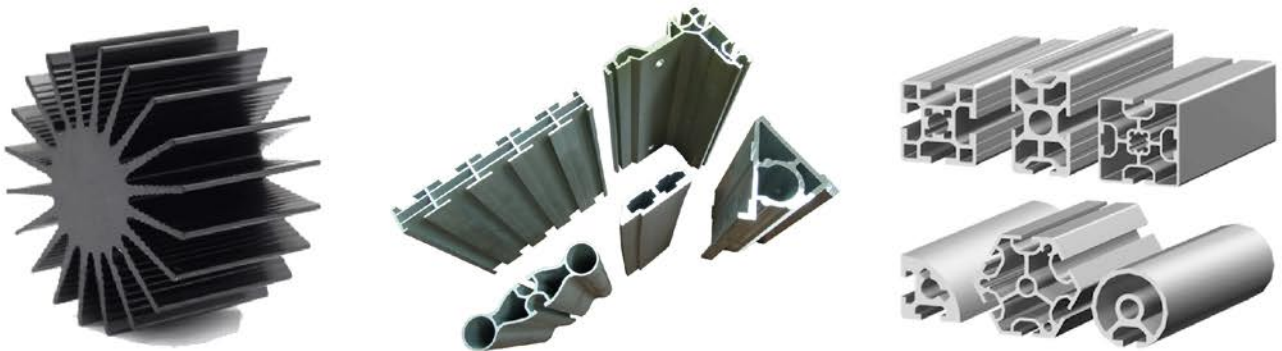




PRECISION ALUMINIUM EXTRUSION

CUSTOM DESIGN ON DEMAND



WWW.PAEXTRUSION.COM

ABOUT US

We at PAE provide best service to the customer based on their requirements of aluminum extrusions along with finishes if required with best price. We are capable of supplying wide range of domestic and industrial products. Our company tied with ISO certified Aluminum Extrusion Companies within Maharashtra to satisfy the wide range of products based on the profile CCD and the criticality and to give best suitable service to our valued customer based on their profiles requirement. Our company associated with more than 20 years of experienced persons to understand all kind of technical issues of customer and give instant best suitable solution to satisfy the customer need. We have more than a decade of experience of providing dedicated service to the customers which has enabled us to earn the trust as a reliable extruder of Quality Extrusions and timely supply at economical price.

INDUSTRIES WE SERVE

- Aluminum Extrusion Heat Sinks
- Green House Profiles
- Aluminum Drawn Tube & Rod
- Air ducting Profiles
- Modular Furniture / Tables Profiles
- Auto Accessories Profiles
- Solar Photo Voltaic Profiles / Solar Water Heaters Profiles
- Aluminum Resistor Profiles
- A.C. Grill Section
- Industrial Section
- Photo Frame Section
- Scaffolding Section
- Electrical Section
- Solar Frames
- Conveyor Section / Profile Tracker Section
- Pneumatic / Auto Ancillary Profiles
- Building Projects Profiles / Architectural Section
- Air Filters Profiles
- Heat Exchange / Oil Cooler Tubes
- Transport Section
- Modular Kitchen Profiles
- Modular Enclosure System (IT racks) Profiles

OUR PRODUCT RANGE

- Heat Sink Section : Used in electrical components
- Fencing Section : Used in SPM (Special Purpose Machine)
- Ladder Section : Used in ladder making.
- Modular Furniture Section : Used in furniture application (Residential, Commercial, Industrial etc.)
- Scaffolding Section : Used in making scaffolding
- Solar Section : Used as a frame for solar panels and panel mounting
- Tube Section : (Round, Square, rectangle etc)
- Special Window Section : (Residential, Commercial, Industrial)



LIST OF MACHINES

SR.	Name of Machine	Capacity	Make
1	Melting Furnace	05 Mt	Thermsys India
2	Hot Top Casting Machine	0 127 X 6 Mtr.	Chaing Wen, Taiwan
3	Log End cutting Machine	0 127 X 6 Mtr.	Minghong Machinery, Taiwan
4	Extrusion Press Machine	900MT	Hydromech India
5	Extrusion Press Machine	2200MT	Yeijing Machinery China
6	Log Heather	0 127 X 8 Mtr.	Chaing Wen, Taiwan
7	Die Pre-Heater	18 Kw (500 x 500 x 400 mm)	Thermsys India
8	Ageing Oven	6M. Ton Per Batch	Thermsys India
9	Die Nitriding Furnace	18 Kw	Chaing Wen, Taiwan
10	Pre-Treatment Set-up	09 Tank Pic Based	Aditya Mechatronix
11	Hardness Tester	Rockwell	FIS
12	Spectrometer	18 Elements	
13	Overhead Cranes	5 tons, 02 off	PVSS
14	Colling Tower	500 Tr	Aquarius
15	Titanium - Boron Rod Feeder Unit	9.5 MM	pyrotek
16	Automated Material Handling system		Minhong Machinery, Taiwan
	Cooling Water table	7 Mtr. Width X 42 Mtr. Long	
	Puller	30 M. Ton	
	Strecher	0 350 mm Circular Saw	
	Rough Cutting		
	Finish Cutting		

ALUMINUM ALLOY COMPOSITION LIMITS (% WEIGHT)

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ti	Bi	Ga	Pb	Zr	Limits++		Al
														Each	Total	
3003	0.6	0.7	0.05-0.20	1.0-1.5			0.1							0.05	0.15	remainder
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1		0.1					0.05	0.15	remainder
6005A+	0.5-0.9	0.35	0.3	0.5	0.40-0.7	0.3	0.2		0.1					0.05	0.15	remainder
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	0.05	0.15		0.1					0.05	0.15	remainder
6061	0.4-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.35	0.25		0.15					0.05	0.15	remainder
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1		0.1					0.05	0.15	remainder
6066	0.9-1.8	0.5	0.7-1.2	0.6-1.1	0.8-1.4	0.4	0.25		0.2					0.05	0.15	remainder
6070	1.0-1.7	0.5	0.15-0.40	0.4-1.0	0.50-1.2	0.1	0.25		0.15					0.05	0.15	remainder
6082	0.7-1.3	0.5	0.1	0.4-1.0	0.60-1.2	0.25	0.2		0.1					0.05	0.15	remainder
6105	0.6-1.0	0.35	0.1	0.1	0.45-0.8	0.1	0.1		0.1					0.05	0.15	remainder
6162	0.4-0.8	0.5	0.2	0.1	0.7-1.1	0.1	0.25		0.1					0.05	0.15	remainder
6262	0.4-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.14	0.25		0.15	0.40-0.7		0.40-0.7		0.05	0.15	remainder
6351	0.7-1.3	0.5	0.1	0.40-0.8	0.40-0.8		0.2		0.2					0.05	0.15	remainder
6463	0.2-0.6	0.15	0.2	0.05	0.45-0.9		0.05							0.05	0.15	remainder

