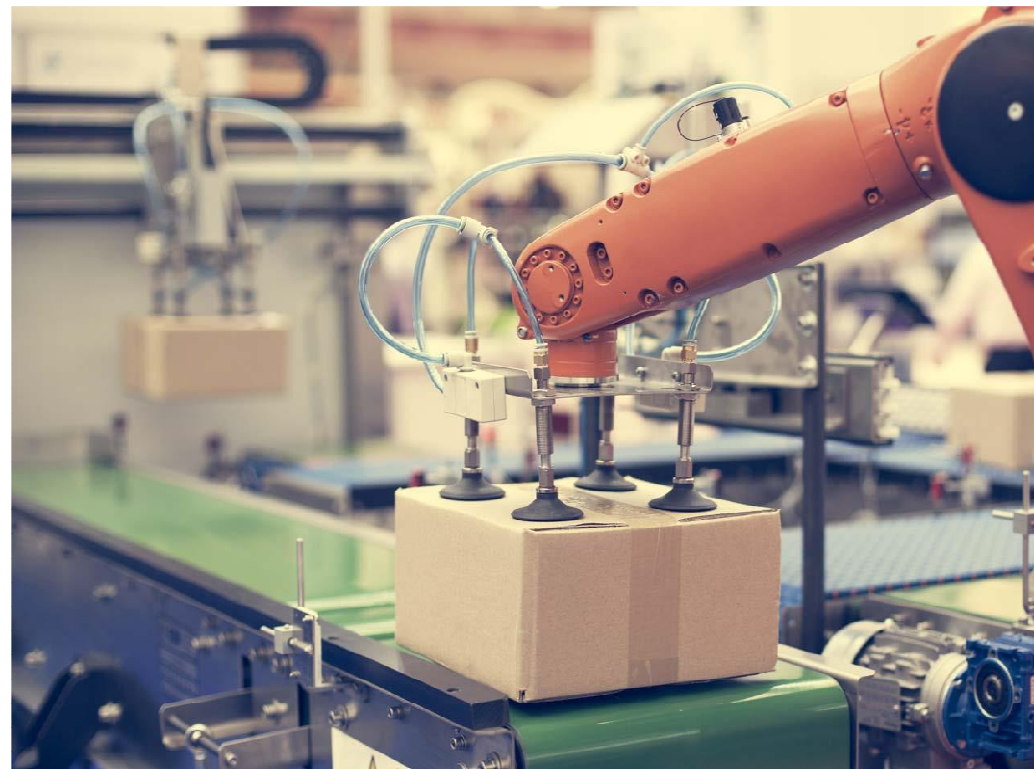
VCG Continental is a multi-disciplinary engineering firm.

We provide technology-based solutions for various industries.

We help our customers with solutions ranging from design & calculation of the requirements to development and Industrialization of production lines.

VCGCONTINENTAL.COM





VCG Continental

Innovative Engineering Solutions

VCGCONTINENTAL.COM

MORE INTELLIGENCE SOLUTIONS

About VCG Continental

By VCG Continental

VCG Continental is a multi-disciplinary engineering firm. We provide technology-based solutions for various industries. We help our customers with solutions ranging from design, calculation of requirements to develop and Industrialize production lines.

Mission

We provide robust Engineering and Manufacturing solutions by developing our Design and Fabrication competencies and strengthening our supply chain, all with one objective, increase our customer's profitability!

Vision

Be the best choice for Engineering and Manufacturing solutions, generating high satisfaction to our Customers and environmental impact caring!

Our Values

Committed

Committed to our customers: We choose to serve our customers, we are passionate about it!

Integrity

We do what we say, we do only right!

Trustworthy

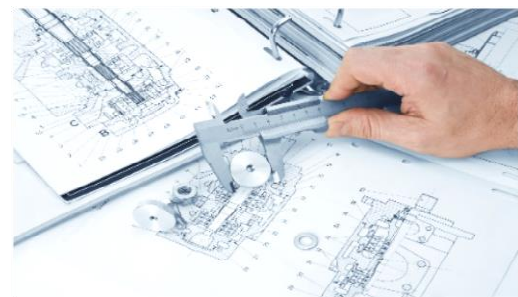
You can trust, we'll be by your side when needed!

Social Responsible

Our solutions are optimized, well thought! No waste allowed

Passionate

We choose to serve our customers, we are passionate about it!



Services & Products

We dominate the ability to provide integration services that include analysis, testing, product design and development support. We are specialist on industrial control and system integration, providing evaluation of our customers processes and automation needs.



Services & Products

By VCG Continental

- Design & Automation of Manufacturing Lines.
- Control Systems, Robots & Manipulators.
- Conveyors; Power , Gravity and Integration.
- Fixtures, Gauges , Assembly Stations , Inspection Jigs & Tools.
- Development of customized products and Testing equipment.
- Cranes, Installation & Certifications.
- Electric & Facilities Services
- Warehousing solutions
- Aluminum Structural Profile; Distribution & Assembly Concepts.



Plant Layout

ENGINEERING SERVICES

Visit our webpage vcgcontinental.com

VCG Continental believes in building a relationship and partnership with our customers in order to provide products of a superior design, while keeping the cost down throughout the product design and development cycle, our efforts are focused on customer satisfaction through reduced of waste costs, as well as profitable sales and speed to market.

We are specialist on industrial control and system integration, providing evaluation of our customers processes and automation needs.

VCG Continental provides an integral concept that goes from the design of the line architecture to the conceptual rendering. In all our projects are included the most advanced methodologies as SMED, Poka - Yokes, 360° Protection, MPH analysis, Ergonomic analysis, MTM study, Traceability systems and Andon systems.

Over the years we have designed and developed numerous products for our customers, including industrial control systems for a variety of factory processes, special test equipment, and automated production lines



“Design is not just what it looks like and feels like. Design is how it works.”

By Steve Jobs



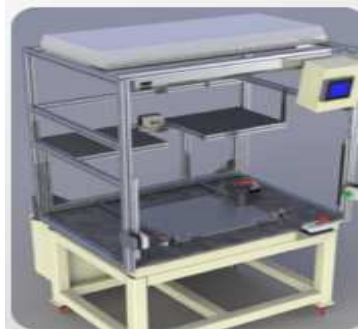
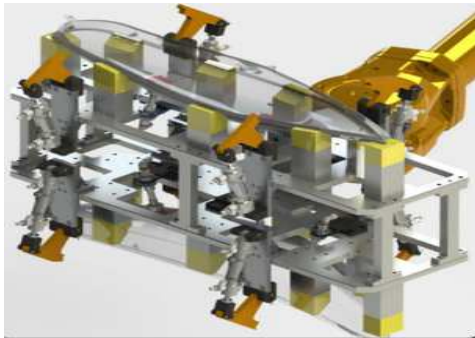
Computer Aided Design

By VCG Continental

VCG performs Engineering Design using a broad range of computational tools, such AutoCAD, Solid Works, Master Cam, Inventor and other specialized CAD software.

Our strong experience in Technology and Product Development helps to reduce the number of prototypes and necessary testing to ensure our offered solution will meet our customer requirements.

VCG Engineering capabilities minimize your investment by optimizing different hardware and systems solutions by simulation of solutions before this is Industrialized



Capabilities



WELDING



CONVENTIONAL
MACHINING &



WAREHOUSING



PROGRAMMING



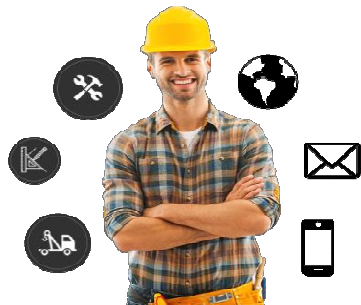
3D CAD
DESIGN







LADM



PROGRAM
MANAGER



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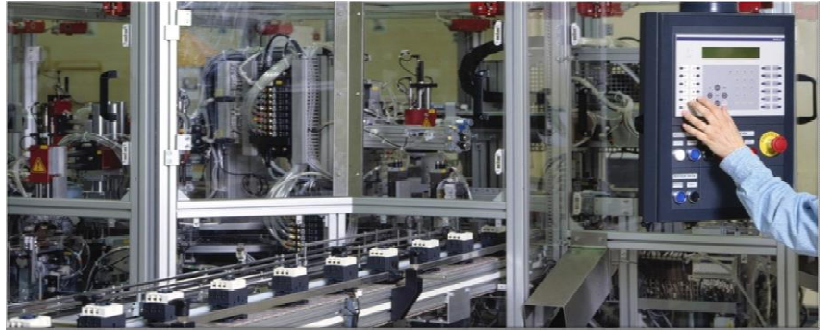


Design & Automation of Manufacturing Lines.

by VCG MANUFACTURING & INTEGRATION

VCG is specialized in the development of new production lines; Manual, Semi-automation and Full automation. We incorporate diverse technologies that secure Safety and high Quality Standards

All projects are supported with 3D CAD detail in every process station or equipment developed.



Robust Process.- 42 years of experience in the Industry will guarantee our customer satisfaction delivering robust processes, Industrialized with highest standards and delivering on time.

Stages & Peer Reviews.- VCG follows a PMP (Project Management Process) methodology that secures every phase of the project planned, our communication is clean and on time with our customers and we deliver on time. For that, we split our customer project in phases, described as follow: Design (DS), Mechanical Evaluation (ME), Programming Evaluation (PE), Debugging (DB), Qualification on Site (Q1), Manufacturing Prototypes in customer site (MP) and Final Qualification or Pilot Run (PL).

Program Manager.- A Program Manager is assigned to your project, he or she will be the single contact point between VCG and our customer and likewise he or she will be the responsible to keep you informed through every phase of the project, you will receive a report and face to face meeting with relevant information, as Project cost, timeline, risks and other unexpected challenges that usually comes up on every project.

Operation Rate .- VCG designs and guarantee your equipment to a standard life time on "off the self-equipment" and for customized equipment we align our guarantee to meet our customer needs. Subject to compliance with the user and maintenance manual provided by the manufacturer.

Lean Manufacturing Analysis.- VCG designs your production lines under strict analysis of customer needs, we ensure your line is LEAN by using Lean methodologies like LADM (Line Architecture Design methodology). All stations will meet ergonomic and safety standards and will optimize the material flow analysis, production time and capacity studies and line headcount balance.



Experience in

- LADM.
- Layouts
- MPH Analysis
- Ergonomic.
- MTM Study.
- SMED.
- Poka Yokes.
- Andons.
- Traceability systems.
- 3D CAD / CAM Engineering & Design.
- Robotic.

Other Attributes

- Project Management.
- Bilingual Personal.



Cranes ; Installation & Certification.

by VCG MANUFACTURING & INTEGRATION

Highlights

VCG Provides nationwide installations of customized and standard cranes and any other type of handling and product manipulators. VCG strives for Safety and Quality controls on any Industrialization provided to our customers.



Commitment

The Industrialization of our projects are flexible in timing, therefore we minimize the impact of production by performing installation of our developed equipment in non-production hours.

Certification

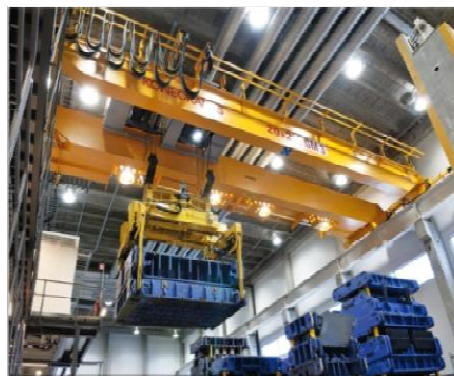
VCG will certificate your equipment to ensure is safe and meet high Quality Standards.

Safe installation is our primary goal!



Experience in

- Bridge cranes
- Jib cranes
- Hoist
(Pneumatic, electric, manual)
- Fabrication
- Installation
- Certification
- Manipulators



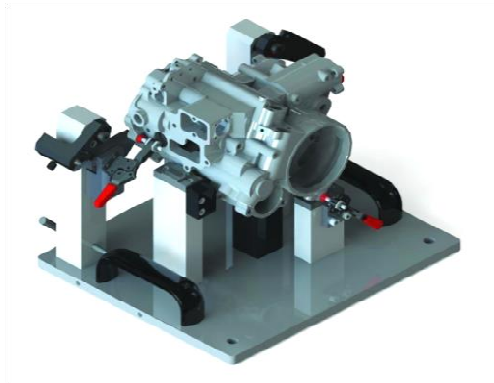
Fixtures, Assembly stations, inspection jigs & tools

by VCG Continental **MANUFACTURING & INTEGRATION**

VCG will develop all testing controls your product requires, mechanical and electrical, but also will develop any kind of traceability that our customer requires.

Our designs will be equipped with programming and system to collect data for manufacturing diagnosis if required by our customers.

FIXTURES



Instrumentation and Control Systems

VCG will design your customized tools to accelerate your assembly process with the right tools without putting in risk your people and the Quality of your products.

All controls will be evaluated through a PFMEA to secure no high risk is reduced or mitigated with implemented controls.

VCG Continental has experience working with:

- Industrial robotics
- Industrial manipulators
- Control systems
- Workstations
- Testing
- Assembly Test
- Inspection
- Rework
- Automated test equipment



Special Test Equipment

VCG Continental will design, develop, and fabricate automated test equipment (ATE) and special test equipment (STE) to meet your unique requirements.



ASSEMBLY STATION



Conveyors

by VCG MANUFACTURING & INTEGRATION

- Power conveyors
- Gravity conveyors
- Roller conveyors
- Low Pressure Conveyors
- Intelligent System – Transfers and Selection.
- Lift and Rotative tables



Development of customized Equipment and Processes

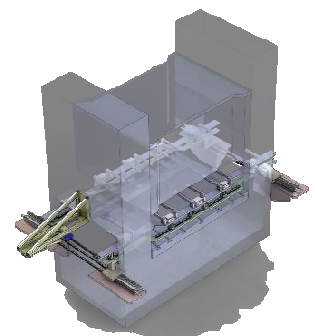
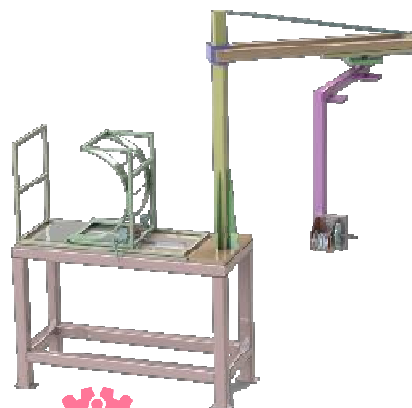
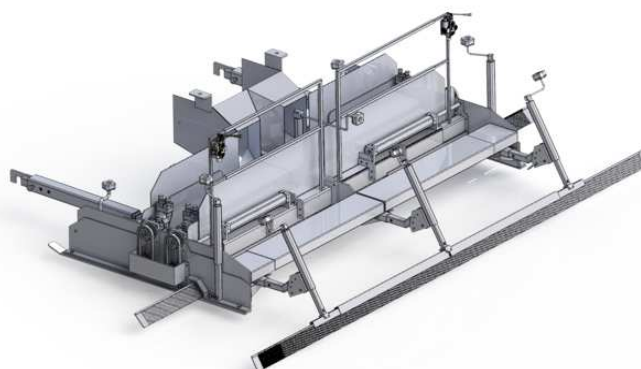
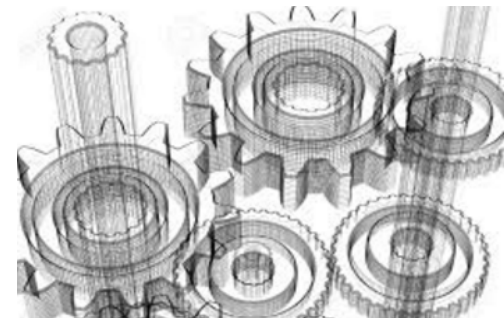
by VCG MANUFACTURING & INTEGRATION

Do you have a requirement for which no current commercial solution exists? At VCG, we specialize in **prototype fabrication** and design. We can design and fabricate one of a kind and unique pieces of equipment to help solve your problem.

Our customers often have special requirements to design and fabricate equipment or devices to meet a unique application. Innovative Engineering Solutions works with our customers throughout the development and fabrication of these one-of-a-kind devices.

Our Engineers work with proven and effective tools like SolidWorks, AutoCAD, and Mechanical Desktop Software to perform our analysis, all with one purpose "Tailor the right technology that will meet our customer needs".

- Engineering Analysis
- Product Design for Assembly
- Assembly Engineering
- Automation Design



Electric & Facilities Services

VCG Continental will provide you with facility and electrical services as listed below:

- Electrical Power grids, low, mid and high voltage
- Installation of power services on any equipment, such Transformers and substations
- Installation of production lines, including transportation and hook up of power drops
- Lay Out Re-arrangements
- Warehousing design systems







Warehousing Solutions

Design, manufacturing, sale and services of metal racking, gravity or automated warehouses and other storage solutions.



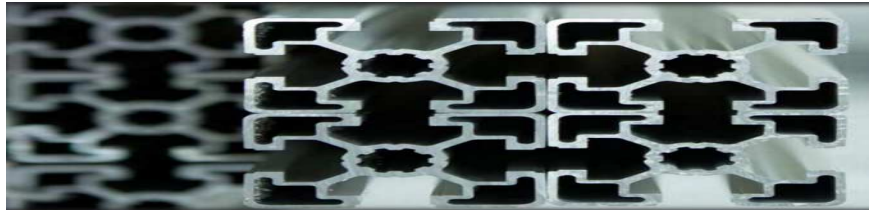
FOR MORE INFORMATION

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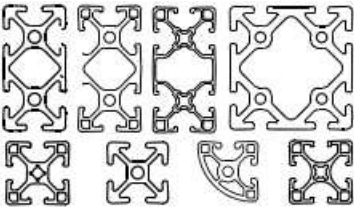


Aluminum Structural Profile.

by VCG Aluminum Profile.

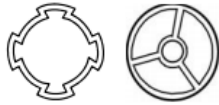


Standard



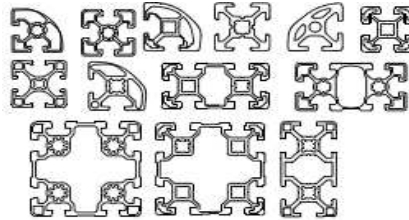
10 x 10	15 x 15 LQR	15 x 30 L	30 x 30
10 x 20	15 x 15 L	15 x 30 UL	
	15 x 15 UL		

Round



R28

Milimetric

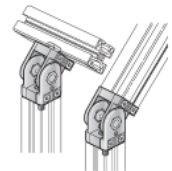


20 x 20	30 x 30	40 x 40	80 x 80	40 QR	90 x 90
20 QR	30 QR	40 x 80		45 x 45	
	30 x 60			45 QR	
				45 x 90	

Commitment On Time.- Our team comes early and stays late to get installation completed in the shortest time possible, minimizing the impact to production..

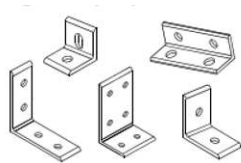
Safe installation is our primary goal!

Multi-Angle

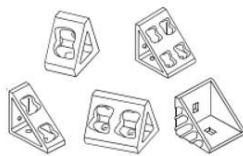


Accessories

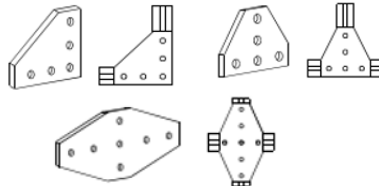
Angles Standards



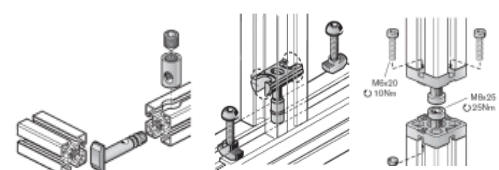
Gussets Standards



Plates (Angle, Ts and Hexagons)

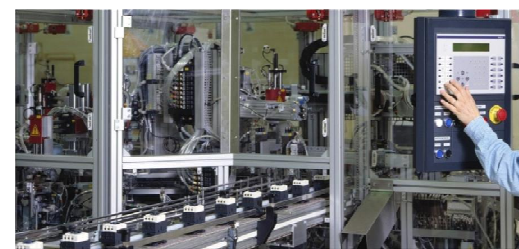


Internal Connectors



Applications

- Workstation
- Conveyors
- Testers and Equipments
- Carts, Racks & Cabinets.
- Automation Lines



VCG Continental



VCG CONTINENTAL

SERVICES

- ❖ Design & Automation of Manufacturing Lines.
- ❖ Development of customized products
- ❖ Control Systems, Robots & Manipulators
- ❖ Fixtures, Assembly stations, inspection jigs & tools
- ❖ Work Stations & Special Testing Equipment
- ❖ Electric & Facilities Services
- ❖ Industrial Equipment & Product Services

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