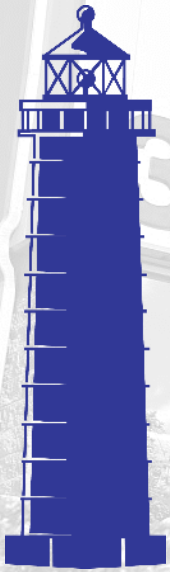


# VIKING PRODUCTS ENGINEERED SOLUTIONS



**VIKING PRODUCTS**  
INCORPORATED

# VIKING PRODUCTS WHO WE ARE



Founded in West Michigan, Viking Products has specialized in solution-oriented products and services since 1985. Our core values are rooted in being a family owned and operated business with strong ties to both our local community and global communities alike. Viking's diverse team is centered around providing exceptional customer service, exceeding customer expectations and achieving world-class quality. Our global capabilities and advanced engineering expertise enable us to develop the best total-landed-cost solutions with expected quality, on time and on budget. Continuous improvement is our philosophy, and we believe in providing our customers with a positive experience from product development to delivery.

VIKING PRODUCTS

# DISTRIBUTION/WAREHOUSE LOCATIONS

## CANADA

Toronto 2020

## USA

Grand Rapids, Michigan  
Laredo, Texas  
Kansas City, Missouri  
Decatur, Alabama  
Chicago, Illinois

## MEXICO

Salamanca  
Hermosillo  
San Luis Potosi  
Querétaro

## CHINA

Shanghai 2020

## SOUTH KOREA

Busan 2020

## TAIWAN

Kaohsiung





# VIKING PRODUCTS

## INDUSTRY COVERAGE



AGRICULTURE



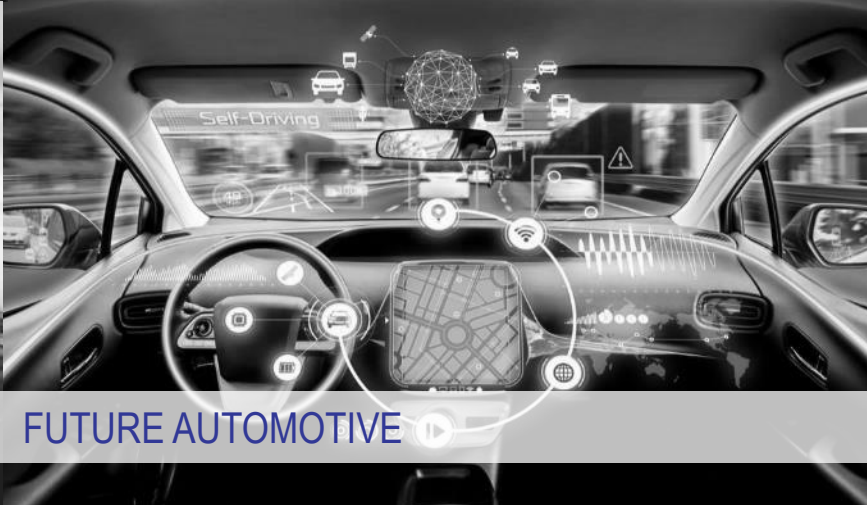
RENEWABLE ENERGY



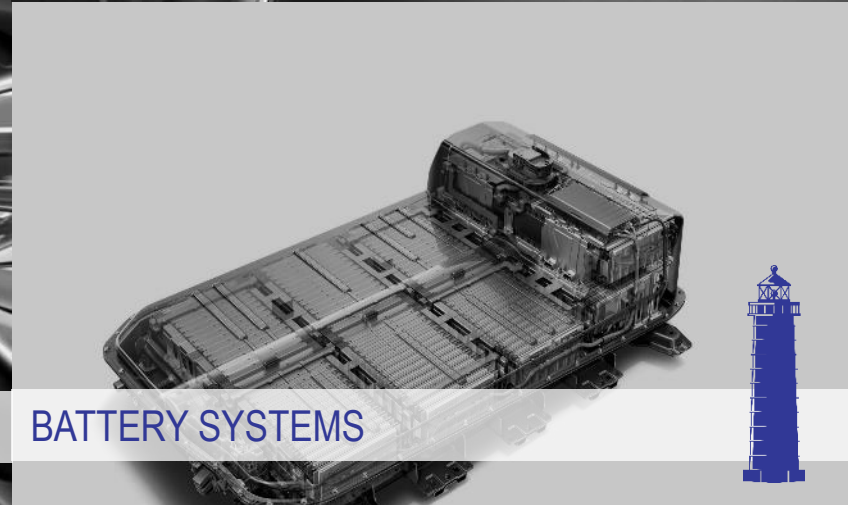
AUTOMOTIVE



COMMERCIAL & HEAVY-DUTY VEHICLES



FUTURE AUTOMOTIVE

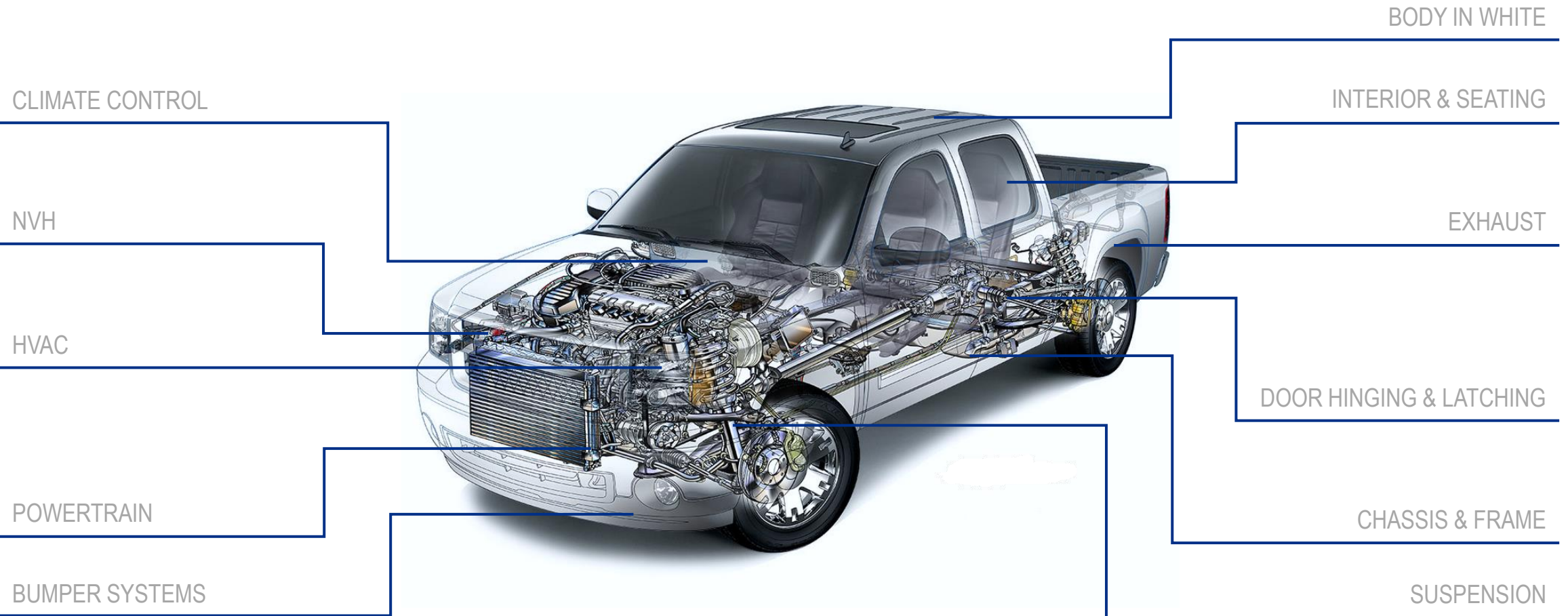


BATTERY SYSTEMS



VIKING PRODUCTS

# AUTOMOTIVE SYSTEMS INVOLVEMENT





VIKING PRODUCTS

# ENGINEERED & CUSTOM PRODUCTS

Our team is committed to satisfying the needs and expectations of our customers and providing timely deliveries.

Some of the services we provide include:

APPLICATION ENGINEERING

APQP – ADVANCED QUALITY  
PLANNING & PROGRAM LAUNCH

COMMERCIAL MANAGEMENT

MASS PRODUCTION, SCHEDULING,  
LOGISTICS & DISTRIBUTION

PROCESS ENGINEERING

PRODUCT ENGINEERING

PROJECT MANAGEMENT

PROTOTYPING

TESTING AND VALIDATION



# VIKING IATF & ISO CERTIFICATIONS



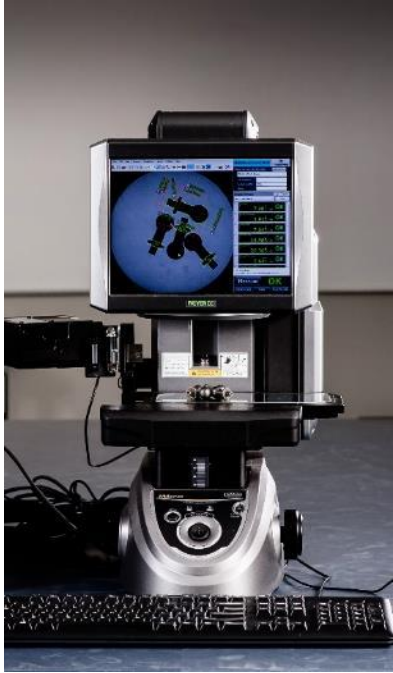
We recently completed our upgrade audit to ISO 9001:2015 and IATF 16949:2016.

It is our goal to exceed the minimum requirements for the quality certifications we maintain and ensure the principles of these standards are displayed daily throughout our business practices.



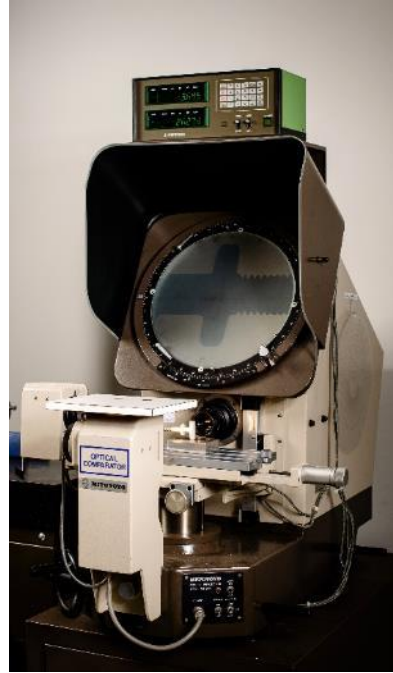
# VIKING PRODUCTS

## QUALITY TEST MACHINES



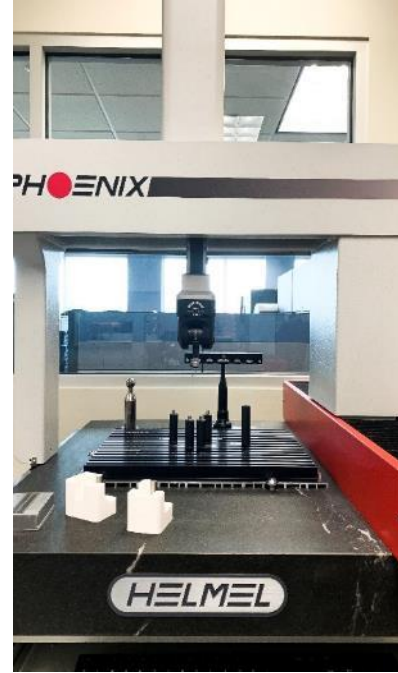
INSTANT CAMERA  
MEASUREMENT MACHINE

KEYENCE



OPTICAL COMPARATOR  
(SHADOW GRAPH)

Mitutoyo



CMM (COORDINATE  
MEASUREMENT MACHINE)

PHOENIX



HARDNESS TEST

phase II  
The Science of Quality



TENSIL TEST MACHINE  
(UP TO 30,000LBS. & 133KN CAPACITY)

INSTRON







# VIKING PRODUCT PORTFOLIO



VIKING PRODUCTS

# ALUMINUM EXTRUSION EQUIPMENT

## SECONDARY PROCESSES

ASSEMBLY

STRETCH BENDING

MACHINING

- CNC MILLING

- CNC TURNING

TRIM

POST PROCESSING

- AGING

- HEAT TREATMENT

## PRODUCTION EQUIPMENT

## MOLD SIZE

Aluminum Extrusion Press 690 Ton

4 Inch

Aluminum Extrusion Press 1500 Ton

6 Inch

(2) Aluminum Extrusion Press 2100 Ton

7 Inch

Aluminum Extrusion Press 3200 Ton

10 Inch



# VIKING PRODUCTS EQUIPMENT

EXTRUSION PRESS



HEAT TREATMENT



CUTTING



STRETCH BENDING

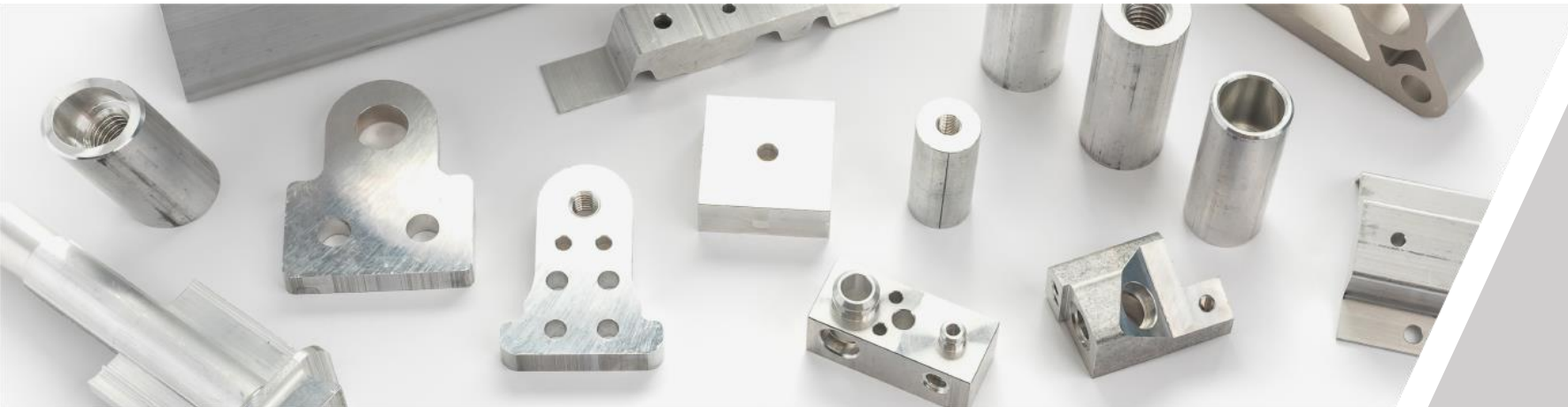






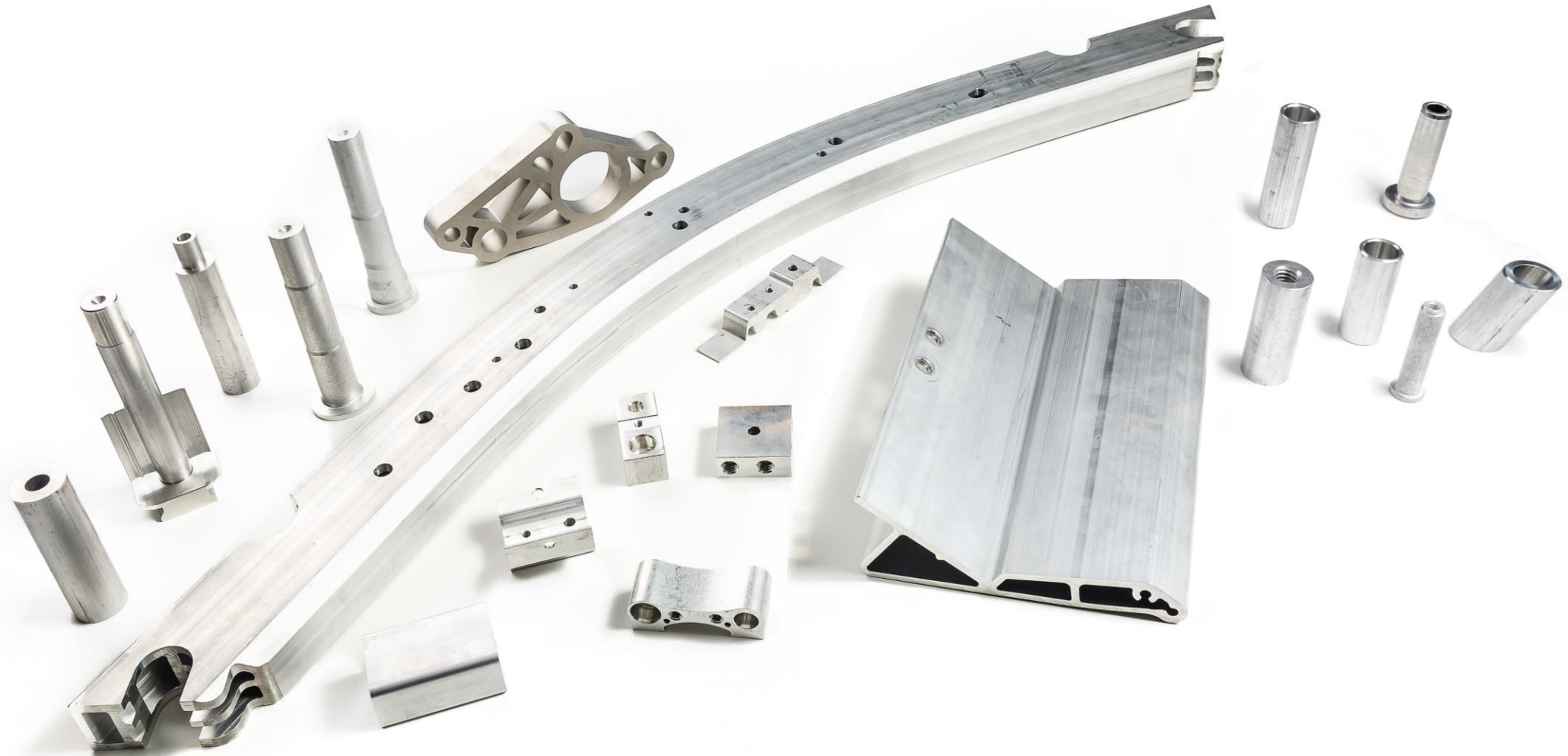
VIKING PRODUCTS

# ALUMINUM, COLD FORMING & BATTERY COMPONENTS PORTFOLIO



# ALUMINUM

EXTRUSIONS, COLD-FORMED, DIE-CAST, PERMANENT MOLD, MACHINED & ASSEMBLIES



VIKING PRODUCTS  
**ALUMINUM EXTRUSIONS**





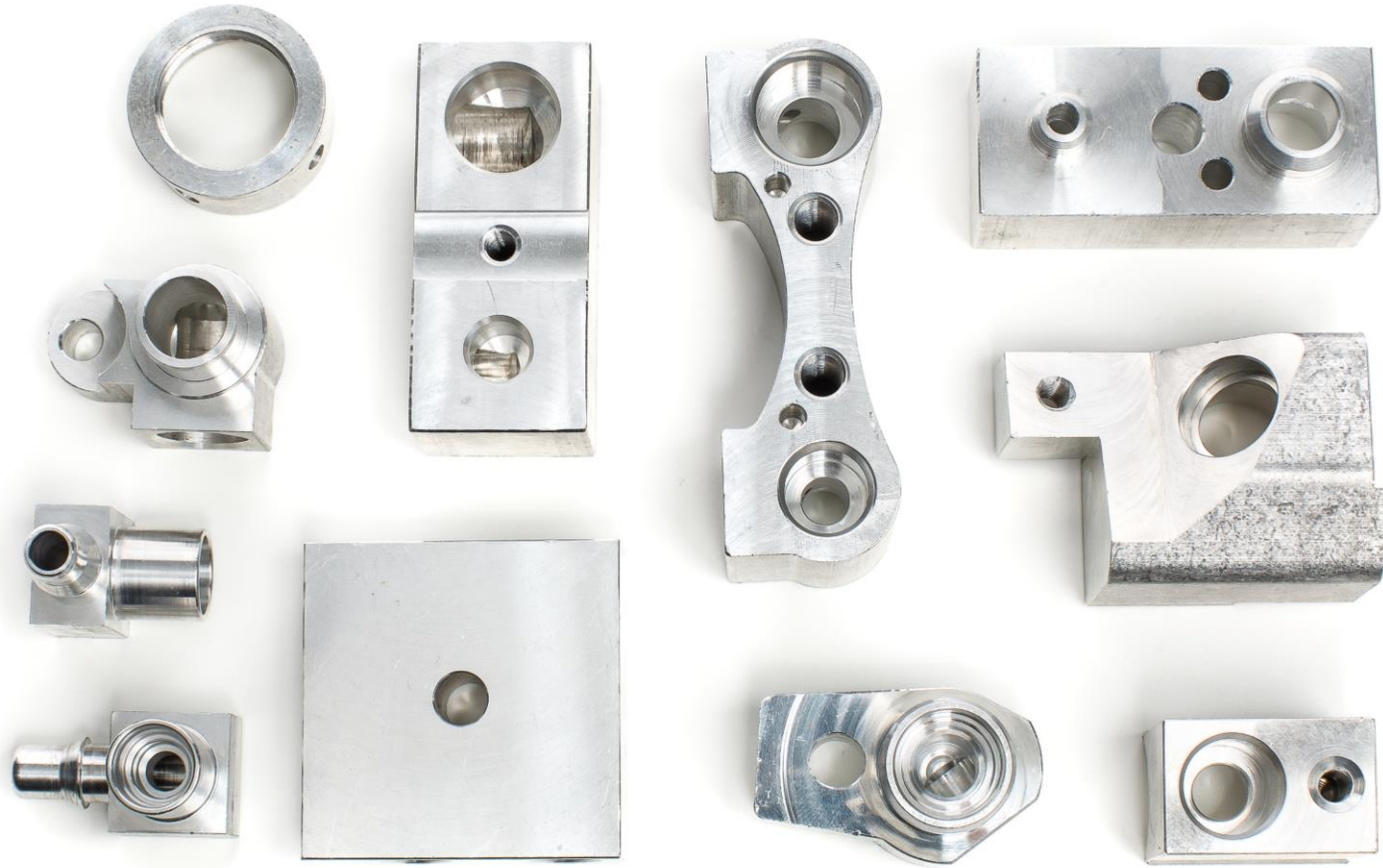
# ALUMINUM

## EXTRUSIONS



# ALUMINUM

FLUID DELIVERY



# VIKING PRODUCTS

## COLD FORMING CAPABILITIES

### SECONDARY OPERATIONS

- Threading
- Machining
- Heat Treatment
- Plating/Coatings

### MATERIALS

- Low Carbon Steel
- Medium Carbon Steel
- Alloy Steels

### MAX STROKE (PART LENGTH)

- Approx. 200 mm

### STATIONS

- Up to 7





## BOLTS, STUDS, WELD STUDS & SCREWS

## BOLTS, STUDS, WELD STUDS & SCREWS



# COLD FORMED

NUTS & PIPE NUTS: WELD SLEEVES, FRAME RAIL NUTS, PIPE NUTS, BARREL NUTS & STRUCTURAL COMPONENTS



# BATTERY COMPONENTS





# THANK YOU

VICTOR VELAZQUEZ  
ACCOUNT MANAGER



**Location**

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76090



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**VIKING PRODUCTS**  
ENGINEERED SOLUTIONS