

AHS



WORKHOLDING



BRASMEX
EQUIPOS INDUSTRIALES

Who we are

AHS Workholding/Brasmex started operations on 2001, offering great expertise in the fabrication of hydraulic fixtures & automation for machining, with branches in the USA, Brazil and Mexico.

We have acquired over 23 years of work holding and automation know-how, serving the automotive, aerospace, agriculture, mining, oil and gas industries.

We rely on advanced manufacturing technology and a group of experienced professionals, that will guide your project all the way from the initial concept to your successful acceptance.

All of this with the means of fulfilling our goal of “Total satisfaction of our customers”

Global footprint

AHS Workholding
801 E Fern Ave STE 125, McAllen, TX, USA, 78501

Brasmex Equipos Industriales
Avenida Primera #181 Col Los Cerritos
Saltillo, Coahuila, Mexico, CP 25010

Brasfer
Rua Presidente Prudente de Moraes, 1299
Joinville, SC Brasil, CP 89218001



Production facilities for Brazil

Rua Raymundo Welter 122
Distrito Industrial
Joinville SC
89219-780



Office in the US, sales and
service

801 E Fern Ave STE 125
McAllen, TX, 78501



Production facilities for Mexico and the USA

Avenida Primera 181
Colonia Los Cerritos
Saltillo Coahuila
25294



Automation assembly facilities for Mexico and the USA

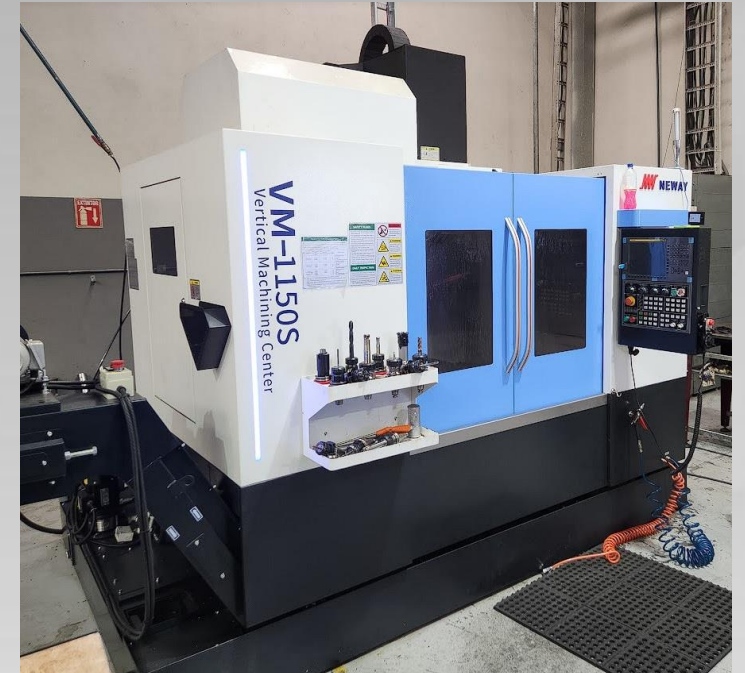
Valle de las Flores 1200
Parque Industrial Valle de los Pinos
Ramos Arizpe Coahuila. C.P. 25900



Saltillo & Ramos

Our installations in Mexico are prepared with:

- 9 CNC milling machines 40" x 20'
- 3 CNC bridge type mills 3 m x 2 m
- 1 CNC lathe 10" chuck size x 20" long
- 5 welding machines mig & tig
- 1 welding robot cell
- 1 plasma cutting machine
- 1 heat treating oven
- 1 bridge crane 15 ton
- 1 bridge crane 20 ton
- 2 fork lift 1.5 ton
- 1 faro arm
- 5 assembly workbenches
- Total headcount 55. Key staff:
 - 2 Project managers
 - 4 Design engineers with Solidworks license
 - 2 Production engineers
 - 1 Quality engineer
 - 2 Purchasing specialists
 - 2 Accounting specialists
 - 3 CNC programmers with Powermill license
 - 1 PLC & Robot Programmer with Simatic license
 - 3 Welding technicians
 - 14 CNC technicians
 - 10 mechanical assembly technicians
 - 2 electrical assembly technicians



Double column machining centers



Historical facts since 2001 (Mexico and the USA since 2017)



Fixtures delivered



Custom equipment delivered:

- Leak testing
- Laser marking
- Inspection
- Assembly lines



Automation cells delivered:

- Tending
- Washing
- Sand blasting
- Assembly



Employees:

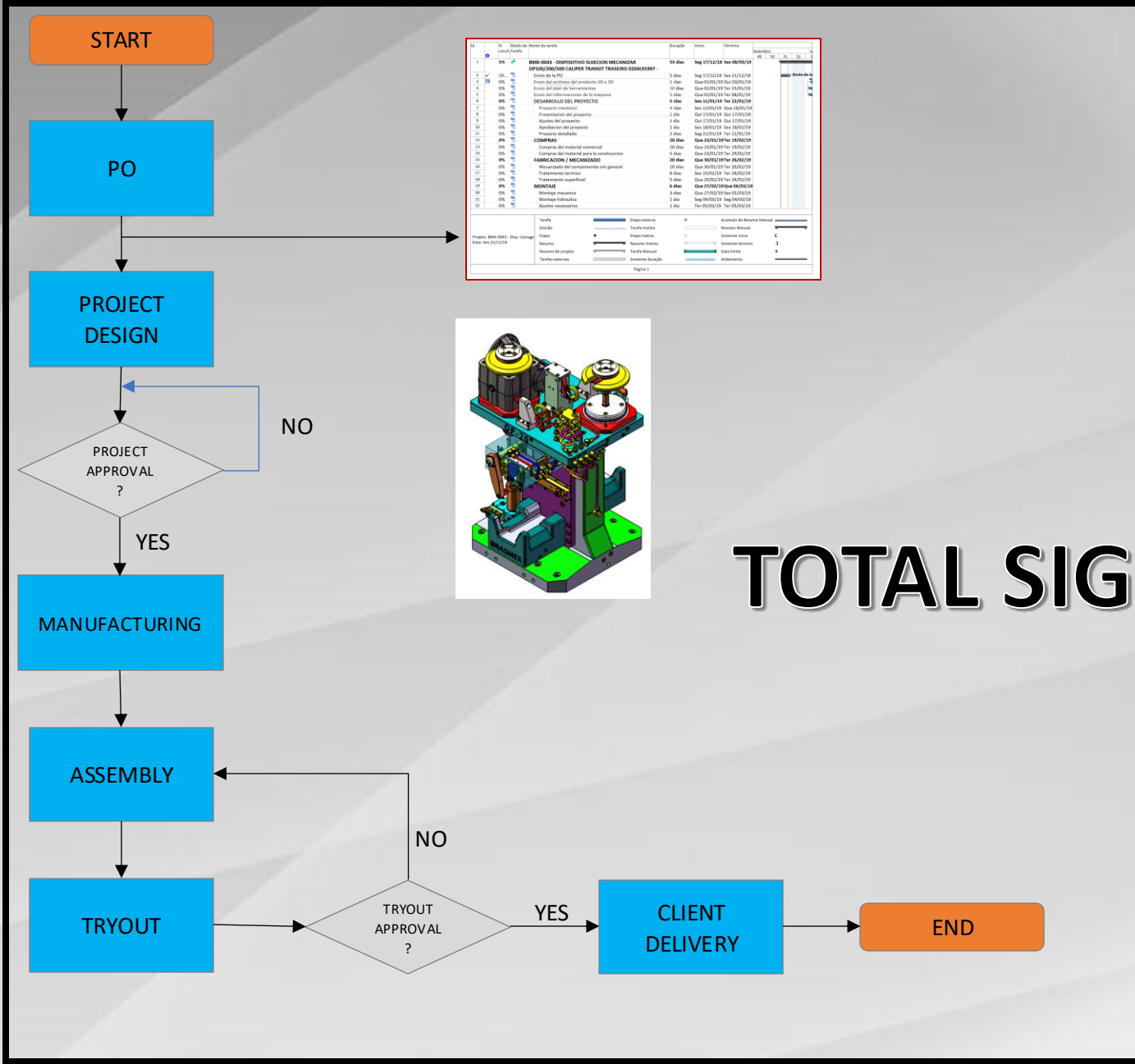
- 35 in Saltillo
- 16 in Ramos Arizpe
- 4 in McAllen



CNC Machine Tools:

- 10 40x20 VMC
- 3 Double Column
- 1 Turning Center
- 10" chuck

ERP Software



TOTAL SIG

Solutions

Workholding:

- Hydraulic fixtures
- Pneumatic fixtures
- Manual fixtures
- Special chucks
- Custom chuck jaws
- Quick change systems
- Gauges

Custom machines:

- Inspection
- Leak testing
- Assembly
- Laser marking
- Conveyors
- Custom machining

Automation Cells:

- Assembly
- Washing
- Machine tending
- Deburring
- Inspection
- Laser marking

WORKHOLDING EXAMPLES

The background of the image is a blurred industrial setting, likely a factory or laboratory, with various mechanical parts and structures. A prominent blue digital overlay is present, consisting of a network of thin lines and dots that create a sense of connectivity and technology. The text is centered over this background.

**DISPOSITIVO DE FIXAÇÃO HIDRÁULICO
TBI**

AUTOMATION EXAMPLES: LEAK TESTING EQUIPMENT



**MÁQUINA DE ESTANQUEIDADE
EM LINHA PARA BLOCO V8**

AUTOMATION EXAMPLES: INSPECTION EQUIPMENT

VERIFICACIÓN DE BARRENOS



BRASMEX



AUTOMATION EXAMPLES: ASSEMBLY CONVEYOR



AUTOMATION EXAMPLES: WASHING CELL

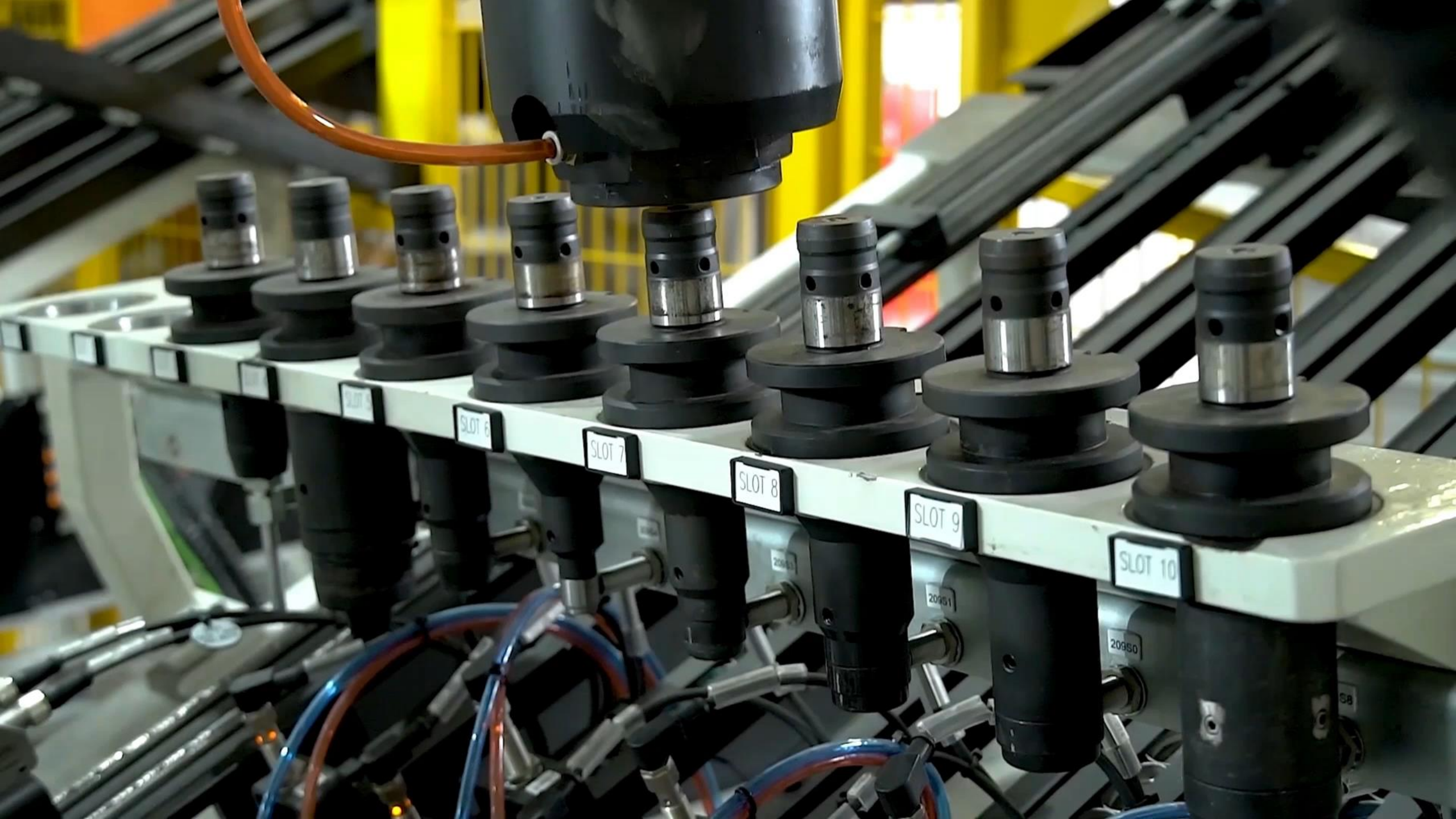
A yellow industrial robot arm is positioned in the center of the frame, surrounded by various mechanical components and pipes. The scene is overlaid with a blue digital network graphic consisting of interconnected nodes and lines, suggesting a smart or automated manufacturing environment. The text 'CÉLULA DE LAVAÇÃO' is centered over the robot arm.

CÉLULA DE LAVAÇÃO

AUTOMATION EXAMPLES: DEBURRING CELL

CÉLULA DE REBARBAÇÃO

AUTOMATION EXAMPLES: ASSEMBLY CELL



Some of our customers



End

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