



AVID

INTERNATIONAL MOLDING SOLUTIONS

www.avidims.com

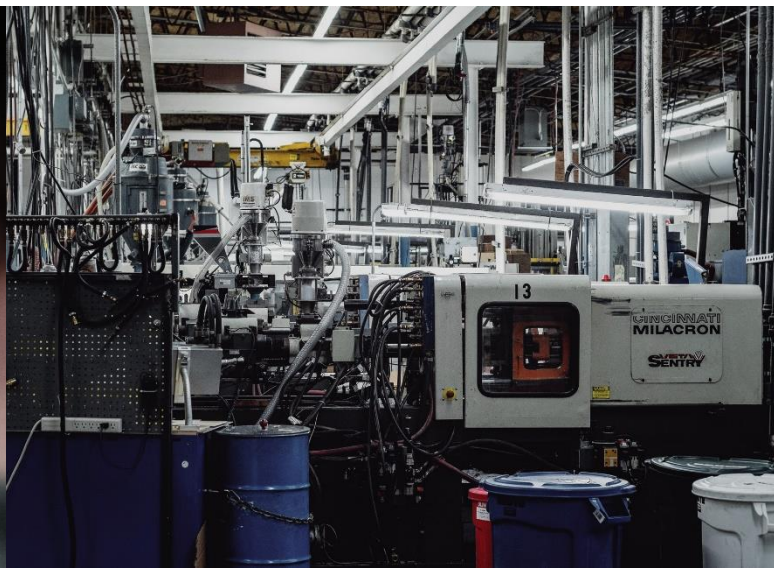
About us



AVID International Molding Solutions is a Certified (ISO 9001:2015) custom injection molding and assembling company.

With over 36 years of plastic molding experience, AVID International Molding Solutions is a trusted full-service plastic injection molding company.

Our machine sizes range from 90 to 600 Tons.

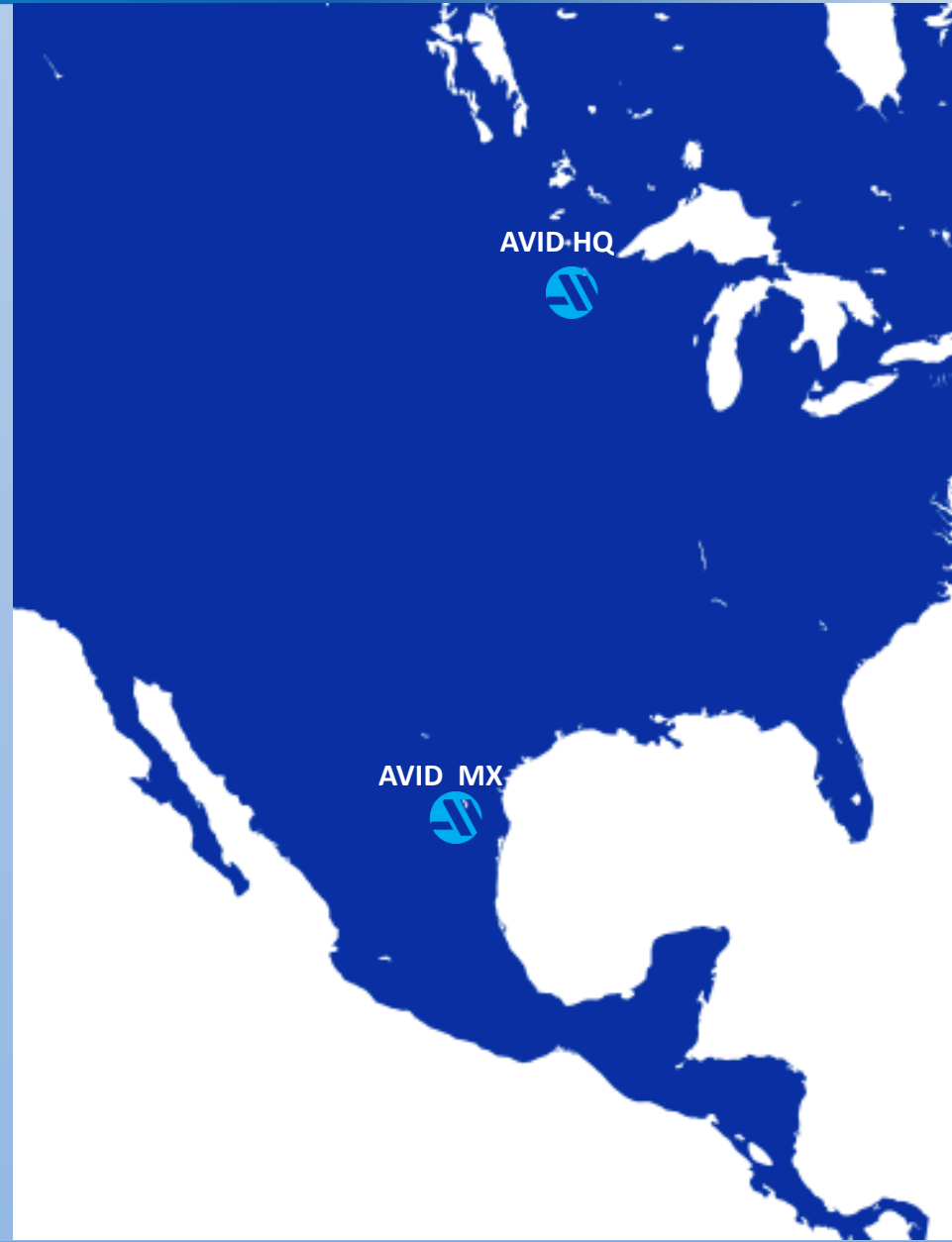


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Locations



With manufacturing facilities in both the U.S. and in México, AVID goes beyond being simply an injection molder... we are a dedicated full-service international solutions provider employing people, skill and practice that are nothing less than world class.



AVID HQ

19178 Industrial Blvd NW, Elk River,
MN 55330



AVID MÉXICO (E&O PLASTICS DE MEXICO SA DE CV)

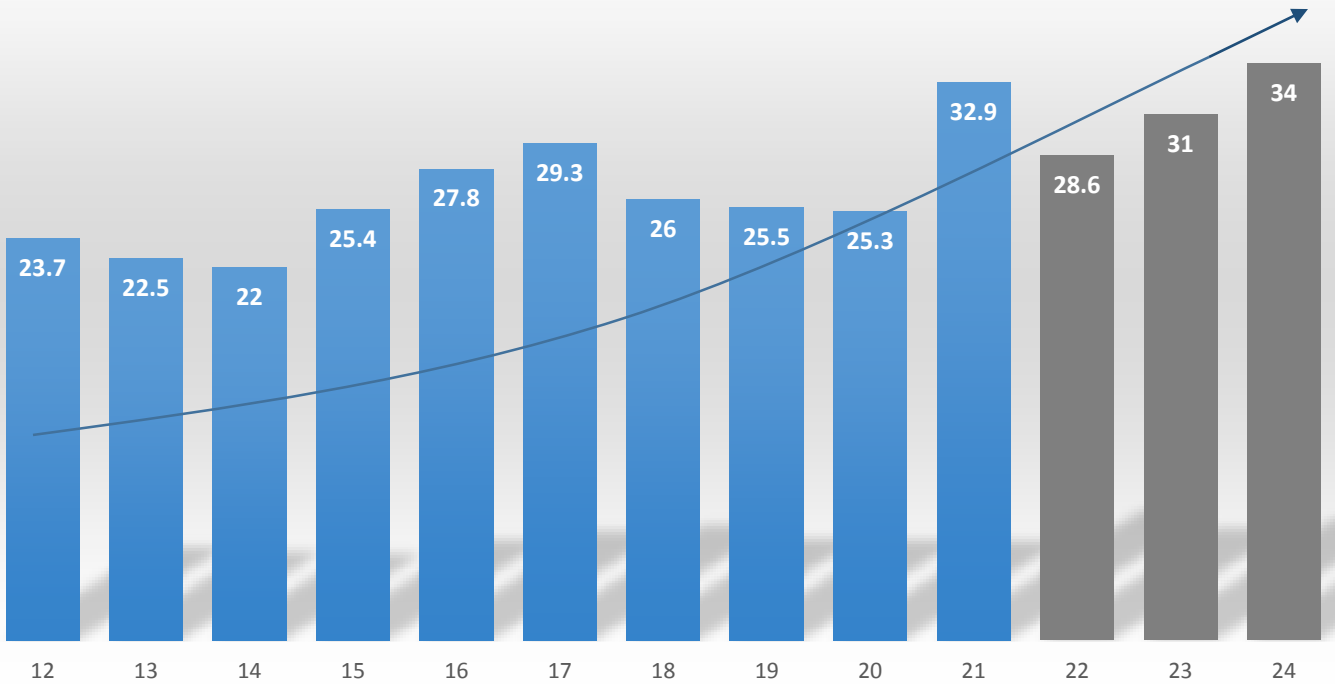
Hiperion # 905, Parque Industrial
Kalos-Guadalupe Guadalupe,
Nuevo Leon
México CP 67190

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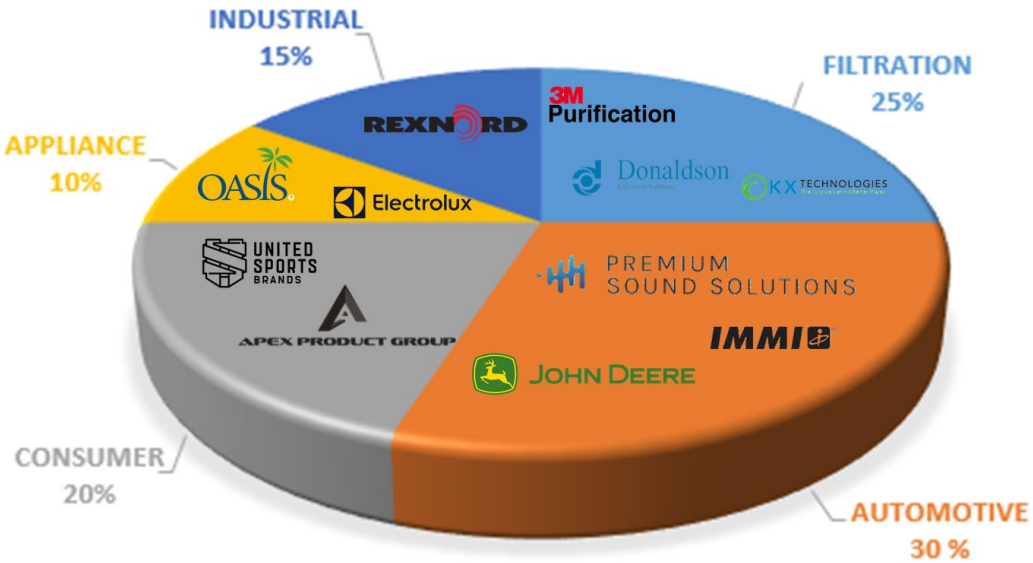
Consolidate Group Sales



Data express in 000 000



Diversified Customer



OUR CUSTOMERS



Filtration

Thick wall molding expertise



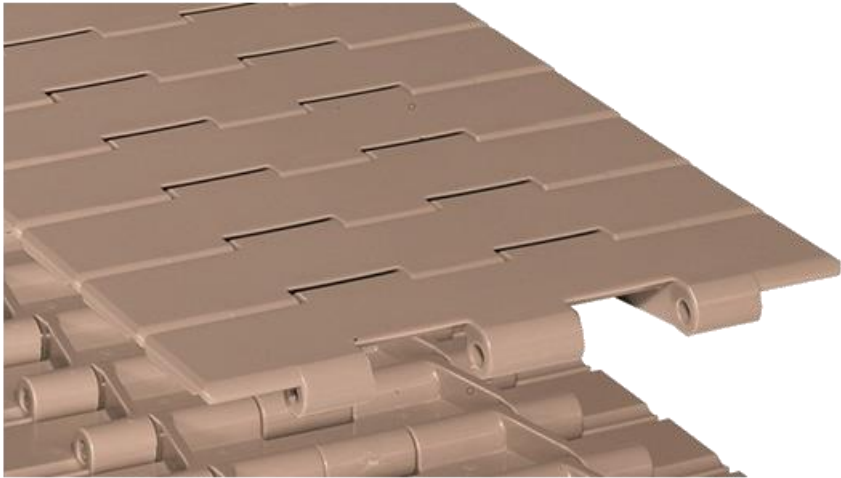
3M Purification



KX
TECHNOLOGIES
The Science Behind Better Water



Industrial



Appliance

OASIS



 Electrolux



Consumer



Automotive



JOHN DEERE





Monterrey Facility



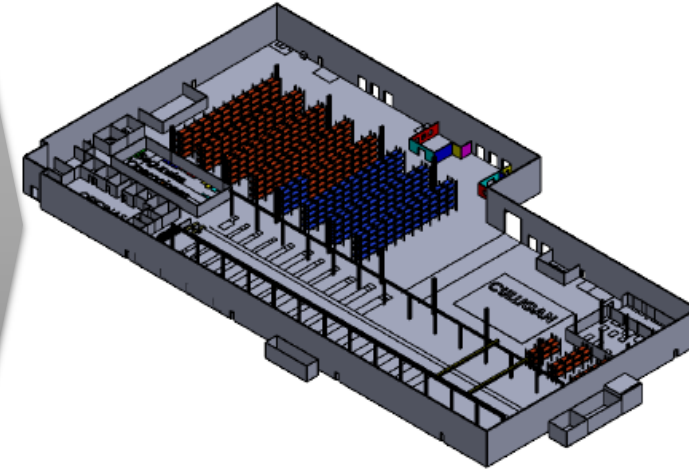
AVID México begins operations in November, 2005.

- 48,000 sq ft / 4,460 m²
- 27 presses 90 – 600 T Hydraulic and Electric Machines
- Rotary Vertical press
- Operating 6 days per week in 3 shifts



In 2013 we moved our facilities to a larger plant.

ONGOING INVESTMENTS



By 2022 we are growing our facilities to a bigger plant.

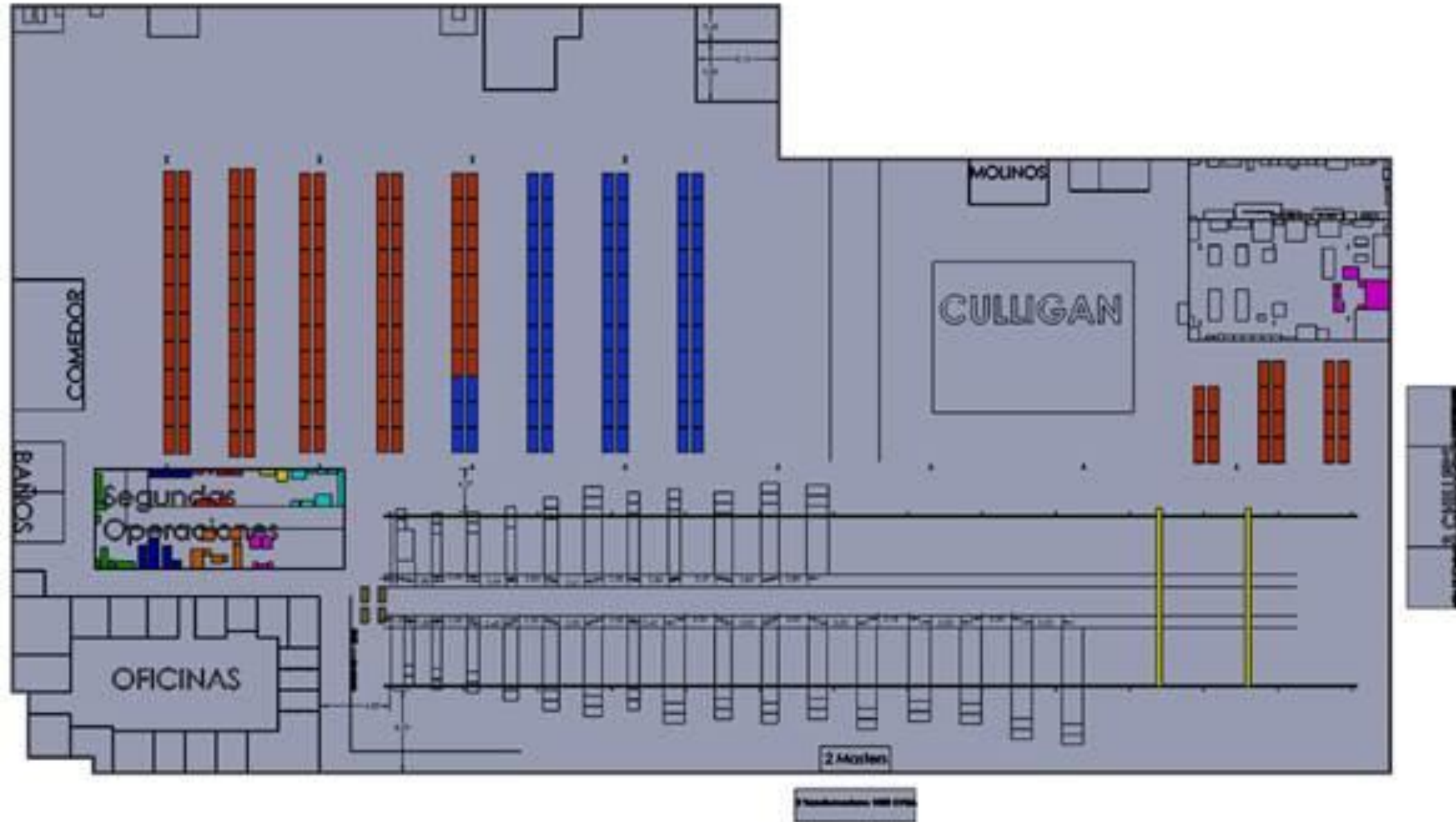
- 98,000 sq ft / 9,100 m²

Monterrey Facility



- All our machines have thermo regulators to control mold temperatures
- Most of the machines have robots installed to handle parts
- Dryers to control the humidity of the resins
- Hot Runners systems are placed to control injection temperatures. The sales date code can be placed on each individual part to help traceability

Monterrey Layout



US Facility Capability



Elk River, MN (Corporate)



- 60,000 square feet.
- 34 Injection Presses from 38 to 530 tons capacity
- Electric and hydraulic machines.
- Shot sizes of 1.5 oz.– 81 oz.
- 80 employees

Our Quality Control Laboratory has a CMM machine, in addition to a new OGP vision system. Together with our quality team, we develop our own accessories and programs to measure them in order to optimize the use of measuring equipment and a rapid response to production, saving time in the release and capture of data in IQMS



Certifications



AVIDIMS has been evaluated by **ABS Quality Evaluations, Inc.** And was confirmed in accordance with the requirements established by:

ISO 9001:2015

**INJECTION MANUFACTURING, ASSEMBLY AND FINISHING OF PLASTIC
PARTS FOR GENERAL INDUSTRY**

Certificate No. 53495

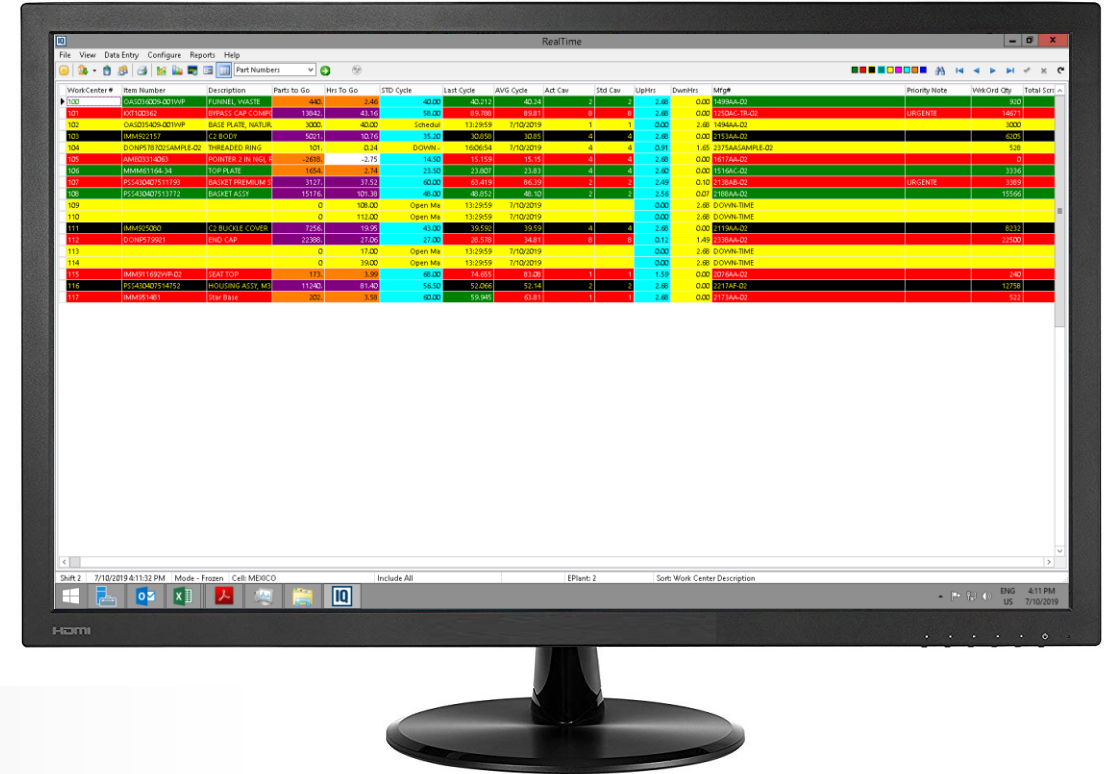


Software ERP



IQMS

Manufacturing ERP



- IQMS – Real-time process monitoring
- WIFI communication in the 2 installations
- Equipment efficiency reviews
- Kaizen monthly projects
- Documentation required by ISO centralized in IQMS



Tooling capability

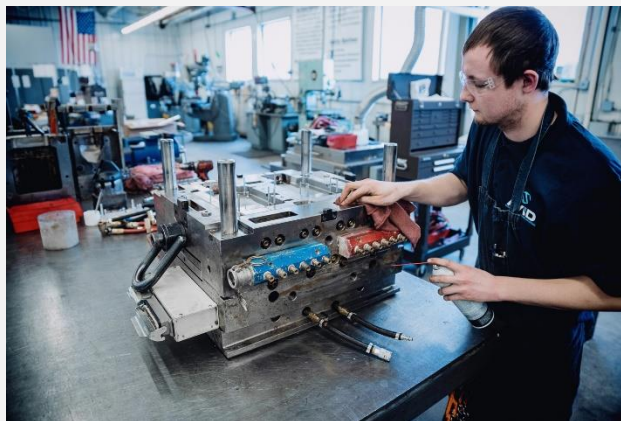


Internal mold construction

With the latest technologies in mold design and manufacturing. Capacities of up to 500 tons.

Complete solutions

From complex applications of multiple actions and multiple cavities, to simple insertions

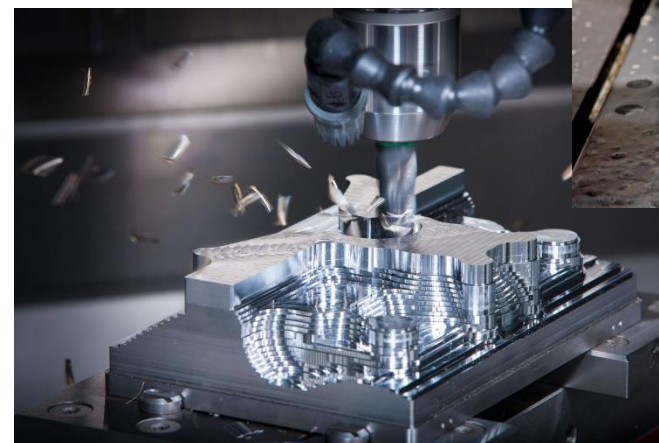


Elk River, MN

Working societies (Offshore)

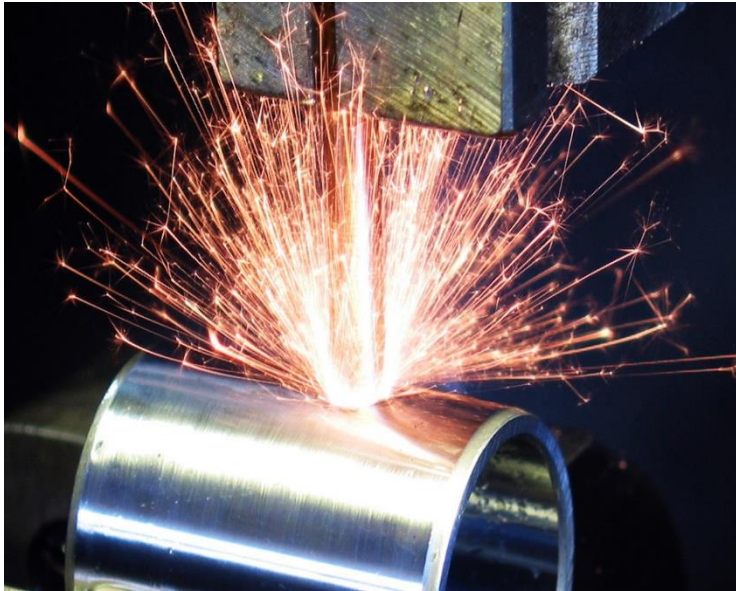
AVID has established two partners located in Asia to support project development.

Every tooling built outside the country has the backing of 100% of our Inner mold shop.





Machinery



Our tool shop is equipped with the necessary equipment to perform preventive, corrective maintenance and engineering changes in-house.

- EDM
- Welding
- CNC machine

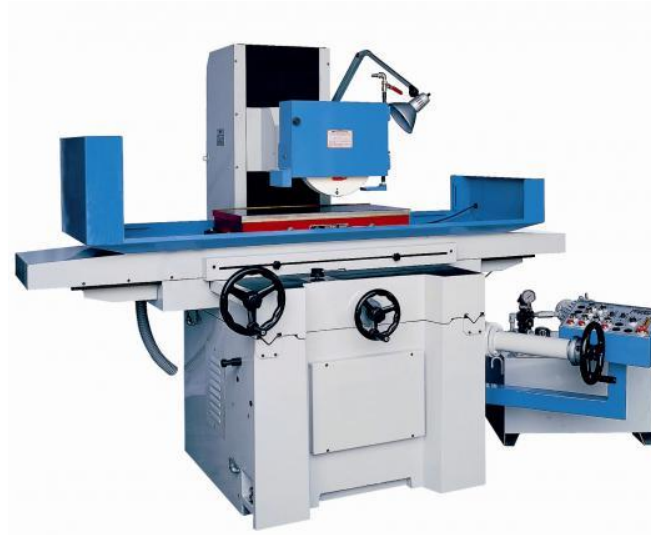
Tool Workshop Equipment



Elk River, MN



- Makino 16 estaciones CNC Maquina EDM.
- Kitamura 20K rpm Centro de mecanizado duro de alta velocidad.
- Sodick auto hilo EDM-EDM pequeño y robusto de hoyos.
- Maquina de electroerosión de 4 estaciones.
- Hardinge HLV-H Torno de precisión
- Okamoto y Mitsui rectificadoras de superficie de precisión.



Engineering services



- ✓ Design engineering (design of parts and tools).
- ✓ Mold Flow analysis.
- ✓ Fill / Warp / Sink / Water Lines.
- ✓ DFM (Manufacturability Design).
- ✓ Metal to plastic conversions.
- ✓ Integral management of projects.

Design Systems



Secondary operations



((•)) Ultrasonic welding

AVID has technology to perform ultrasonic digital welding for plastics on controlled room.



Leak Testing

Test equipment for assembly leaks on Manifolds, using high technology



Burst Tester

In order to ensure the quality of the assemblies and the durability of the Weld, the parts are tested for high pressure leak detection



Secondary operations

Stretching Test

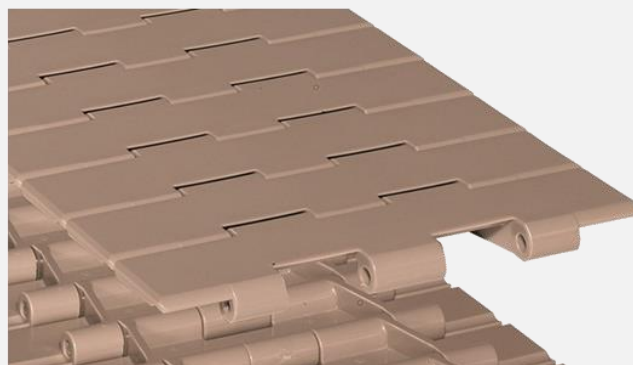


Electromechanical Material Test System

Stretch test tooling

MTS Criterion – Model 45

- Pull test for stretching link chain



Pad Printing



Stamping by
pad printing
process



Rotary Vertical machine



- 115 toneladas, Nissei
- Handle grip, precisión 2nd shot



Qualified Staff AVID Monterrey



Process Technicians
trained in Molding
Techniques



Quality inspectors
And Metrologists



Scheduling
and Customer
Service.



Logistics Experts, Imports
International exports and
business



Mold
Technicians



Project engineers for the
development of PPAP
and APQP



Maintenance
Technicians



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Thanks for your visit!