



**WALKING
SOLUTIONS**

**BUSINESS
PRESENTATION**




MISION

Continuously improve our products and services to help our customers to meet the product specifications through high quality operation, development of innovative ideas and flexible processes that guarantee the quality of our services, as well as helping our clients to save costs of rework and recurrences of them

VISION

Walking Solutions will be the best sorting service, rework, molding, assembly and sub-assembly company, having an excellent work environment, where teamwork is the basis to provide quality services to all our customers

Several white diagonal lines of varying lengths and thicknesses are positioned in the bottom right corner of the slide, creating a modern, dynamic graphic element.

COMPANY OVERVIEW

Beginning operations in 1991

WALKING SOLUTIONS is a service company focus on provide support to the maquiladora industry, with more than 27 years of experience we are committed to provide a highly competitive service with qualified man power offering low costs in all our operations.

We are located in Chihuahua, Chih, México.

Av. De Los Berrendos #19902

Col. Campestre Las Carolinas de Chihuahua CP. 31137

Phone (52) 614-154-05-80

www.walkingsolutions.com.mx

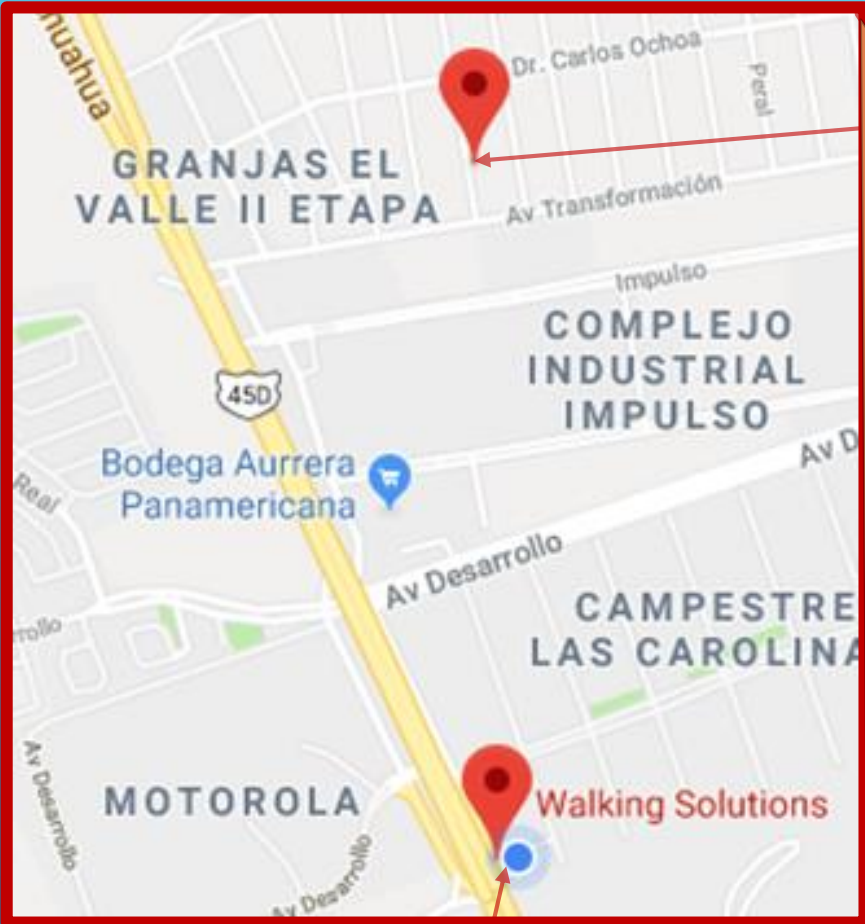
Diversity of Industries / Markets Served:

- **Automotive Industry**
- **Aerospace Industry**
- **Electronic Industry**

WALKING SOLUTION FOOTPRINT



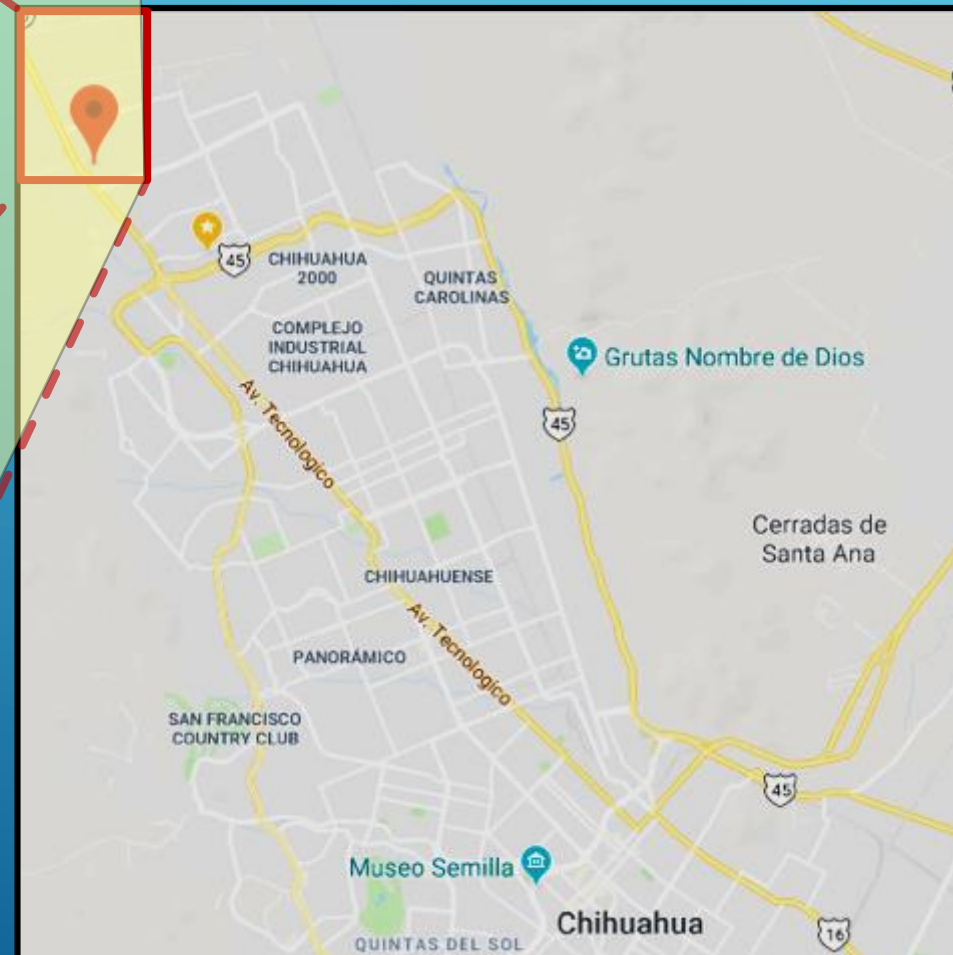
WALKING SOLUTION CHIHUAHUA LOCATION



New Facility

Calle Roble, Granjas El Valle II Etapa,
Chihuahua, Chih.

Av. De Los Berrendos #19902
Col. Campestre Las Carolinas de Chihuahua CP. 31137



COMPANY OVERVIEW

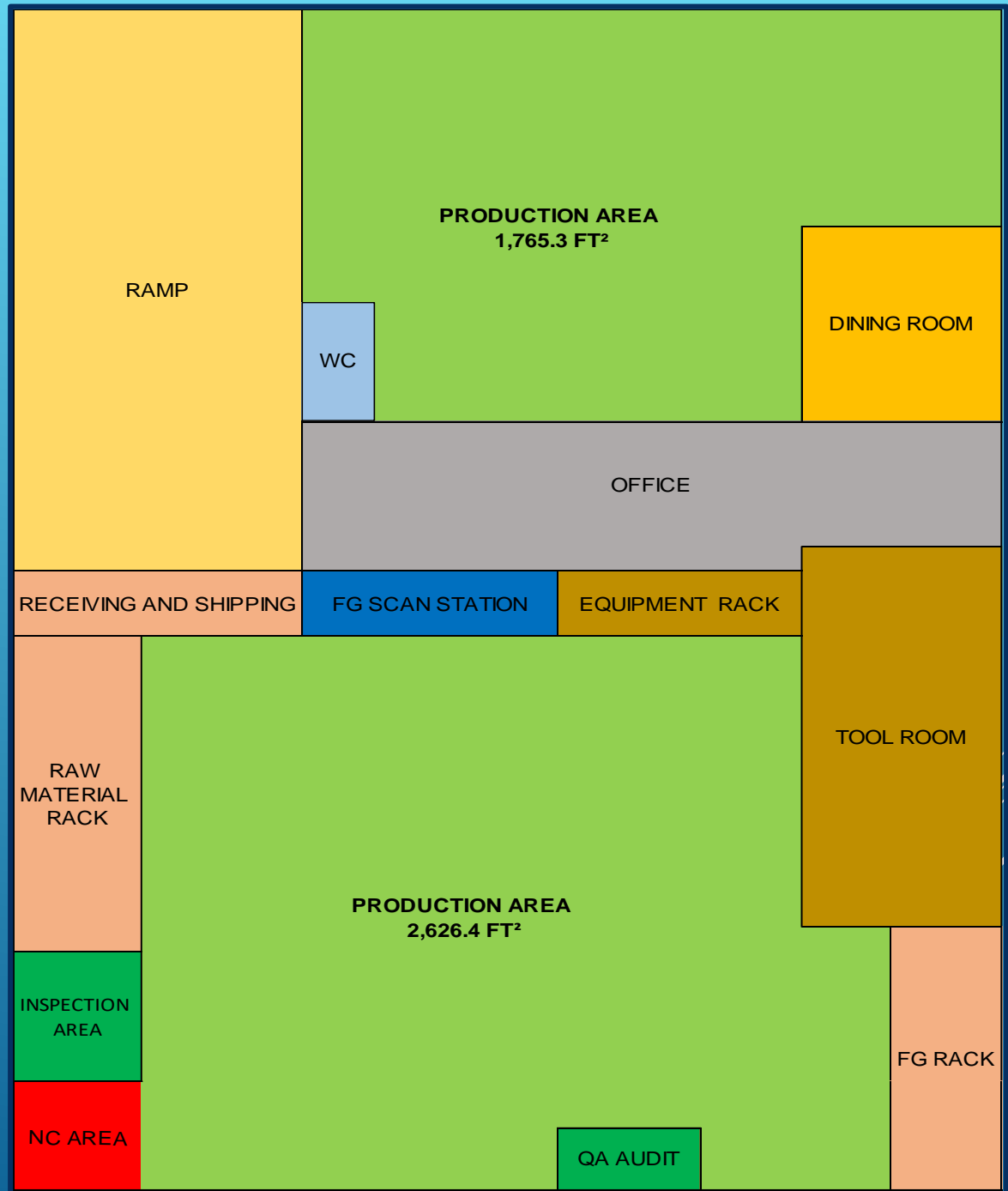
Total Employees: 70

Website: www.walkingsolutions.com.mx



PLANT LAY OUT

- Production area
4391.7 ft²
- Tool room area
473.6 ft²
- Total Plant
Area 8,826 ft²



CERTIFICATION ISO 9001- 2015



COMPANY MAIN PROCESSES

- Injection molding
- Injection Molding Tool Design and Manufacture
- Die Cutting Design, Manufacture and Production
- Assembly and sub - assemblies of components.
- Injection Blowing
- Sorting and Rework Process.



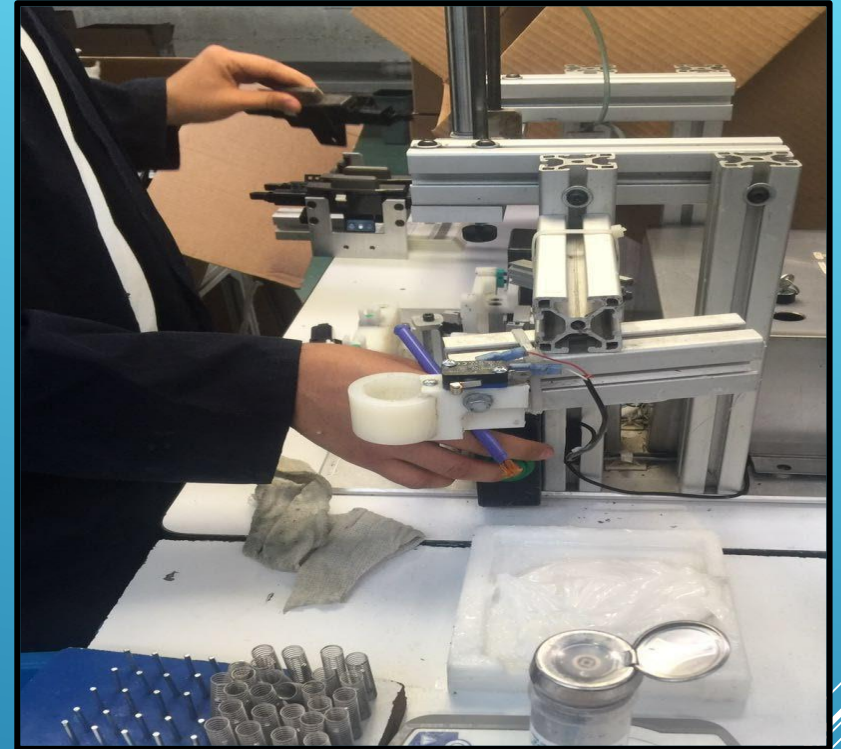
SORTING & REWORKS



Inspection and selection of defective parts, Re-work of components.

- Control shipping I (GP12)
- Control Shipping II
- Containments (3rd party)
- Resident Engineer (Tijuana, Querétaro)
- Quality technicians
- Quality Inspectors

ASSEMBLY & SUB-ASSEMBLY



Our company has the experience and ability to brake down complex process to a flexible process in order increase the output maintaining low operation cost, assuring 100% quality on the products. (All kaizen information is confidential with our customers)

Our quality standards and flexible process assures that our low cost operation meets all the specifications from customers.

INJECTION MOLDING

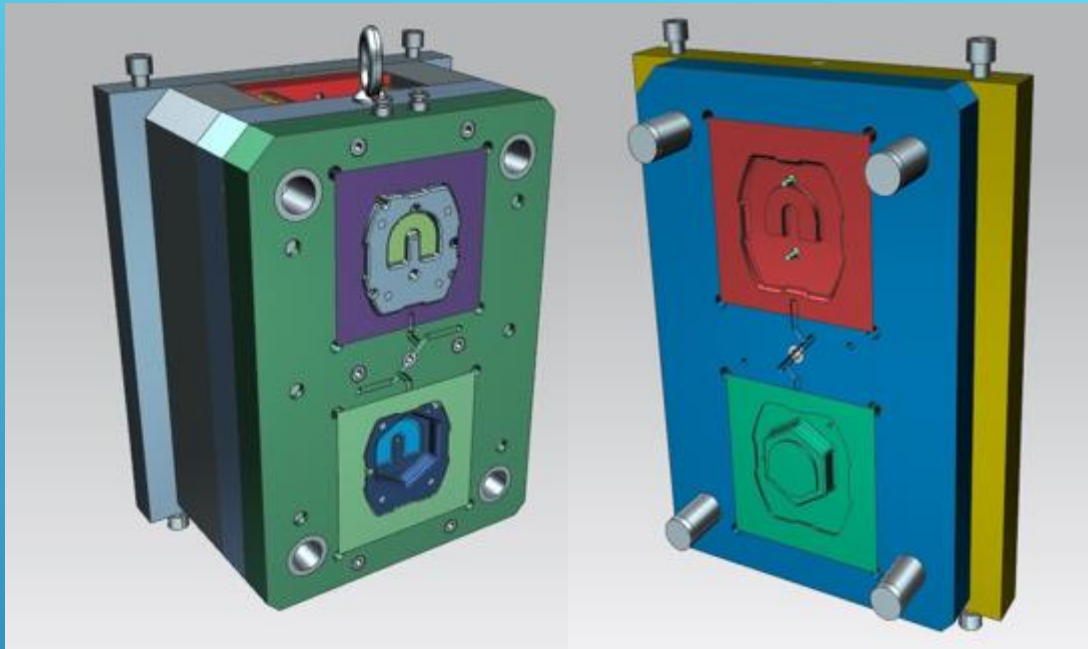


- Brand new Injection molding machines from 85 ton to 500 tons.

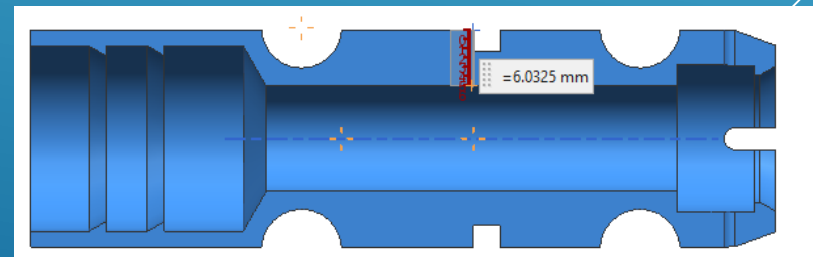
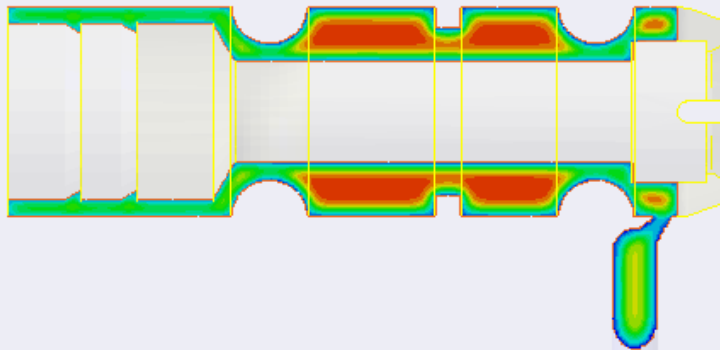
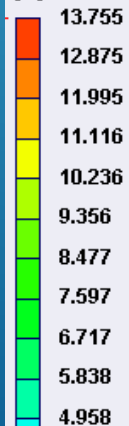
- **Scientific Method** is used to develop new processes
- Peripheral equipment needed for molding process



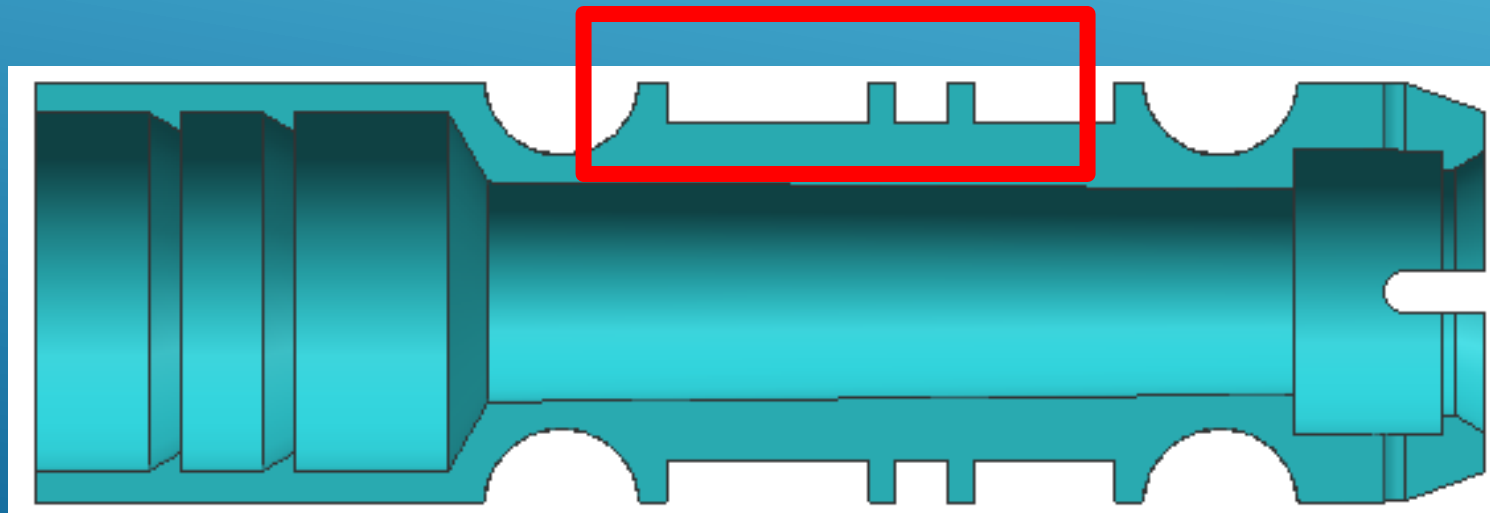
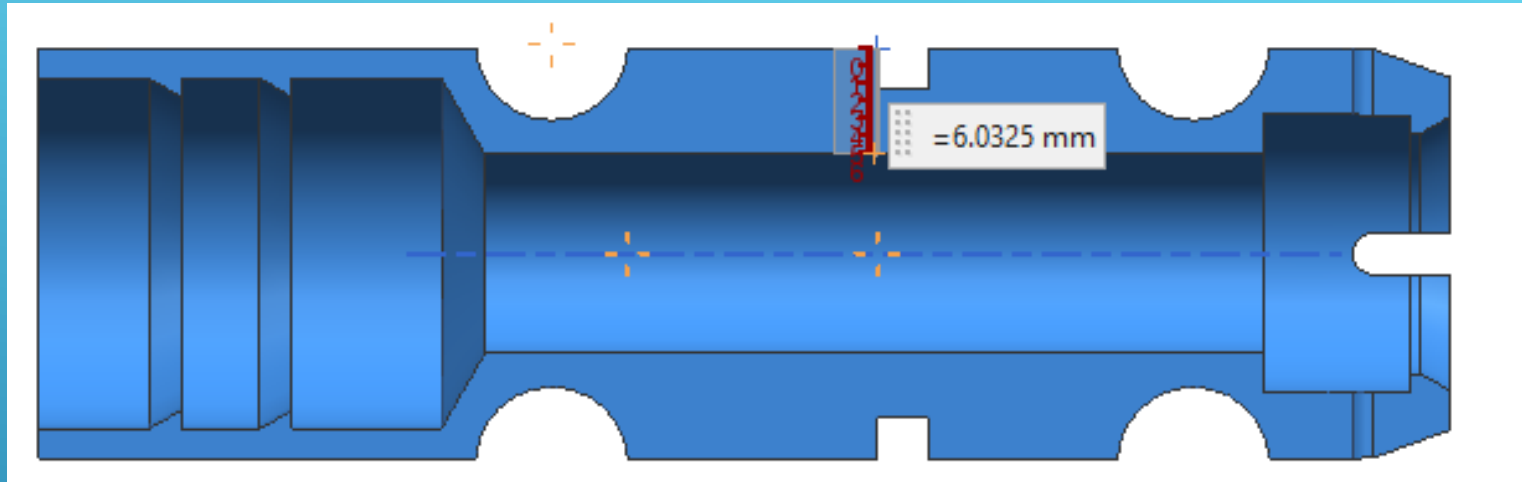
Scientific Tool Design for Injection Molding (DFM)



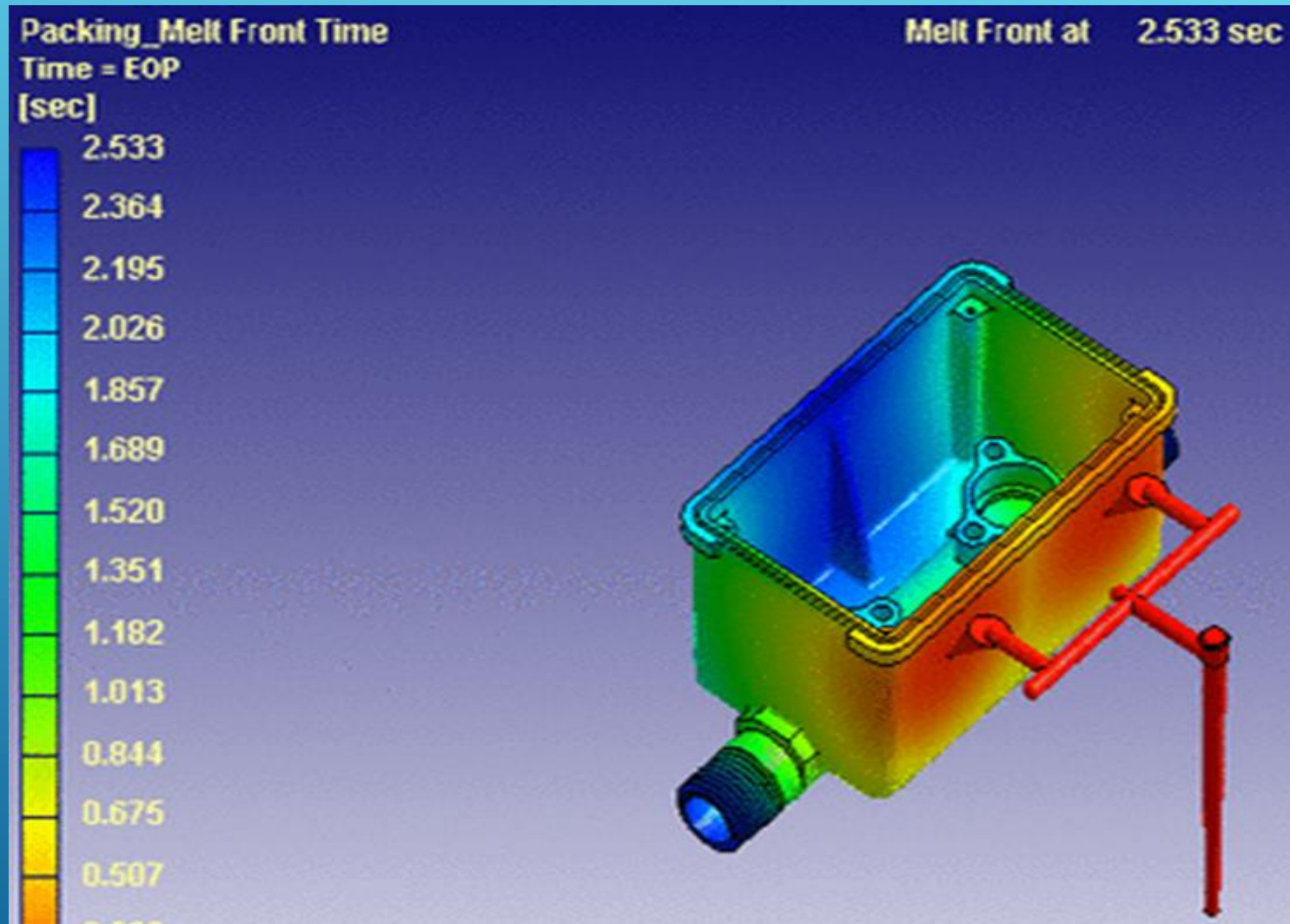
Packing_Volumetric Shrinkage
Time = EOP
[%]



ANALYSIS AND DESIGN ADJUSTMENT

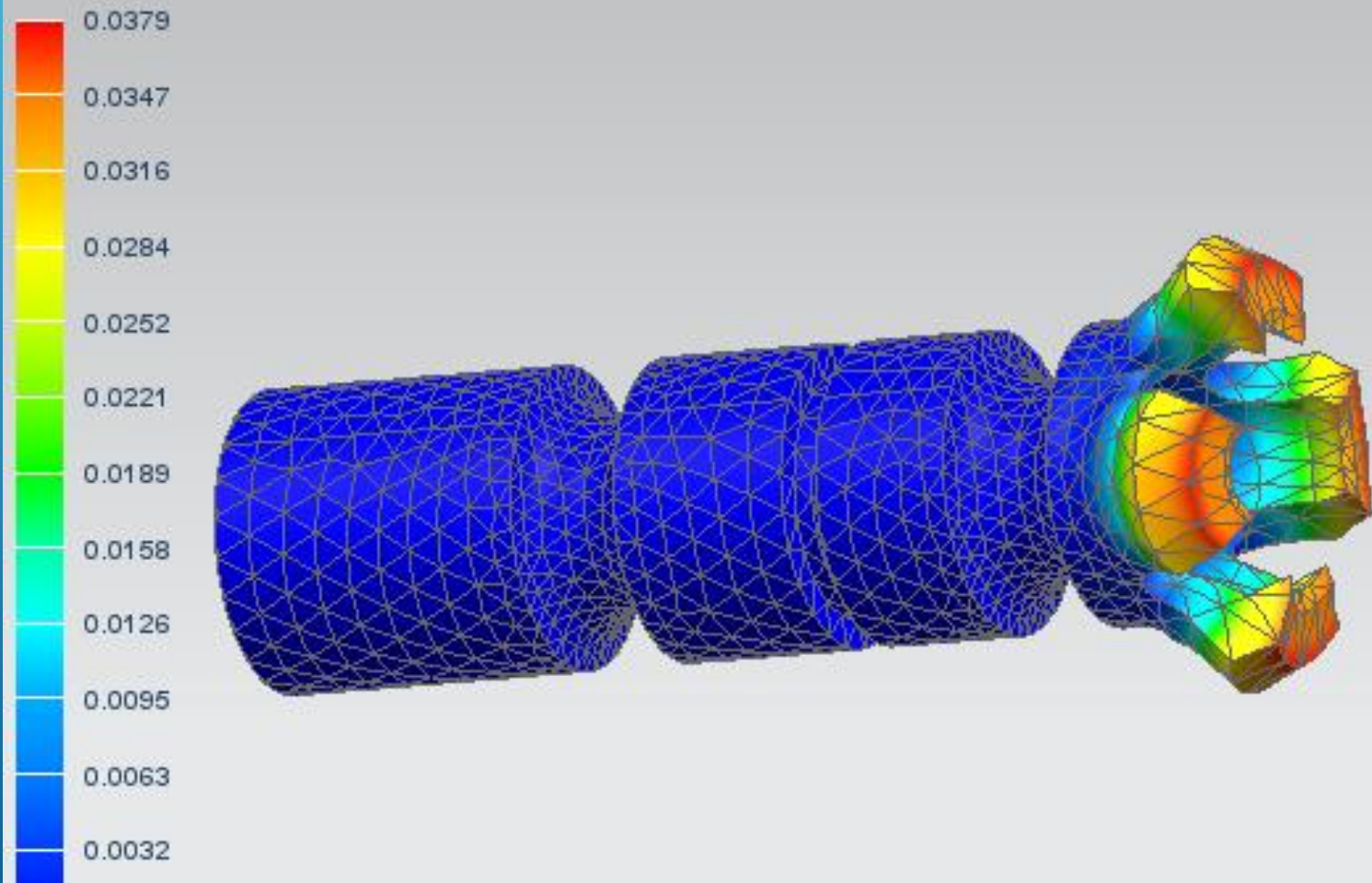


PROCESS SIMULATION

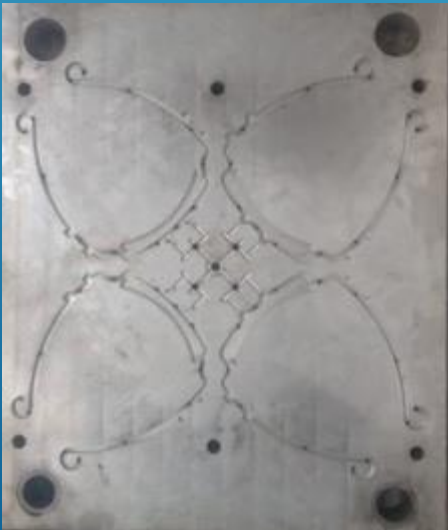


DEFORMATION DISPLACEMENT ANALYSIS

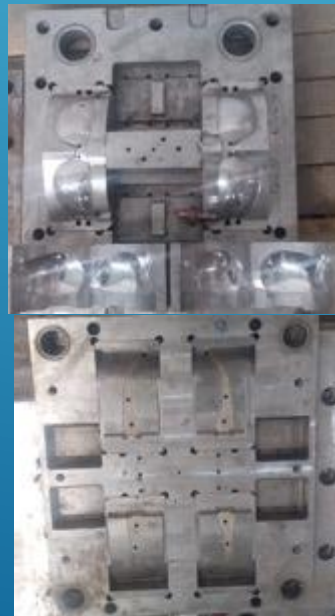
sim2 : Stress Solution Result
Subcase - Static Loads, Static Step 1
Displacement - Nodal, Magnitude
Min : 0.0000, Max : 0.0379, Units = mm
Deformation : Displacement - Nodal Magnitude



Injection Molding Tool Manufacture



Security mask



Security glasses



Fork and Spoon



Vendor machine modem
Tool + Injection + assembly



Flow meter
Tool + Injection + assembly



Shock detector
Tool + Injection + Cut die + stamping



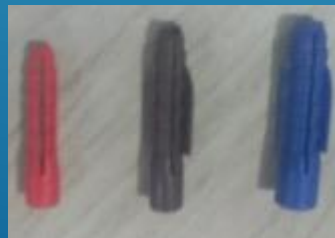
Water filter
Tool + Injection + fabric lasser cut



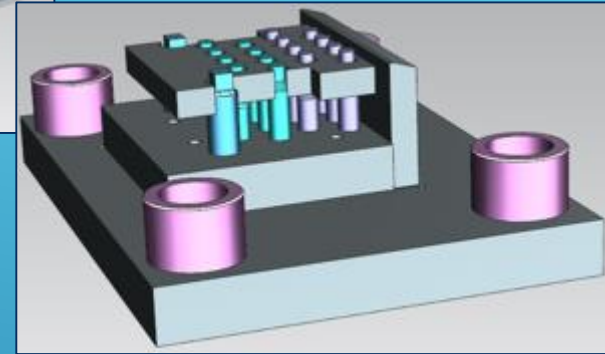
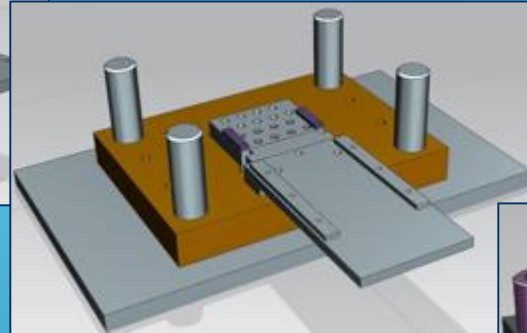
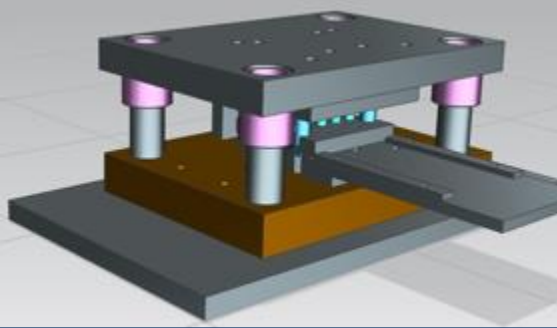
Household & disposables
Tool + Injection + direct sales



Anti covid security mask
Tool + Injection + direct sales



Rawl plug
Tool + Injection + direct sales

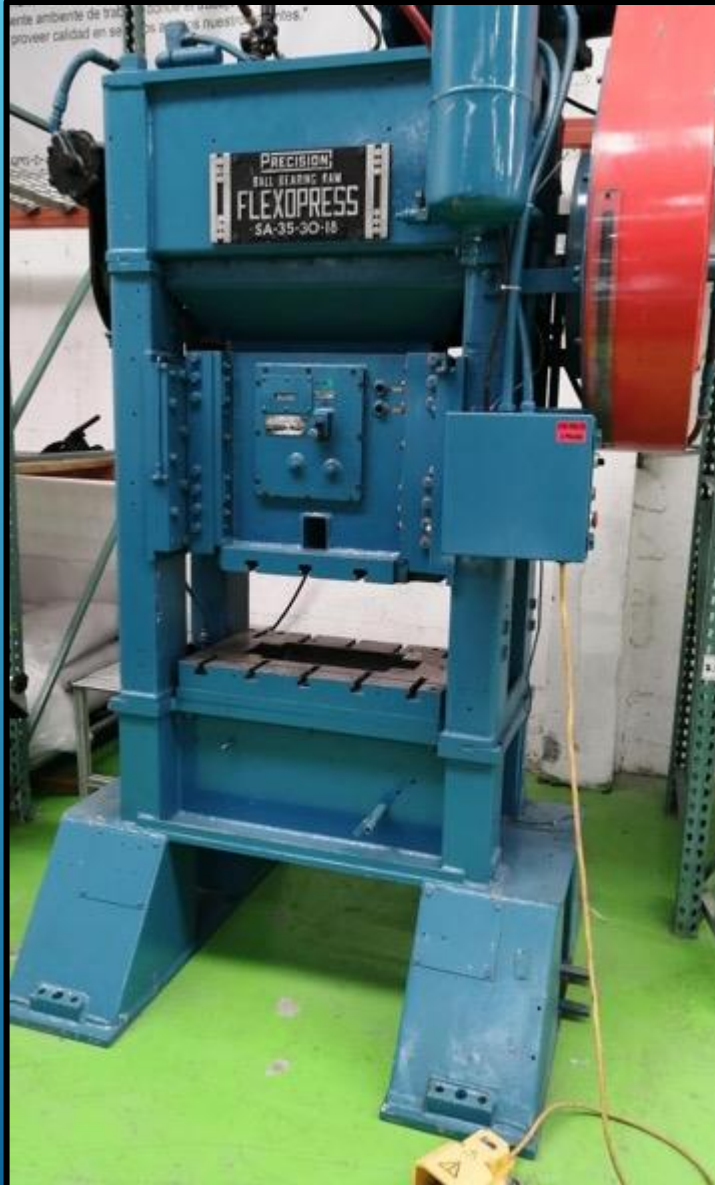


Die Cutting Design



Die Cutting Manufacture and Production

DIE CUTTING MACHINE



FLEXOPRESS
SA35 30 X 18

35 TONS
STROKE 2.5

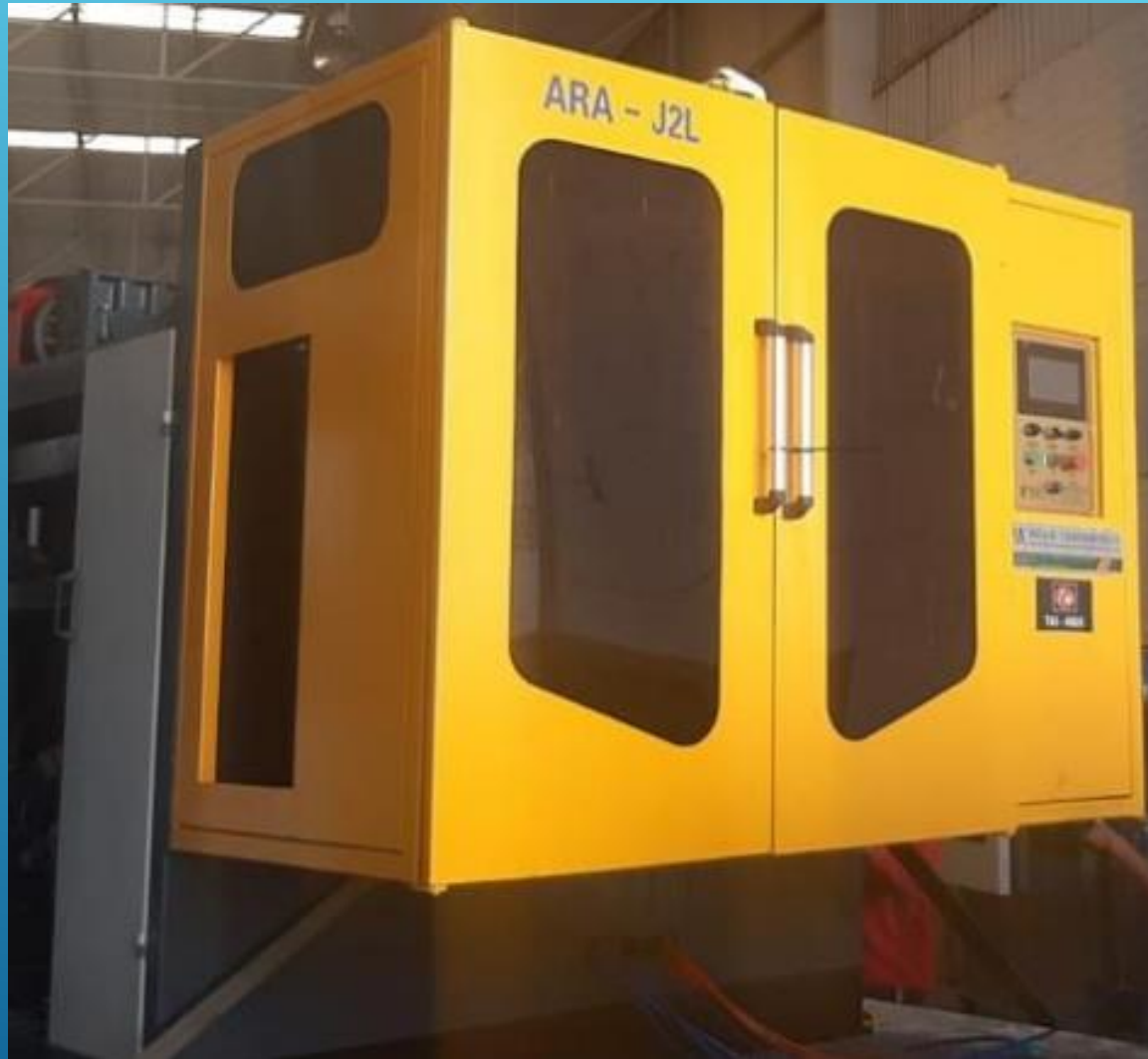
DESIGN SPEED 100
TO 300 SPM

INJECTION BLOWING



INJECTION BLOWING
CAPACITY UP TO 5 LTS

EXTRUSION SOPLO



TOOL SHOP

We have over 20 years of experience combined in:

- Tooling preventive maintenance
- Tooling corrective maintenance
- Failure analysis, corrections & improvements
- Hot runners systems repairs
- Design tool makers
- Engineering changes
- Manufacturing fixture & gauges

Solid Works and AutoCAD used to design new molds, to repair or improve the molds



TOOL SHOP CAPACITIES



EDM



Lathe Machine



Milling Machine



Grinding Machines



Welding Equipment

TOOL SHOP CAPACITIES



Sandblast



Tempering Furnace

TOOL SHOP CAPACITIES



Travel limits
X 40.0 in/1016 mm
Y 26.0 in/660 mm
Z 25.0 in/635 mm

Work table
Length:
54.0 in/1372 mm
Width:
24.0 in/ 610 mm

TOOL SHOP CAPACITIES



Travel limits
X 42.5 in/1080 mm
Y 19.88 in/505 mm
Z 20.07 in/510 mm

Work table
Length:
41.3 in/1050 mm
Width:
19.7 in/ 500 mm

Machining mass production



Oversize Aerospace parts

MEASUREMENT CAPACITIES

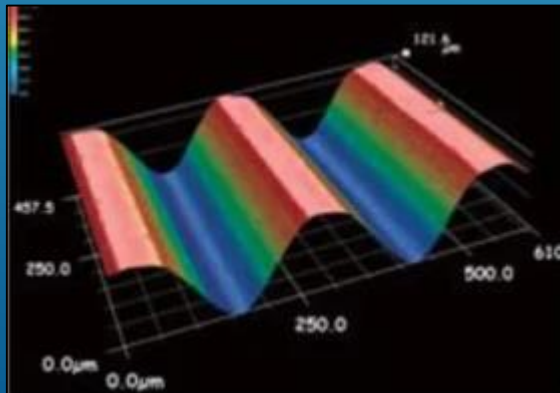


Digital
Optical
Comparator

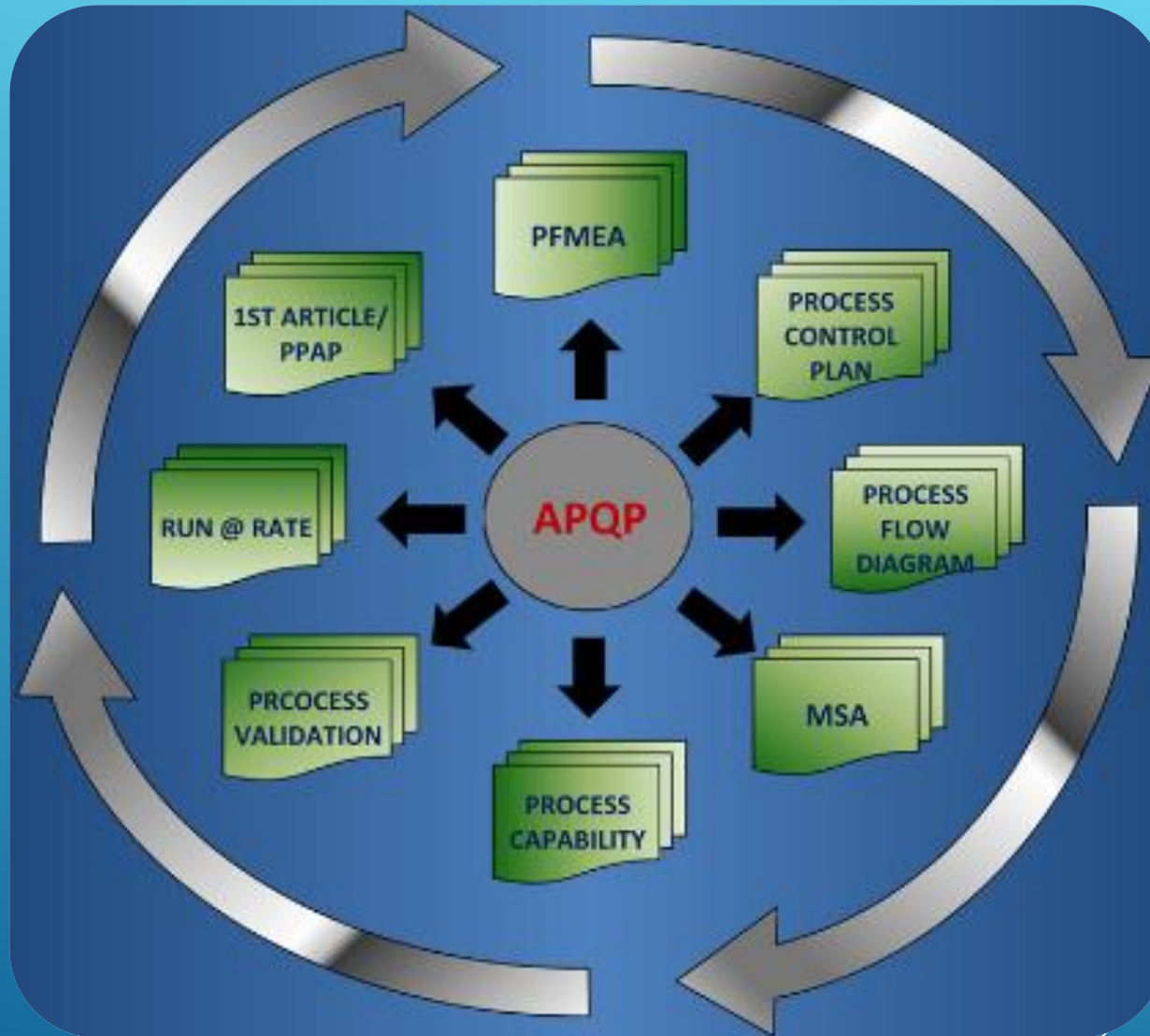
MEASUREMENT CAPACITIES



**4K Digital
Microscope**



NEW PROJECTS LAUNCH PROCESS



MAIN CUSTOMERS



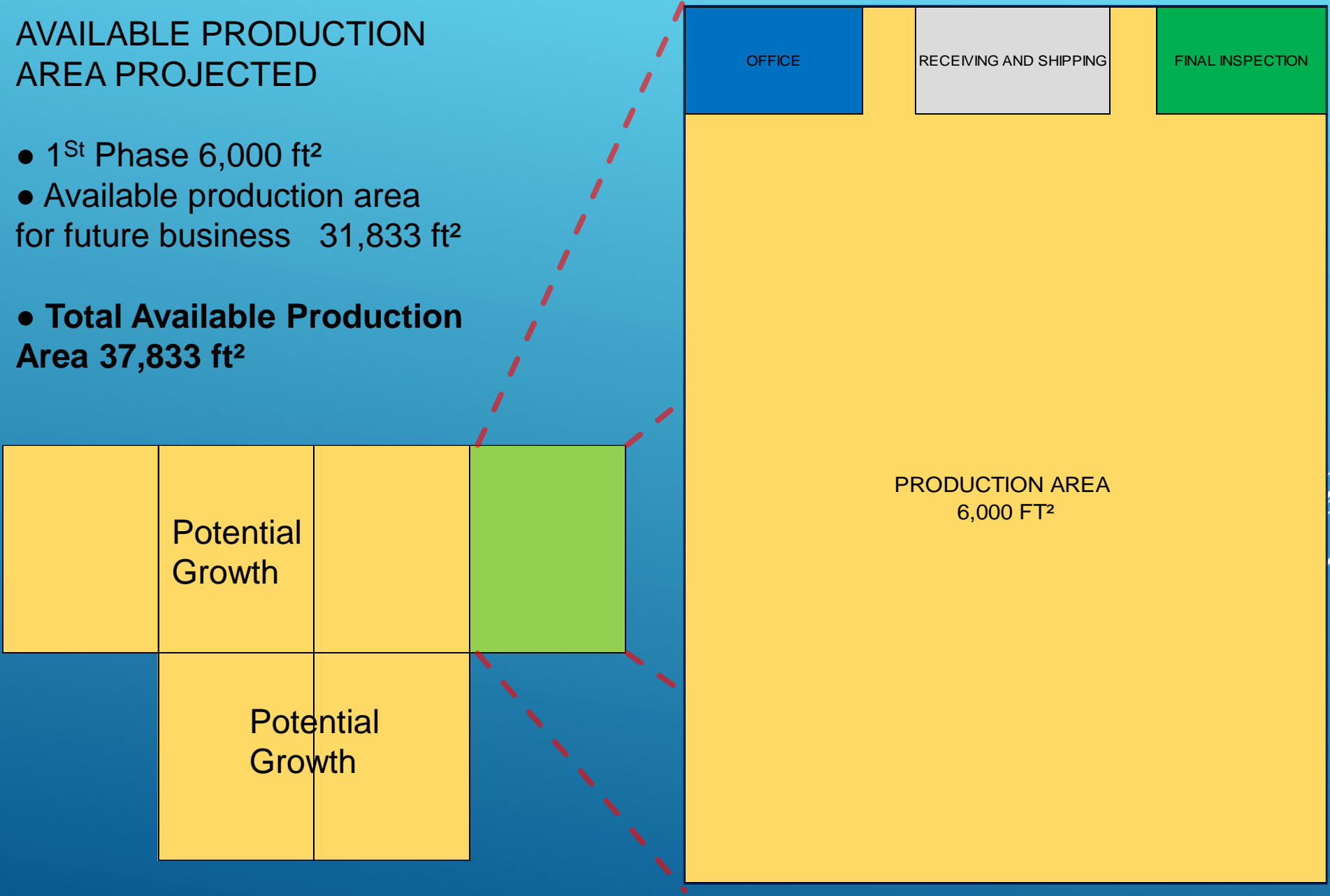
NEW BUILDING STATUS



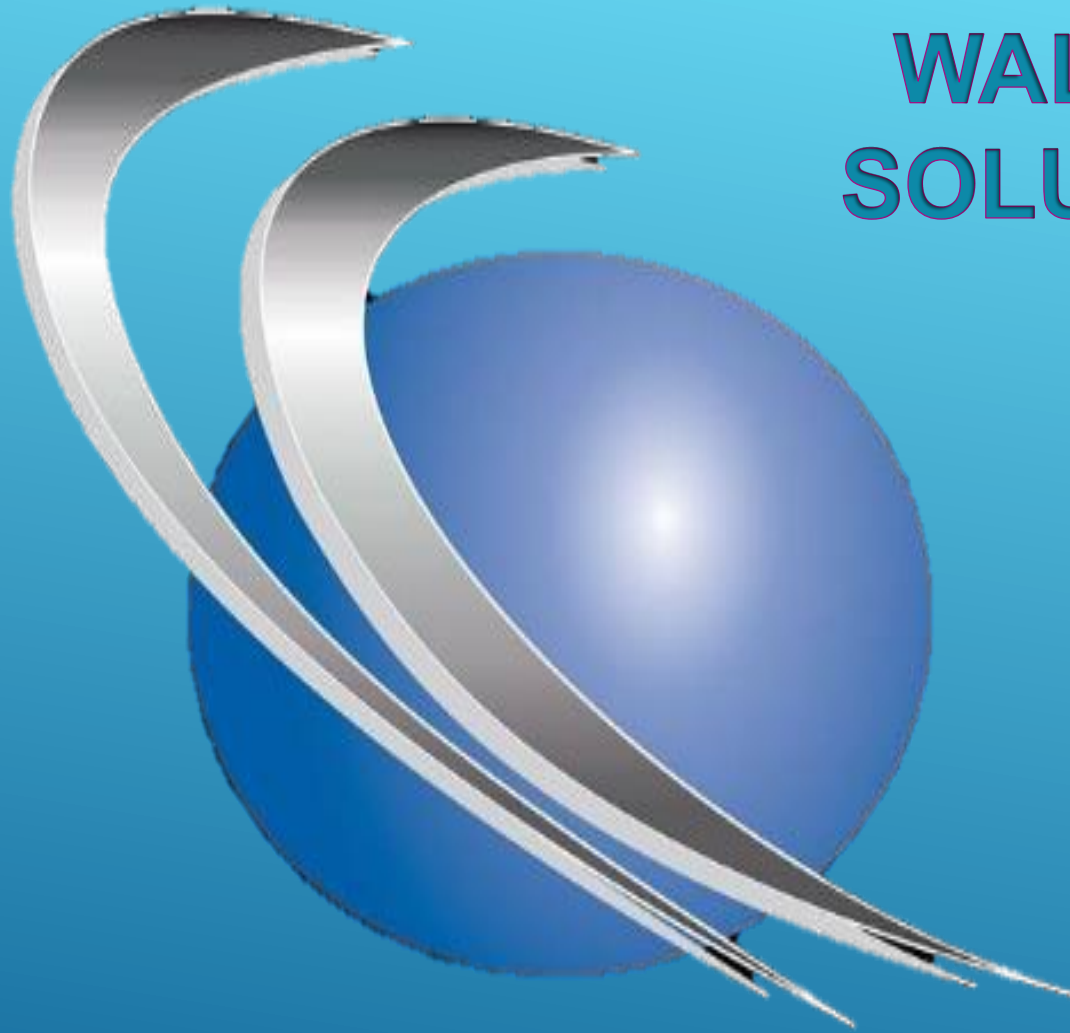
WALKING SOLUTIONS NEW FACILITY

AVAILABLE PRODUCTION AREA PROJECTED

- 1st Phase 6,000 ft²
- Available production area
for future business 31,833 ft²
- **Total Available Production
Area 37,833 ft²**



**WALKING
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THANKS...