



MACHINING & ASSEMBLY PRODUCTS

MAAP CO., LTD.

228/49 Moo 6 Omnoi, Kratumban

Samutsakorn, Thailand 74130

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About Our Company

www.maap.co.th/our-company

MAAP Contract Manufacturing Services

The management team of MAAP have more than 20 years experience in high precision contract manufacturing services industry. Our customers are mainly located in Asia-Pacific, Euro and North America. From CNC machining of parts to providing complete machine assemblies, these services include :



CNC Milling Services

For our high precision milling services MAAP has a variety of 3 axis and 4 axis vertical and horizontal CNC mills from some of the world's best machine tool manufacturers. MAAP can offer our customers the quality of world class machining technology along with the cost savings possible in a low labor cost country.



We have experience machining a variety of materials including :

- Mild Steels
- Tool Steels
- Stainless Steels
- High Strength Alloy Steels
- Copper Alloys
- Exotic High Nickel Alloys
- Inconel 718
- Inconel 600
- Incoloy DS
- ASTM A297 HU
- Engineering Plastics
- Aluminum



You can learn more about our CNC Milling by visiting our page.

<https://www.maap.co.th/milling>

About Our People

www.maap.co.th/our-people

There are many people who contribute everyday to our success at MAAP, and we regret we don't have the space to talk about each and every one of them here. Below are just a few of the people you're most likely to have contact with.



Yong Khor

Managing Director

Current responsibilities: Manufacturing, engineering, sales, marketing, administration, quality, customer relations and finance.

Graduated in 1988 with a Bachelor of Science in Electrical Engineering with University Honors from Southern Illinois University, USA.

1997 - 2001: Sidel Industry (Malaysia) Sdn Bhd, a French company, where he was involved in the manufacturing, purchasing and quality management activities of the company.

1988 - 1997: Tateyama Auto Machine (M) Sdn Bhd, a Japanese OEM machine manufacturer.

Last position held was Parts Centre Manager. Prior to that, he was involved in the company as a machine designer, production control, parts fabrication, quality management, marketing and sales and purchasing.



Unnop Tabida

Operation Director

Current responsibilities: Manufacturing, engineering, sales, marketing, administration, quality, customer relations.

Graduated in 1997 with a Bachelor of Industrial Engineering degree from King's Mongkut Institute of Technology North Bangkok, Thailand.

2004 - Present: Supreme Precision Manufacturing Co., Ltd., Technical and Quality Director

2002 - 2004: Global-Thaixon Precision Industry Co.,Ltd., Production Engineer - QA Engineer.

CNC Milling Services

www.maap.co.th/milling

Machine	Model	Axes	X	Y	Z	Units
			(mm)	(mm)	(mm)	
Vertical CNC Mill	Hass VF-4-SE	4 Axis	1270	508	635	1
Vertical CNC Mill	Hass VF-2	3 Axis	726	406	508	1
Horizontal CNC Mill	Mazak HCN 50002	3 Axis	730	730	740	1
Vertical CNC Mill	Mazak VCN 410 A	3 Axis	550	400	500	2
Vertical CNC Mill	Mazak VCN 410 B	4 Axis	750	400	500	1
Vertical CNC Mill	Mazak VCN 410 B	3 Axis	750	400	500	2
Vertical CNC Mill	Mazak VCN 410 A	3 Axis	560	410	500	2
Vertical CNC Mill	Mazak VCN 410 B-2	4 Axis	762	410	510	1
Vertical CNC Mill	Mazak VCN 510 C-2	4 Axis	1050	510	510	1



CNC Lathe Turning Services

www.maap.co.th/turning

For our high precision lathe turning services MAAP has a variety of CNC lathes from some of the world's best machine tool makers and we have the same experience with materials for milling.

Machine	Model	Working Diameter	Working Length	Units
		(mm)	(mm)	
CNC Lathe	Mazak QTN 150/500	200	600	3
CNC Lathe	Mazak QTN 150-2/500	190	330	1
CNC Lathe	Mori Seiki SL-20	200	450	1
CNC Lathe	Mori Seiki SL-35	420	750	2
CNC Lathe	Mori Seiki SL-15 MC	200	500	1



Wire Cutting

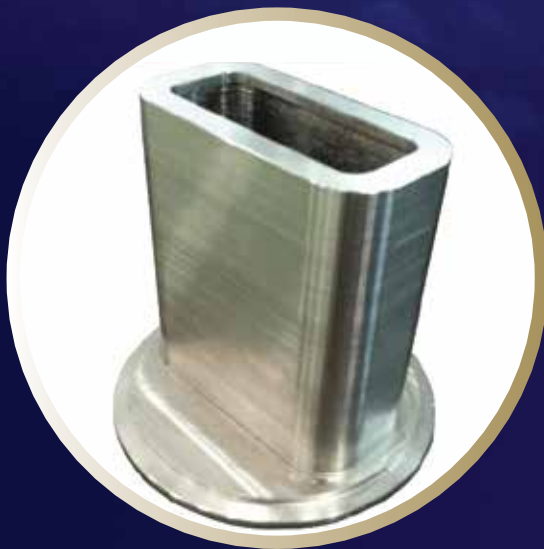
For sharp corners and other difficult to machine features, MAAP has a wire cutting capability.



MIG Welding, TIG Welding and Brazing Services

www.maap.co.th/welding

MAAP can offer a variety of high quality MIG and TIG welding services along with brazing and soldering.



Cylindrical Grinding and Surface Grinding Services

www.maap.co.th/grinding

MAAP offers both surface and OD grinding capacities.

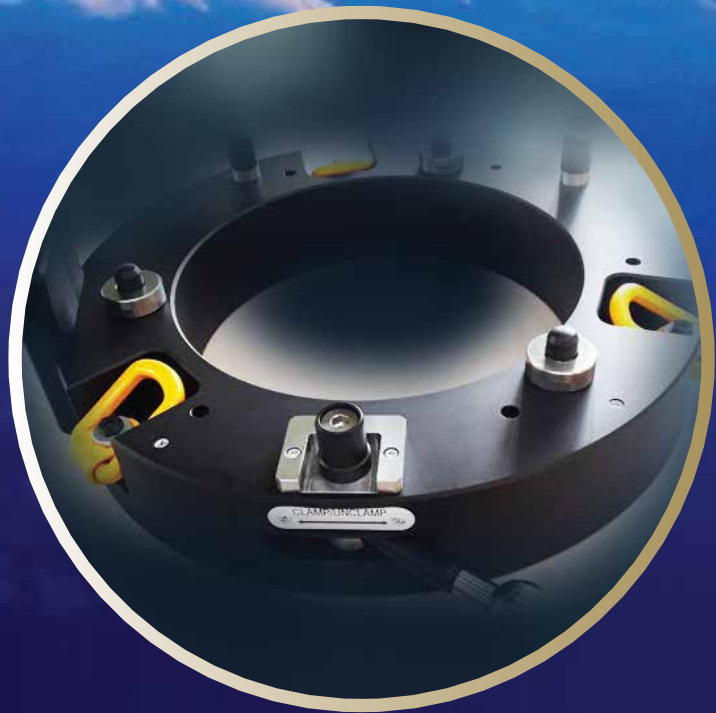
Machine	Model	X	Y	Z	Units
		(mm)	(mm)	(mm)	
Surface Grinder	Okamoto PSG 64DX	1,000	400	200	2
Cylindrical Grinder	Okamoto OGM-3100U	300	—	1,000	1



Assembly Services

www.maap.co.th/assembly

MAAP provides the assembly of mechanical components, machines and electrical control equipment from small sub-assemblies to complete major machine builds supplying or purchasing some or all of the parts depending on the customer's needs. This includes control panels, control panel wiring and PLC programming when necessary.



Quality Control

www.maap.co.th/qc

MAAP has a very capable, well staffed and well equipped Quality Control Department to ensure that customer specifications are met.

Quality is integral and built into our process. Even so, we always check.

The equipment list below is always evolving to meet our customers.

Description	Range	Quantity	Accuracy
	(mm)		(mm)
CMM	—	1	0.001
x:	0 - 460	—	—
y:	0 - 570	—	—
z:	0 - 420	—	—
VMM	—	1	0.001
x:	0 - 300	—	—
y:	0 - 200	—	—
z:	0 - 150	—	—
Microscope	—	5	60X
Micro Hite	0 - 350	1	0.001
Micro Hite	0 - 400	1	0.001
Micro Hite	0 - 600	1	0.001
Micro Hite	0 - 900	1	0.001
Surface Roughness Tester	µm 0.1 - 12.5	1	µm 0.02
Digital Micrometer	0 - 25	17	0.001
Digital Micrometer	25-50	10	0.001

Quality Control

www.maap.co.th/qc

Description	Range	Quantity	Accuracy
	(mm)		(mm)
Digital Micrometer	50-75	3	0.001
Digital Micrometer	75-100	2	0.001
Digital Micrometer	125-150	1	0.001
Digital Micrometer Caliper type	0-25	1	0.001
Digital Micrometer Caliper type	25-50	1	0.001
Hole Test	2-2.5	1	0.001
Hole Test	2.5-3	1	0.001
Hole Test	3-4	1	0.001
Hole Test	4-5	1	0.001
Hole Test	5-6	1	0.001
Hole Test	6-8	1	0.001
Hole Test	8-10	1	0.001
Hole Test	10-12	1	0.001
Hole Test	12-16	3	0.005
Hole Test	16-20	2	0.005
Hole Test	20-25	2	0.005
Hole Test	25-30	2	0.005
Hole Test	30-40	2	0.005
Hole Test	40-50	3	0.005
Hole Test	50-63	1	0.005
Hole Test	62-75	1	0.005
Hole Test	75-88	1	0.005
Hole Test	87-100	1	0.005
Digital Depth Micrometer	0 - 150	4	0.001
Vernier Caliper	0 - 2,000	1	0.050
Vernier Caliper	0 - 1,000	1	0.020
Vernier Caliper	0 - 600	3	0.020

Quality Control

www.maap.co.th/qc

Description	Range	Quantity	Accuracy
	(mm)		(mm)
Vernier Caliper	0 - 200	13	0.020
Digital Caliper	0 - 600	2	0.010
Digital Caliper	0 - 300	3	0.010
Digital Caliper	0 - 200	73	0.010
Digital Caliper	0 - 150	2	0.010
Dial Caliper	0 - 200	2	0.020
Dial Caliper Gauge	15 - 35	1	0.001
Dial Caliper Gauge	10 - 35	1	0.001
Bore Gauge	50 - 150	2	0.010
Bore Gauge	150 - 250	1	0.010
Parallel Pin	0.533 - 25.025	50 Sets	0.001
Plug Gauge	12.68 - 80	73 Sets	0.001
Gauge Block	1.005 - 50	1	0.01
Gauge Block	1.005 - 100	2	0.001
Gauge Block	1.005 - 100	1	0.01
Gauge Block	125 - 500	1	0.001
Glass Scale	0 - 50	1	0.100
Precision Surface Plate	1,500 X 1,000	1	0.001
Precision Surface Plate	1,220 X 1,070	1	0.001
Precision Surface Plate	1,200 X 1,150	2	0.001
Precision Surface Plate	900X500	1	0.001
Precision Surface Plate	820X520	1	0.001
Precision Surface Plate	750X500	1	0.001
Square Master	350 X 350	1	0.001
Square Master	200 X 160	1	0.001
Square Master	0-500	1	0.003
Setting Ring	2.000 - 175.001	40	0.001

Investment Castings/Sand Castings/Die Castings

www.maap.co.th/castings

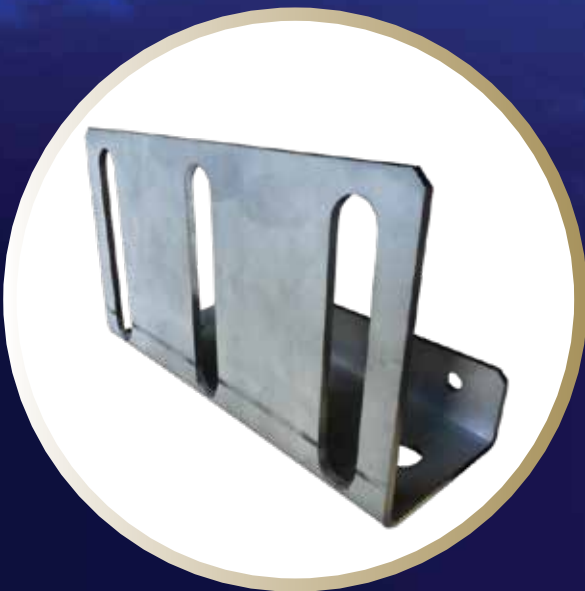
We know our customers usually don't want to buy castings from one supplier and machining of those castings from a second supplier. In terms of who is responsible for the finished part, it's much better to just buy the finished product from a single source, and we can do that for you.



Fabrication Services

www.maap.co.th/fabrication

Fabricated parts are often necessary as component parts either in assemblies or weldments. Much like castings, it's important for MAAP to work closely with local fabrication shops to coordinate schedules and ensure quality.

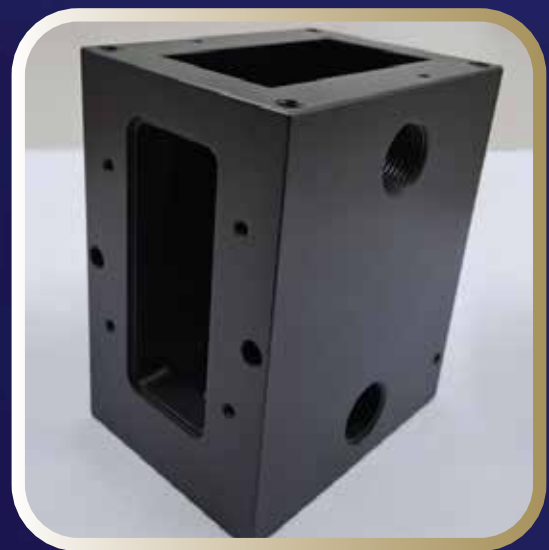
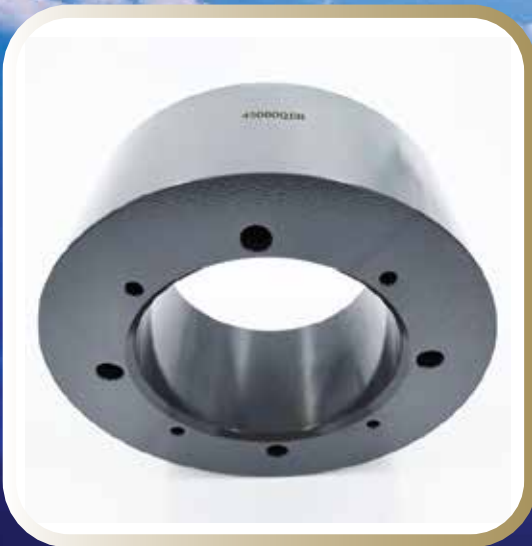


Surface Treatments and Surface Conversions

www.maap.co.th/surface-treatments

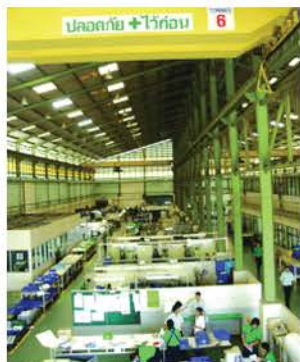
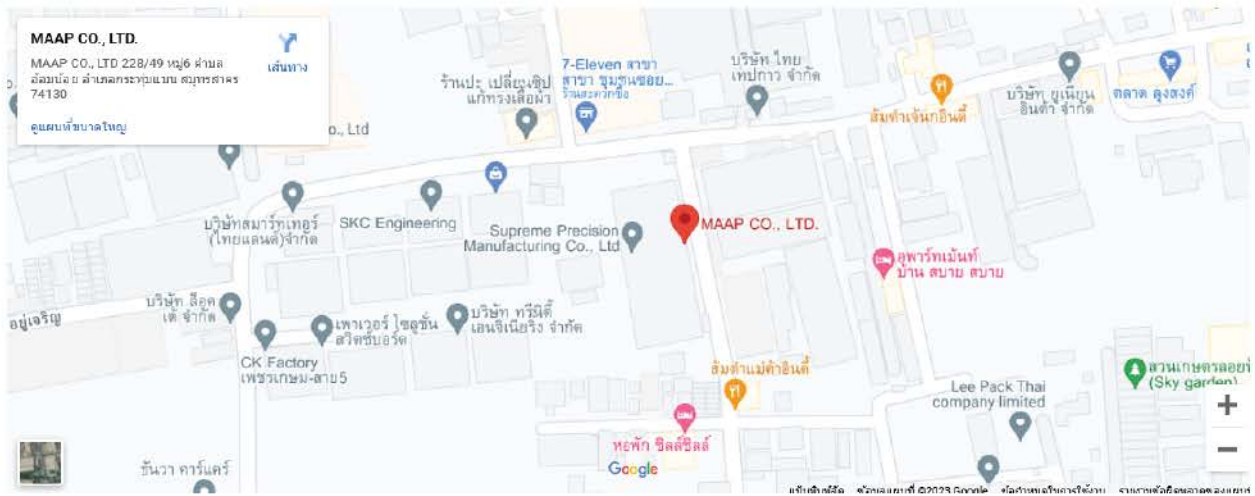
Finishing touches are often required for parts including :

- Powder Coating
- Painting
- Anodizing
- Chrome Plating
- Nickel Plating
- Electropolish/Passivation
- Zinc Plating
- Chromate
- Blackening
- Heat Treatment
- Nitriding
- Special Coating



Contact Us

www.maap.co.th/map



Contact MAAP

Visit us at

GPS Location Link : <https://goo.gl/maps/e92az7Um3oBsrTTW6>

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