



BULGARIA | CHINA | INDIA | MEXICO | THAILAND

A woman in a blue uniform is working on a mold. A yellow diagonal overlay covers the right side of the image.

MOLD SOLUTIONS

**All in one:
We provide the full spectrum.**



- 1. YOUR BENEFITS**
- 2. FACTS ABOUT VEM**
- 3. VEM LOCATIONS**
- 4. CONTACT**
- 5. MACHINE LIST**

The background of the slide features a photograph of three individuals in a professional setting. On the left, a woman with dark hair is partially visible. In the center, a woman with brown hair is wearing a dark blue polo shirt with the 'VEM' logo on the sleeve. On the right, a man with glasses is looking down. A large, bright yellow diagonal graphic element covers the right side of the image, serving as a backdrop for the title text.

BENEFITS OF WORKING WITH VEM



YOUR BENEFITS

HIGH TECH TOOL SHOP

German owned with western management on site

TECHNICAL SUPPORT IN NORTH AMERICA AND EUROPE

for mold design in special projects

COMPLETE PROJECT MANAGEMENT

with English speaking engineers and management

USMCA & EUROPE BASE

contract tool-shops for warranty and modifications



FACTS ABOUT VEM

Certificates

China: **ISO 9001**

Thailand: **ISO 13485, ISO 9001
& IATF 16949**

India: **ISO 9001**

Mexico: **ISO 9001**

Tool Capacity

30 T to 350 T in China

0,5 T to 550 T in Thailand

50 T to 600 T in India

20 T to 500 T in Bulgaria

Total Capacity

600 molds per year



HISTORY

- 1998** Company registered in Hong-Kong as VEM – Virtual Electronics Manufacturing Ltd
- 2000** Start to outsource plastic injection molds in Shenzhen
- 2001** Set up sales office in US
- 2003** Set up 100% owned factory in Shenzhen, China, for plastic injection molds with 1.000 m² factory size
- 2005** Moved the factory to a much larger and more advanced factory with 5.000 m²
- 2007** Set up sales office in Thailand
- 2008** Set up 2nd factory in Thailand with 3.000 m²
- 2010** Thailand got TS 16949 for parts production
- 2011** Set up sales office in Mexico
- 2016** Set up 3rd factory in India with 1.500 m²
- 2017** India got ISO 9001:2015
- 2018** Set up VEM's own factory in Thailand: 3.400 m² factory floor and 900 m² office
- 2019** Open VEM Mexico and VEM Europe



STAFF NUMBER DETAIL

CHINA

Total staff

160

Project Managers

9

Designers

12

THAILAND

Total staff

70

Project Managers

3

Designer

1

INDIA

Total staff

85

Project Managers

4

Designers

12

Mold Flow Center

2

MEXICO

Total staff

12

Project Manager

1

EUROPE

Total staff

20

Project Manager

1

Designer

1



NORTH AMERICA: REFERENCE CUSTOMERS



SIEMENS



AUTOMOTIVE
MEDICAL
ELECTRONIC
CONSUMER
PACKAGING



EUROPE: REFERENCE CUSTOMERS



mecalitgroup



huonker

AUTOMOTIVE
MEDICAL
ELECTRONIC
CONSUMER
PACKAGING



ASIA: REFERENCE CUSTOMERS



AUTOMOTIVE
MEDICAL
ELECTRONIC
CONSUMER
PACKAGING



PARTS MADE BY VEM



2K Parts



**Insert
Parts**



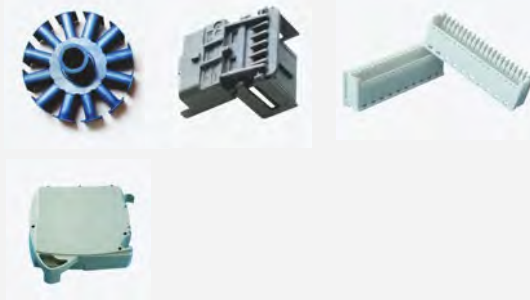
**Die
Casting**



**Automoti
ve**



Medical



Electronic



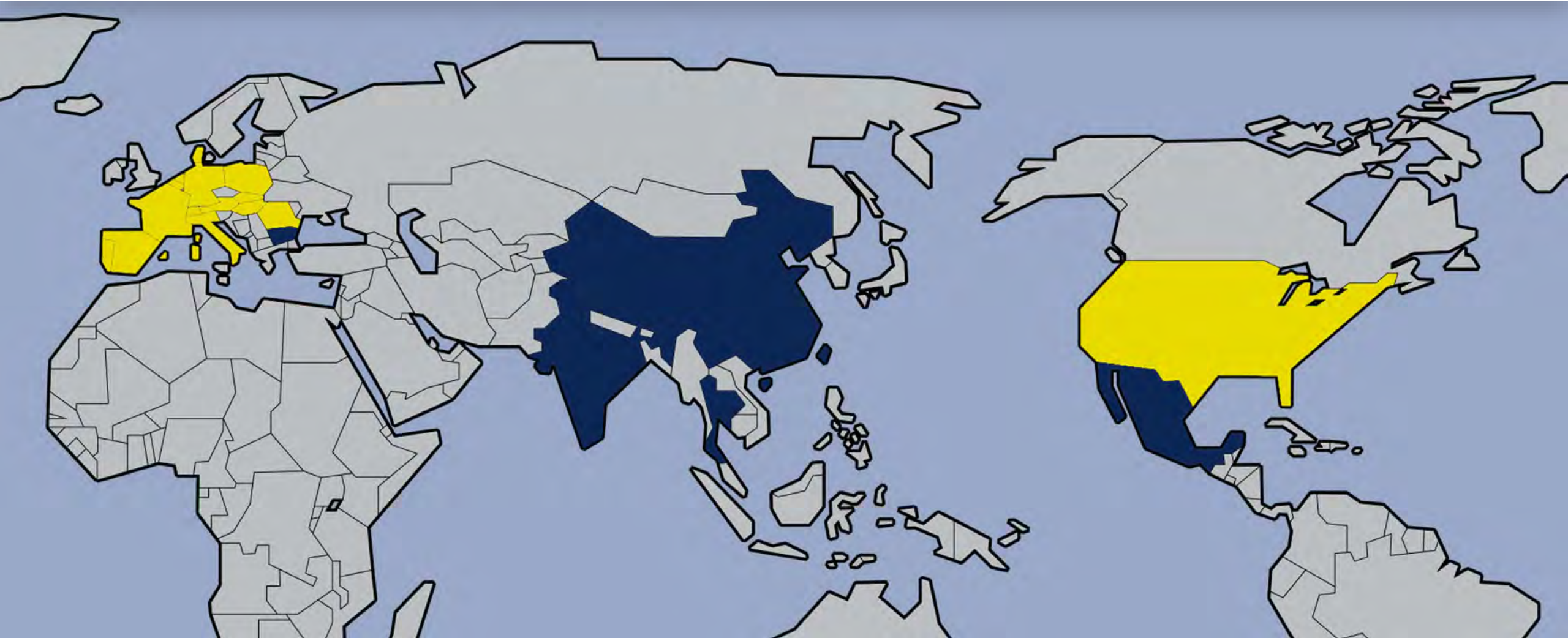
Caps



Consumer



GLOBAL COMPANY WITH A LOCAL FOOTPRINT





VEM EUROPE

A photograph of a modern industrial building with a red and grey facade. A large blue VEM logo is painted on the grey section. A large yellow diagonal graphic is overlaid on the right side of the image.

VEM EUROPE BULGARIA PLOVDIV

- **Injection Molds 50 - 550 T clamping force**
- **High Precision Molds**
- **Multiple Cavity Tools with hot-runners**
- **Insert Molds**
- **2K Molds**



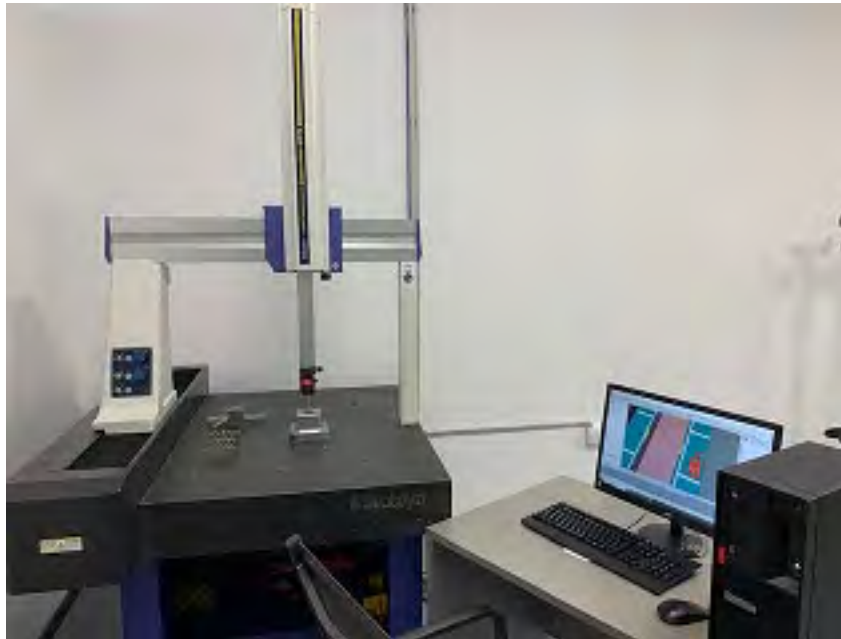
- **Injection Molds 50 - 550 T clamping force**
- **High Precision Molds**
- **Multiple Cavity Tools with hot-runners**
- **Insert Molds**
- **2K Molds**



- **5- axis CNC machine**



- **Measurement Equipments**





VEM EUROPE

- **Injection shop**





VEM CHINA

**VEM CHINA
SHENZHEN**

 **VEM Tooling(Shenzhen)Co.,Ltd.**
维克多精密工业(深圳)有限公司



- **Injection molds 50 to 350 T clamping force**
- **High Precision molds, multiple cavity tools with hot-runners, insert molds, 2K Molds, metal stamping molds**
- **Die casting molds with aluminum, zinc and magnesium**



VEM CHINA

■ Tooling Shop



▪ Moldbases



■ Measuring Equipment



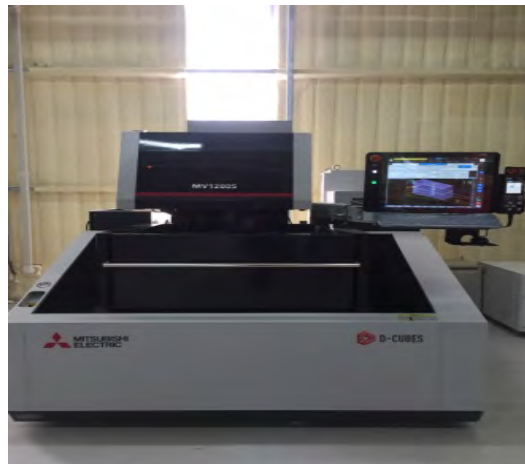
▪ Injection Shop



An aerial photograph of a large industrial facility, the VEM Thailand Rayong factory. The building is a long, white, single-story structure with a blue roof. The word 'VEM' is printed in large blue letters on the side of the building. In front of the building is a paved parking lot with several white vans and cars. To the left of the building is a small green field, and to the right is a larger green field. In the background, there is a line of trees and a small green structure. A yellow diagonal overlay covers the right side of the image, and the text 'VEM THAILAND RAYONG' is written in large white letters across it.

VEM THAILAND RAYONG

- Parts production
- Mold repair, engineering changes, mold maintenance
- Molds and parts production
- Class 100 000 clean room / ISO8
- Assemblies, ultrasonic welding, hot stamping, pad printing



▪ Injection Machines



▪ Injection Machines



▪ Clean Room





VEM THAILAND

▪ CNC



■ Measuring Equipment





**VEM INDIA
PUNE**

- Injection molds 50 T to 650 T clamping force
- Prototype molds in 3 - 4 weeks





VEM INDIA

■ Production Site



▪ Injection Shop



■ Measuring Equipment





DEM MEXICO QUERÉTARO

- **Mold repair, engineering changes, mold maintenance**
- **Molds and parts production**
- **Assemblies and other secondary operations**





VEM MEXICO

■ Production Site



▪ Injection Shop



Arburg Allrounder
470 E 1000 - 290
Golden
Electric 100 tons



Arburg Allrounder
520 E
Electric 150 tons



Arburg Allrounder
570 E 2000 - 800
Golden
Electric 200 tons



Toshiba
Electric 75 tons



GET IN TOUCH



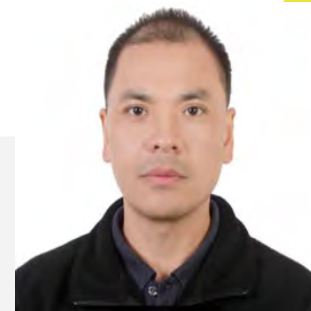
INTERNATIONAL MANAGEMENT



Jeff Carroll
CEO



Randall
Head of Design



Billy Xia
Plant Manager, BOD Member



Milind
Plant Manager



Marcus
Plant Manager



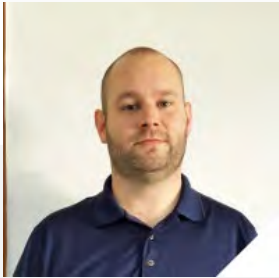
Silvio
Plant Manager



Mikael
Plant Manager



INTERNATIONAL SALES TEAM



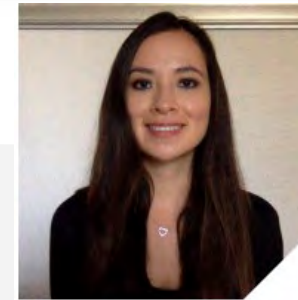
Bryan
USA Tooling Expert



Fred
Sales North USA



Marilyn
Sales South USA



Paulina
Sales West USA



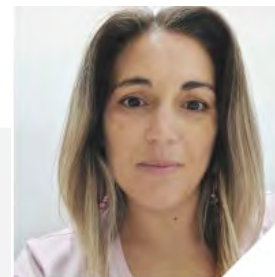
Elizabeth
Sales East USA



Oliver
Sales Germany



Stuart
Sales UK/ Bulgaria



Dina
Sales West Europe



Nina
Sales East Europe



INTERNATIONAL SALES TEAM



Sergio

Sales South Mexico



Rebecca

Sales North Mexico



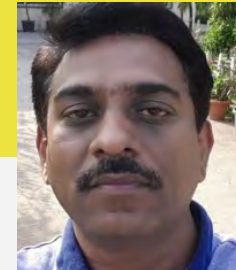
Lily

Sales China



Sarunchana

Sales Thailand



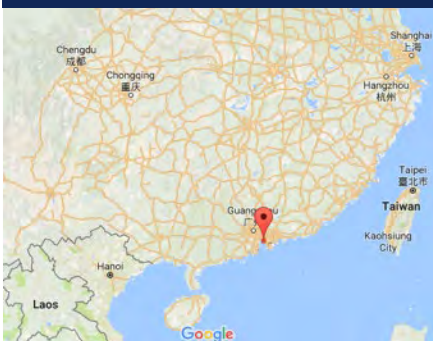
Gopal

Sales India



VEM FACTORIES

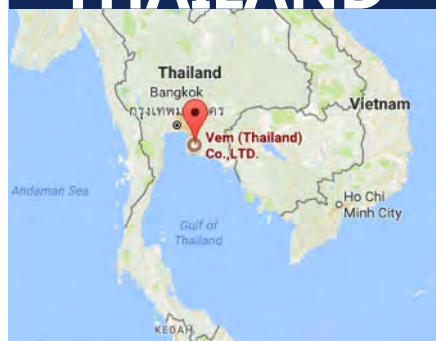
VEM CHINA



The 2nd Building
Longhui Ind. Park
Fuqiao 3rd Industrial
Zone Fuyong Town
Baoan Area
Shenzhen 518103

GPS
22.671382 113.797014

VEM THAILAND



427 Moo. 2
Mapyangporn,
Pluakdaeng Rayong
21140 Thailand

GPS
12.997944 101.198351

VEM INDIA



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No B A/p Village
Mouje
Kadamwakwasti
Loni-Kalbhor, Tal-
Haveli, Dist-Pune
India 412201

GPS
18.454289, 74.017689

VEM EUROPE



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GPS
42.033078, 24.783253

VEM MEXICO



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GPS
12.997944 101.198351



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VEM Thailand

Rayong

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VEM IS ALL ABOUT SERVICE, QUALITY AND VALUES!

German Precision, American Service, Asian Prices ... That is VEM!



MACHINE LIST CHINA

 VEM Tooling(Shenzhen)Co.,Ltd.
维克多精密工业(深圳)有限公司



MACHINE LIST CHINA

Machine Type	Manufacturer	Model	Precision (mm)	Qty	Travel Size (mm)
CNC	MIKRON	HSM300	0,003	1	410x400x255
	MIKRON	HSM400	0,003	1	400x400x450
	MIKRON	HSM500	0,003	1	500x400x350
	MIKRON	VCP600	0,003	1	600x450x450
	MIKRON	VCP1000	0,003	1	1000x610x500
	MORI SEIKI	NV4000 DCG	0,003	1	600x400x450
	JOINT	VMC1060	0,01	1	1500x800x1200
	JOINT	VMC1060	0,01	1	1500x800x1200
	JOINT	VMC1270	0,01	1	1100x610x600
	JOINT	VMC1270	0,01	1	1100x610x600
	JOINT	VMC-XW1814	0,01	1	1500x800x1200
	YCM	TV158B	0,005	2	1500x800x730



MACHINE LIST CHINA

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
EDM	FT	CNC450	0,03	2	450x300x350
	FT	CNC850	0,03	1	800x500x400
	CHMER	CM434+50N	0,02	7	400x300x350
	CHMER	CM655+70N	0,02	1	600x500x500
	Agie Charmilles	35P	0,005	1	400x250x300
	Agie Charmilles	AGIETRON ADVANCE3	0,005	1	400x300x300
	Agie Charmilles	FORM200BP	0,005	1	350x250x300
	Agie Charmilles	FORM200BP	0,005	1	350x250x300
	Agie Charmilles	FORM350BP	0,005	1	450x250x300
WIRE-CUT	Agie Charmilles	DRILL20	0,02	1	350x250x250
	Agie Charmilles	PROGRESS V2	0,002	1	350x250x250
	Agie Charmilles	PROGRESS	0,002	2	350x250x250
	Agie Charmilles	CUTP350	0,003	1	350x250x250
	Agie Charmilles	CUTP350	0,003	1	350x250x250
	BAOMA	DK7763D	0,03	3	630x800x500



MACHINE LIST CHINA

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
GUN DRILLING	JOINT	2016DHD	0,02	1	2000x1000x1220
GRINDER	YU QING	LSG-618S	0,005	1	350x150x250
	YU QING	YSG-618	0,005	1	350x150x250
	YU QING	618	0,01	1	350x150x250
	TAITUNG-OKUMA	TSG-450	0,003	1	350x150x250
	HYBEST	HB-618	0,005	2	350x150x250
	JIAN DE	KGS-84AHK	0,02	1	350x150x250
	JIAN DE	3F	0,02	7	800x400x350
MILING	ENJOY FAME	3F	0,02	7	600x350x400
	ENJOY FAME	EM-3K	0,02	3	600x350x400
	ENJOY FAME	5H	0,02	1	600x350x400
LATHE	JIAN YI	C6140A	0,04	2	Ø 400x150 (OD) Ø 210x1000 (ID)
	SHENYANG	CW6180B	0,02	1	Ø 800x200 (OD) Ø 400x15000 (ID)
	MORI SEIKI	NL1500MC/500	0,005	1	Ø 270x450 (OD)
RADIAL DRILLING	HUEN CHEN	HC-900	0,1	1	1000



MACHINE LIST CHINA

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
INJECTION MOLDING MACHINE	TOSHIBA	EC75ST		1	75 T Electric
	TOSHIBA	EC100NII-2A 100T		1	100 T Electric
	NISSEI	FNX180IIIT-25A		1	180 T Electric
	TOSHIBA	EC220NII-6A 220T		1	220 T Electric
	TOSHIBA	EC350NII-17A 350T		1	350 T Electric
QC	HEXAGON (CMM)	7.10.7 Global class	0,001	1	700x1000x660
	HEXAGON (CMM)	5.7.5 Explorer	0,001	1	700x1000x660
	RATIONAL (Projector)	VMS-4030F	0,001	1	
	3D FAMILY (Projector)	VM250	0,001	1	
	ACCURAL III (Projector)	4030	0,001	1	
	MITUTOYO (Height gage)	QM-height 600	0,001	1	
	DENCHUAN Hardness	HR150A	0,5	1	
	TIME Hardness	5301	0,1	1	



MACHINE LIST THAILAND



MACHINE LIST THAILAND

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
CNC	YCM	MV 106A	0,01	1	950x550x600
	YCM	NXV 1020A	0,01	1	1020x520x540
	YCM	NXV 1020A	0,01	1	1020x520x540
EDM	CHMER	CM 434Z	0,05	1	400x300x200
	FT	EM CNC 450	0,02	1	400x300x250
	FT	EM CNC 450	0,02	1	400x300x250
WIRE-CUT	BAOMA	DK7780D	0,02	1	800x1000x500
	MITSUBISHI	W41MV-MC	0,002	1	400x300x200
GRINDER	KENT	KGS-84	0,02	1	1500x800x700
	VERTEX		NA	1	NA
	COMBITECH	YSG-618	0,02	1	450x190x200
MILLING	FIRST	LC-185 B-VS	0,2	1	650x390x400



MACHINE LIST THAILAND

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
INJECTION MOLDING MACHINE	CHRISTMANN	BABYPLAST 6/10P		1	0,5 T
	KRAUSS MAFFEI	50-180-CX		1	50 T Electric
	KRAUSS MAFFEI	80-180-CX		1	80 T Electric
	TOSHIBA	EC50SXII-1A		1	50 T Electric
	TOSHIBA	EC 220 C-6 A		1	220 T Electric
	TOSHIBA	EC130ST-3A		3	130 T Electric
	TOSHIBA	EC180SX-6A		1	180 T Electric
	TOSHIBA	EC280SX-10A		1	280 T Electric
	TOSHIBA	IS 550 GSW-59 A		1	550 Hydraulic
	JIN TONG	JT-250		1	30 T Vertical



MACHINE LIST THAILAND

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
INJECTION MOLDING MACHINE	CHEN HSONG	JM138-Ai		1	138 T Hydraulic
	CHEN HSONG	MJ55		2	55 T Hydraulic
	CHEN HSONG	EM400-SVP/2		1	400 T Hydraulic
	CHEN HSONG	JM178Ai		1	178 T Hydraulic
	CHEN HSONG	JM98Ai		1	98 T Hydraulic



MACHINE LIST INDIA



MACHINE LIST INDIA

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
CNC	FEELER	VB715	0,2		1400x715x600
	FEELER	VB610A	0,5	1	1100x610x600
	JOINT	VMC-1060	0,5	1	1000x610x600
	JOINT	VMC-1270	0,03	1	1200x700x600
	YCM	NXV 1020 A	0,01	2	1000x600x600
	`+GF+ Agie Charmilles	MIKRON VCE 1000 PRO	0,02	2	1000x600x550
	`+GF+ AGIE CHARMILLES	PROGRESS-2008	0,02	1	1000x1300x600
	H600 CNC Graphite	SMD-H600	0,02	1	600x450x300
EDM	FT	CNC450	0,03	4	450x300x350
WIRE-CUT	Agie Charmilles	PROGRESS-2005	0,003	2	360x260x210
	BAOMA	DK7763D	0,05	1	630x800x500
DIE-SPOT	WIM	DFM 1310-100	-	1	100 T
CMM	MITUTOYO (CRYSTA PLUS M)	M574	0,004	1	500x700x400
	Mitutoyo	EURO-APEX544	0,004	1	500X400X400



MACHINE LIST INDIA

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
GRINDER	TRANSTAR	LSG 618 S	0,01	2	150x400
	TRANSTAR	KGS 84AHK	0,01	1	300x650
BANDSAW	CII	UE 712 A		1	300
RADIAL DRILLING	HUEN CHEN	HC 900	0,1	1	25
COMPRESSOR	ATLAS COPCO	GA 11 VSD + FF		1	10 Bar
INJECTION MOLDING MACHINE	TOSHIBA	TS100LNC6		1	100 T Hydraulic
	CHEN HSONG	JM 138		1	138 T Hydraulic
	TOSHIBA	EC230S/SX		1	230 T Electric
	TOSHIBA	IS550GS-59A		1	550 T Hydraulic

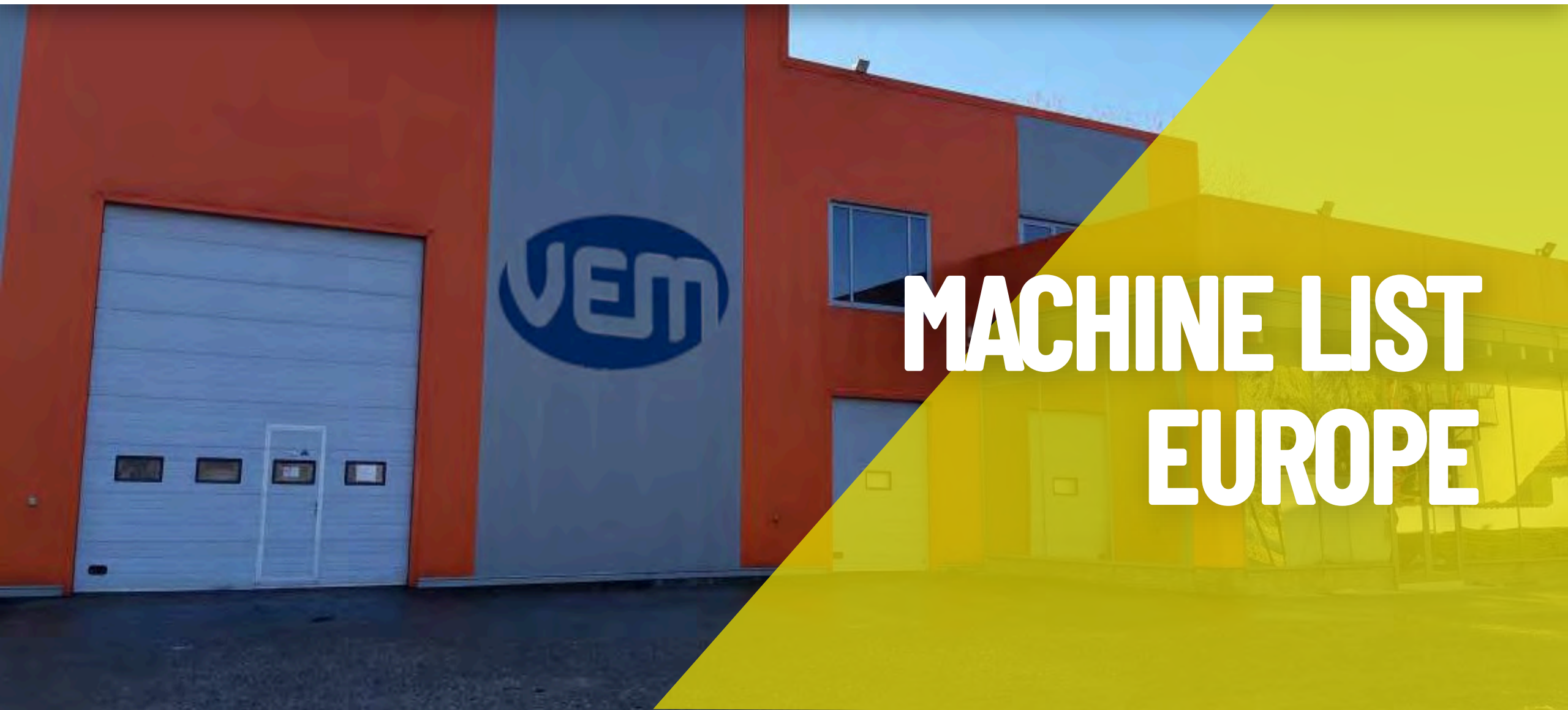


MACHINE LIST MEXICO



MACHINE LIST MEXICO

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
CNC	JOINT	VMC 1270	0,01	1	1000x650x500
EDM	Agie Charmilles	FORM 35	0,005	1	800x600
	Agie Charmilles	Advance 3	0,005	1	700x1360
SURFACE GRINDING	KENT	KGS-84 (New M/C)		1	910x450x600
	KENT	KGS-616 S		1	150x350x45
MILLING	FIRST	LC-185 B-VS		1	790x390x390
LATHE	GUANGZHOU	C6132Ai		1	Max. length of Workpiece 750 mm
INJECTION MOLDING MACHINE	ARBURG	ALLROUNDER 470E GOLDEN		1	100 T Electric
	ARBURG	ALLROUNDER 570E GOLDEN		1	200 T Electric



MACHINE LIST EUROPE



MACHINE LIST EUROPE

Machine Type	Manufacturer	Model	Precision (mm)	Qty.	Travel Size (mm)
CNC	HERMLE	C32-5 axis	0,008	1	650x650x500
	HERMLE	C400-3 axis	0,008	1	850x700x500
	JOINT	VMC-1060	0,02	1	1000x610x600
	SMD	SMD-HG600	0,005	1	600x500x250
WIRE-CUT	GF	AgieCharmilles CUT E 350	0,005	1	350x250x250
EDM	GF	AgieCharmilles FORM P350	0,008	1	350x250x300
	CHMER	CM-434C	0,01	1	400x300x350
	FT	CNC-450	0,01	1	450x350x350
GRINDER	Jones Shipman	SUPREMA 650-EASY-M	0,002	1	650x160x300m
	SEE DTEC	LSG-618S	0,005	1	350x150x250
	KENT	KGS-615AHD	0,005	1	1600x600x600
MILLING	FT	3K	0,02	1	600x350x400
RADIAL DRILLING	HUEN Chen	HC1200	0,05	1	950x1050x440