BOREAL METALWORKS

LASER CUTTING | LASER PROFILE CUTTING | CNC BENDING
WELDING| PUNCHING | POWDER COATING

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OUR MISSION

Our compromise is to meet all of the requirements established by our clients, by constant skill develompent and training as well as the continuous improvement of our processes and products through our quality management system.

Making a difference in the industry is our greatest goal, being distinguished by our work in laser cutting, welding, bending and powder coating, offering solutions to fulfill our clients demands.

WE STAND OUT

MAKING A

DIFFERENCE

BOREAL

METALWORKS

TECHNOLOGY

INNOVATION

QUALITY

2010

Founded in January 2010 we set out to meet the need for large parts, wide variety of colors and small batches in powder coating

2011

We started with only 2 employees, at this time fabrication was added to our portfolio of services. Laser cutting and bending was added to our offered services in 2012

2015

A new powder coating line was added to meet our client´s growing demands

2017

We added a shot blasting machine to increase our services. Trumpf fiber laser added to our machine park

2019

We moved to a new facility with better installations and overall infrastructure in the "El Grande" industrial park

2021

Now we have over 50 employees and a wide variety of machinery. We´re still growing, adding new equipment to guarantee satisfaction in every job

OVERVIEW OF SOLUTION

WELDING

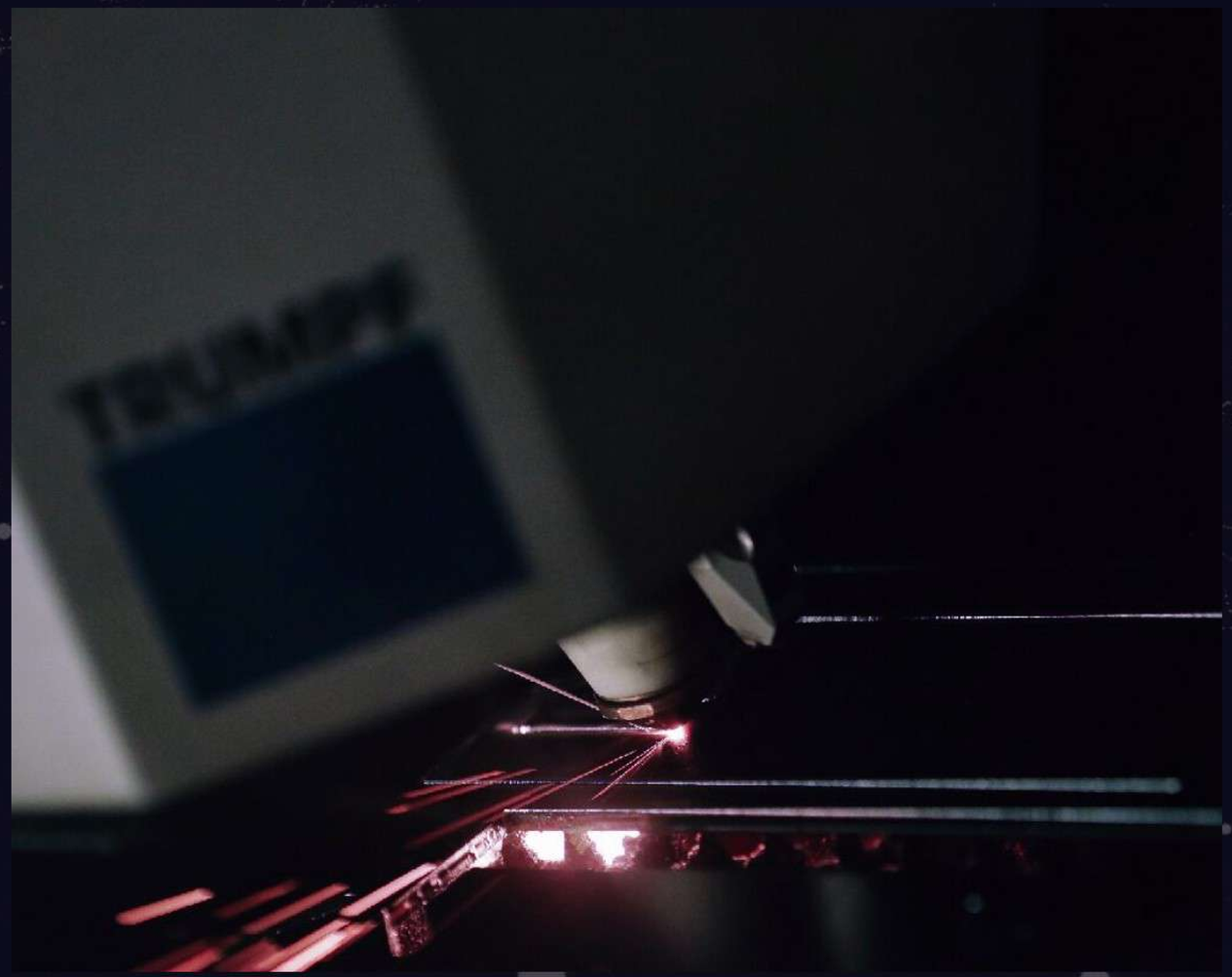
BENDING

LASER CUTTING

POWDER COATING

SANDBLAST

BOREAL METALWORKS PROCESS



LASER CUTTING

4000 X 2000 Bystronic Bystar 4020

3000 WCO2 laser.

3000 X 1500 TRUMPF Trulaser 2030

4000 W fiber laser.

14 mm / .55” aluminium

20 mm / .78” stainless steel

25mm / 1” carbon steel

8mm / .31” copper and brass

Wood, MDF and various plastics

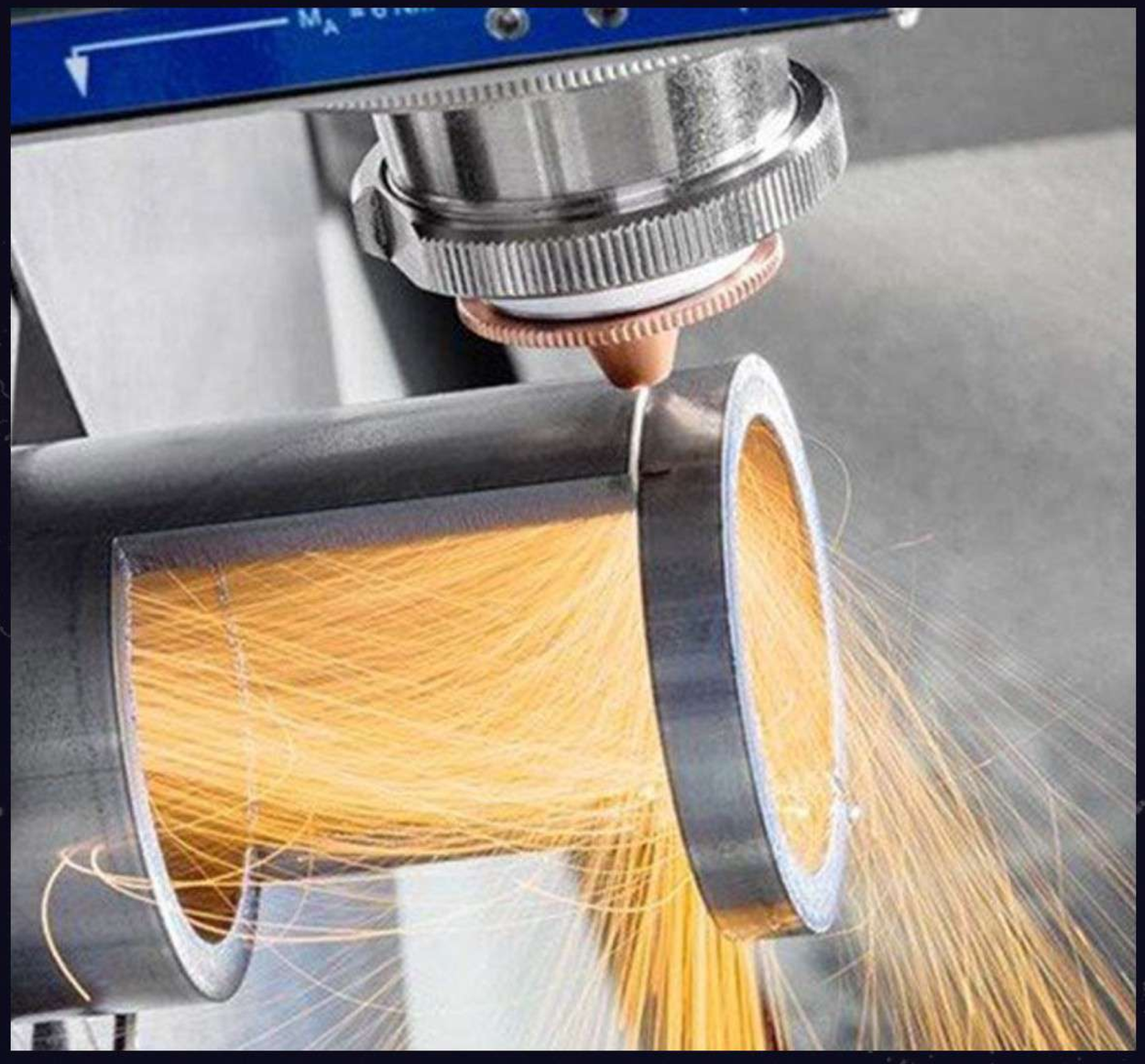
LASER PROFILE CUTTING

BLM profile laser cutting machine LT5 1000 W max diameter 5”.

Various cutting, drilling, bending and rolling machines for aluminium and steel.

Automatic Kasto, cold cutting band saw.

Plasma cutting equipment



SHEET METAL BENDING

TUBE BENDING

8´/ 2500 mm hidraulic press brake, 8 axis LVD PPEB 90 ton. max. C-12 8´ / 2500 mm.

3´/ 1000 mm electric press brake, 6 axis, LVD 24 ton. max. C-14 3´ / 1000mm.

WELDING

TIG and MIG welding.

Miller, Lincoln and EWM welding machines.

Stud welder and spot welding equipment.

ABB Lincoln welding robot.

POWDER COATING

Powder coating batch line, 8000 X 2000 X 2000 mm / 26´X 6´X 6´Optiflex 2 Gema equipment.

New batch modular powder coating line, 800 X 1500 X 3000 mm / 26´X 5´X 10´Optiflex 2

Gema equipment. Sand blasting & glass bead shot blast.

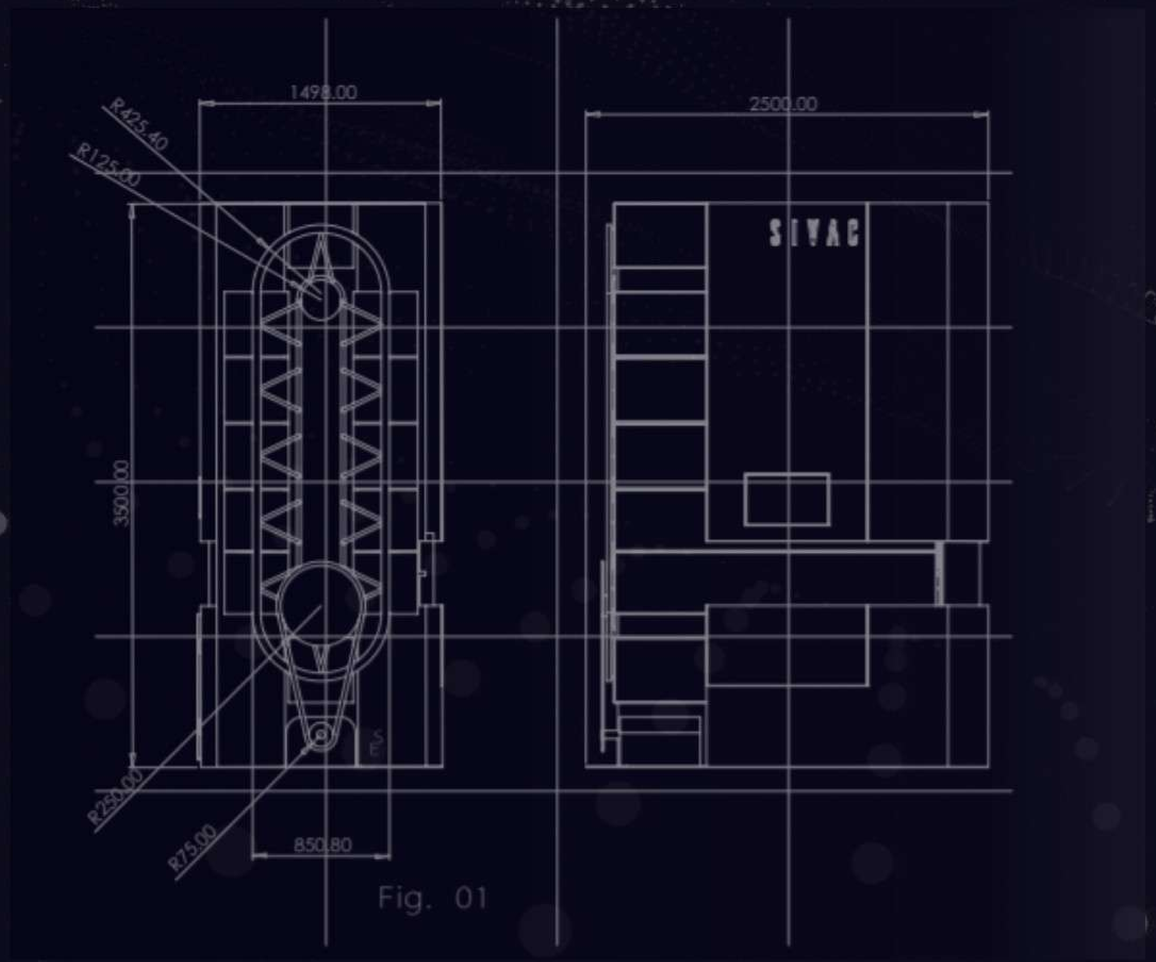


Fig. 01

CAD / CAM

We´re capable of designing complex assemblies in various 3D CAD software with highly qualified personnel.

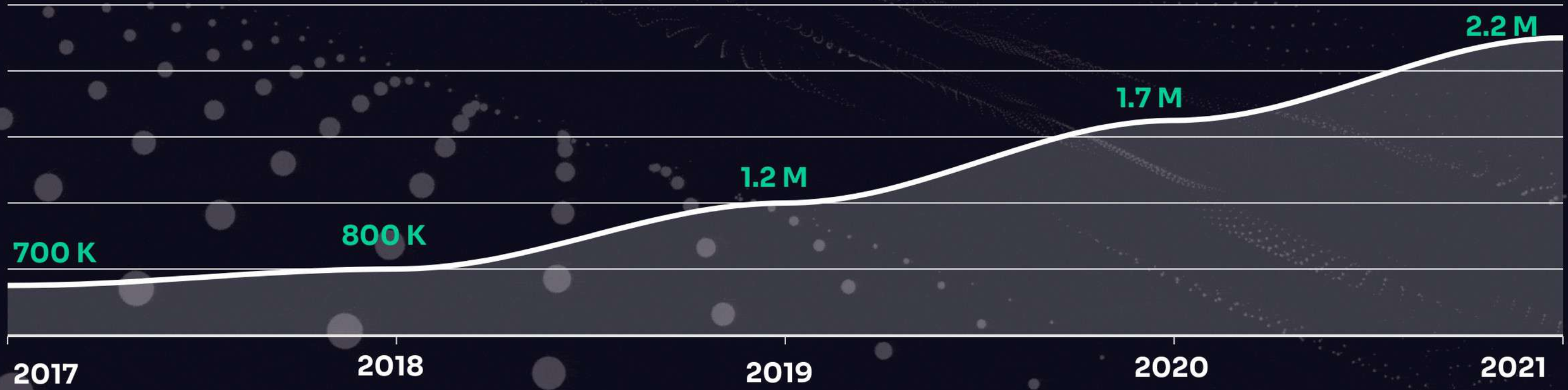
Being able to fabricate those designs using our CAM equipment.

HARDWARE INSERTION

WE CAN INSTALL A GREAT DIVERSITY OF THREADED INSERTS, STANDOFFS, AND OTHER TYPES OF HARDWARE (RIVET NUTS , STEEL PRESS FIT NUTS, STEEL PRESS FIT STUDS, PRESS FIT THREADED STANDOFFS)

DEVELOPMENT AND GROWTH

SALES



DEVELOPMENT AND GROWTH

80+ CLIENTS

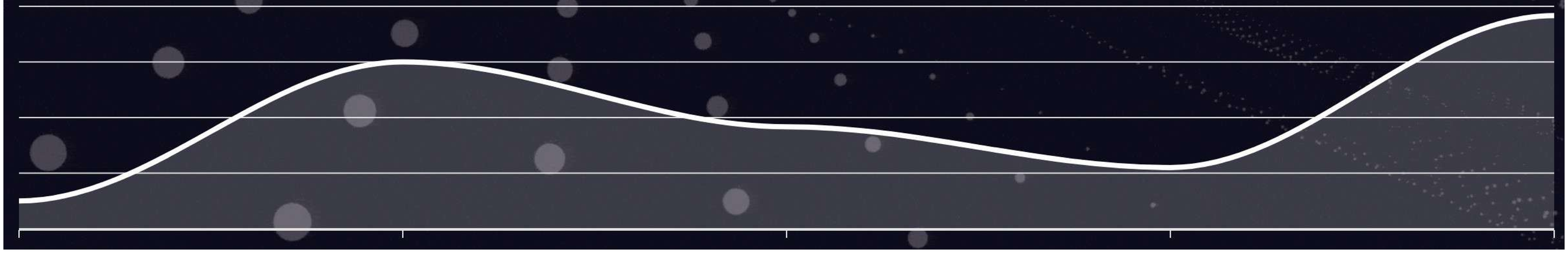
ONVIO
MARMON
DURR
ROBERTSHAW

500+ TONS OF STEEL

COPPER
ALUMINUM
STAINLESS STEEL

10+ INDUSTRIES

ROBOTICS
AUTOMOTIVE
HEAVY EQUIPMENT



CONTINUAL IMPROVEMENT PROCESS

- KAIZEN 2021
- Continuous staff training
- New manufacturing technologies
- Bootcamp Boreal
- PDCA training
- TRISKEL trainings
- Finance courses
- Program: Executive coaching
- Internal auditors course
- TEC Beyond course
- Automotive Suppliers Forum

CONTINUAL IMPROVEMENT PROCESS

BOOTCAMP

CONTINUAL IMPROVEMENT PROCESS

INDUSTRY RECOGNITION

ISO 9001

QUALITY MANAGEMENT SYSTEMS

We are an ISO 9001 2015 certified company counting with qualified personnel who strives to further its skills and better our services to our clients

ESR

SOCIALLY RESPONSIBLE COMPANY

We meet the standards to achieve the ESR distinction due to our commitment to social responsibility and for working for a better country.

INCREASING CUSTOMER ADOPTION

onvio
Great People in Motion

DÜRR

TOYOTA

GM

NISSAN

HUBS
A PROTOLABS COMPANY

Setex
AUTOMOTIVE MEXICO

YUTAKA

DINA

ABB

SIEMENS

GARLOCK
SAFETY SYSTEMS

TESTIMONIALS

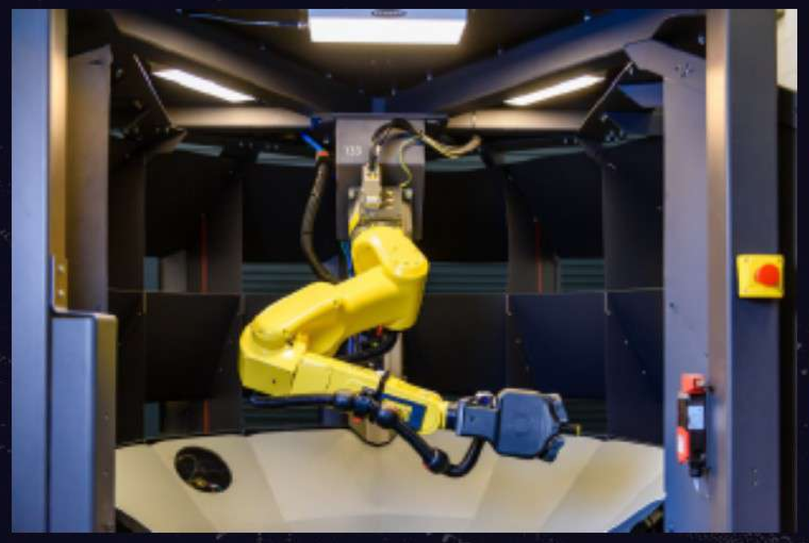
CONSORCIO CREATIVO INDUSTRIAL S.A. de C.V.

"Boreal Metalworks is our favorite supplier of powder coating, we are very satisfied with the service"
-CONSORCIO CREATIVO INDUSTRIAL

"We are very satisfied with the customer service and the fufillment of requirements of Boreal Metalworks, it is very enjoyable to work with you, you always seek to improve your services"
-3D HUBS

3D HUBS

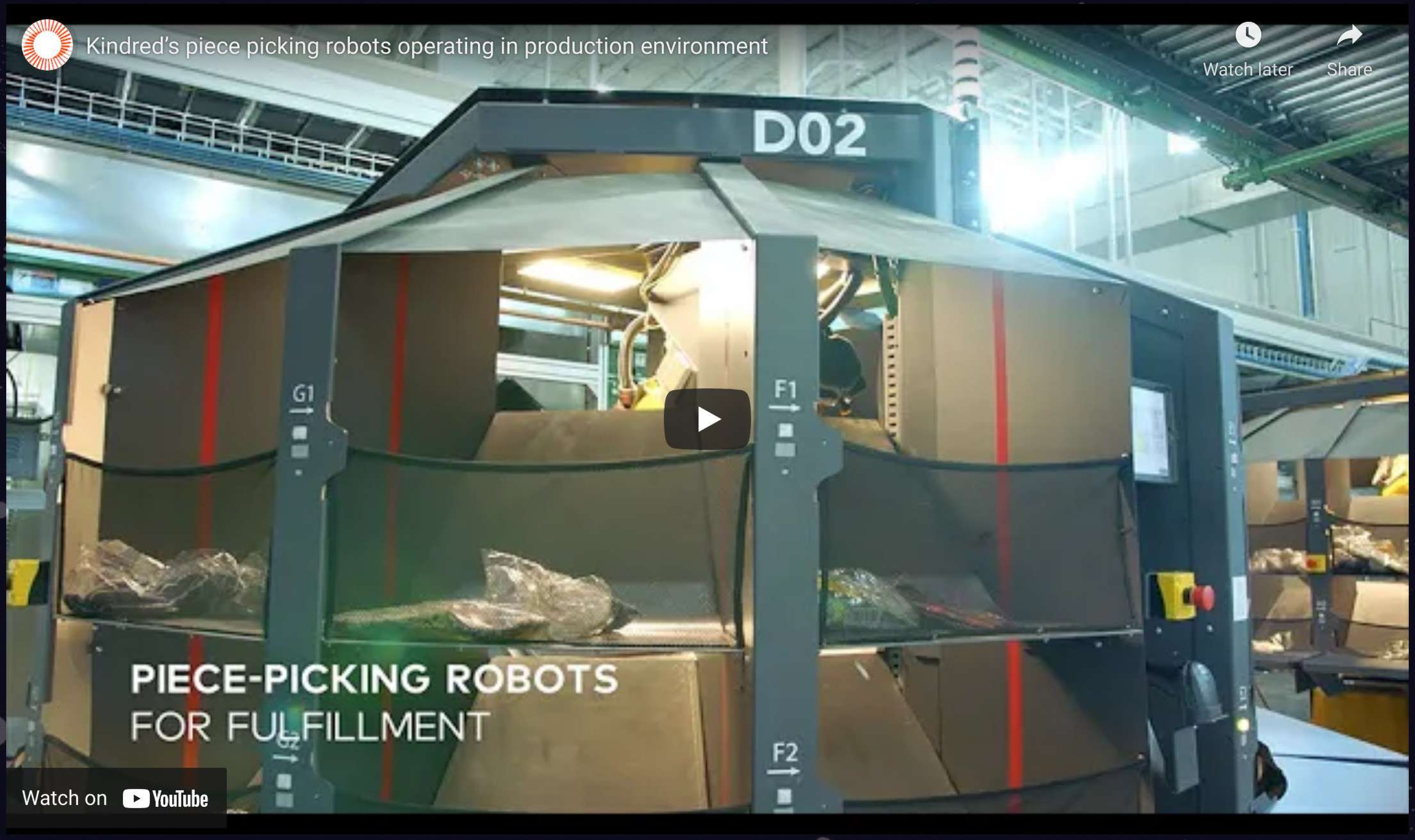
OUR PRODUCTS



CASE STUDY

CUSTOMER ONVIO
SYSTEM AUTOMATION , ROBOTICS AND MOTION CONTROL INDUSTRIES
APPLICATION RETAIL FULFILLMENT ROBOT

The relationship with this company and Boreal started in 2019 when ONVIO found with us the solution to their logistics and manufacturing problems , formerly, ONVIO's suppliers were located in Monterrey, which represented a great problem of distance, prices and damage to the product. Boreal offered them all the services that ONVIO needed, laser, bending, welding and painting in one place, avoiding all the problems that they had previously, since we have all the necessary machines and services to satisfy their demands.


Kindred's piece picking robots operating in production environment
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D02
G1
F1
PIECE-PICKING ROBOTS
FOR FULFILLMENT
G2
F2
Watch on YouTube

PROJECTS ABROAD

BATAVIA , OHIO

MILACRON

Injection molding and extrusion equipment

CHICAGO, ILLINOIS

3D HUBS

Online manufacturing platform that offers businesses on-demand access to a global network of manufacturing partners

PLASTIC AIR

FRP Fans, Scrubber Fume Hoods and High Efficiency Wet Scrubbers and Mist Eliminators

PARIS, ONTARIO

BOREAL METALWORKS STAFF

CONTACT US

GET IN TOUCH WITH US TO TALK MORE ABOUT YOUR PROJECT

CUSTOMERSERVICE@BOREALMW.COM
SALES@BOREALMW.COM
VENTAS@BOREALMW.COM

AV. ASOCIACIÓN DE INDUSTRIALES #103 MANZANA 1 LOTE 7,
ZONA INDUSTRIAL, 38160, APASEO EL GRANDE,
GUANAJUATO, MX.

¡THANK YOU!