

VARRON
AUTOKAST LIMITED
(An IATF 16949:2016, ISO 9001:2015 Certified Company)

Work

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AUTOKAST LIMITED
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- ALUMINIUM EXTRUSION PLANT
- FORGING SHOP
- MACHINE SHOP
- ALUMINIUM ALLOY PLANT
- FABRICATION SHOP

MISSION & VISION



MISSION & VISION

OUR MISSION

Aim to continuously research and develop new products or solutions that can meet the evolving needs of their customers and stay ahead of competitors. This may involve investing in research and development, technologies, and talent. Strive to streamline their operations, optimize their processes, and reduce costs. This can involve implementing lean manufacturing principles, adopting advanced technologies and automation, and improving supply chain management.

OUR VISION

Aim to establish as a top player in its respective industry by consistently delivering high-quality products, services, and solutions to customers around the world.

Strive to develop cutting-edge technologies and solutions that address the evolving needs of its customers while also considering the long-term sustainability of its operations and products.

OUR VALUED CUSTOMERS

TATA AUTOCOMP

cosmos

Electro Pneumatics — Forming Tomorrow, Today!

ENDURANCE — Complete Solutions

PHILIPS Lighting

AITG

SANDEEP METALCRAFT PVT. LTD.

NOVA — Every day is a SUN day

infinite possibilities

GMG — THE ENGINEERED ADVANTAGE

NCC — Nagarjuna Construction Company Limi

alfa façade systems pvt ltd — CREATE. INNOVATE.

TOOL ROOM FACILITIES FOR DIE

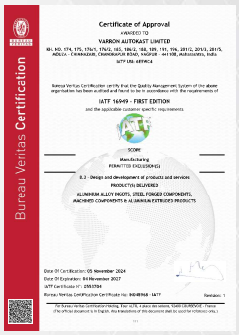
Sr. No.	M/C Name	MAKE	Capacity	Quantity
1	CENTER LATHE	JAMNAGAR MACHINE TOOL	7'/10'/12'	1 NOS EACH
2	SHAPER MACHINE	HOOPER	24"	1
3	DRO MILLING	MNT1	ISO30	1
4	RADIAL DRILL	PRAKASH, RAJKOT	Dia.40	1
5	PILLAR DRILL	VISHAL, RAJKOT	Dia.25	1
6	VERTICAL MILLING	SOMON, RAJKOT	650 X 350MM	1
7	VMC	BFW	1050 X 610 X 610MM	2

TESTING LAB

Sr. No.	M/C Name	MAKE	Capacity	Quantity
1	UTM	FIE	600 KN	1
2	BRINELL HARDNESS	FIE	-	1
3	ROCKWELL HARDNESS	SAROJ	100-150 KGF	1
4	CHARPY IMPACT TEST	FIE	300 J	1
5	MICROSCOPE	ERMA TOKYO	0-10MM/0.1MM	1
6	LEEB HARDNESS TESTER	MATREIX	535-778	1
7	EXTENSOMETER	SYLVAC/E€25	0-2.000MM	1
8	SUB ZERO PEMPRATURE BATH	MATRIX	-	

CERTIFICATE & APPROVALS





EXTRUSION SHOP

We operate state-of-the-art extrusion presses with capacities of 10 MN, 18 MN, and 43 MN, enabling a production capacity of 3,000 tons per month of aluminum extruded sections.

Our lines include a front-loading, short-stroke, low-deflection SMS press for 5" and 7" billets (German technology) and a 12" JLM press. The process keeps the billet precisely centered to apply uniform extrusion pressure across every pocket of the die, while the BURP cycle eliminates trapped air in the container. The result is consistent wall thickness along the entire length with no risk of cavitation.

To support a wide range of alloys, we offer air, water, and spray quenching. After extrusion and stretching, our controlled ageing ovens deliver uniform hardness throughout the profile at the specified length. We supply tempers T4, T5, and T6, ensuring high, repeatable quality tailored to your application.

PRESS CAPACITY	10 MN, 18 MN & 43 MN
Alloys	1XXX, 2XXX, 3XXX, 5XXX, 6XXX, 7XXX.
Tempers	T4, T5 and T6
Pro les Extrusion	Solid, Hollow, Semi-hollow





SCALER MELTING FURNACE





SCALER MELTING FURNACE – 2
CAPACITY – 12 MT EACH

Scaler Melting Furnace is a specialized furnace designed for the ef cient melting of metals.
It utilizes advanced technology to achieve precise temperature control.
It is suitable for various industrial applications, particularly in metal casting and alloy production.

HOLDING FURNACE





SCALER HOLDING FURNACE – 1
CAPACITY – 12 MT

Scaler Melting Furnace is a specialized furnace designed for the ef cient melting of metals.
It utilizes advanced technology to achieve precise temperature control.
It is suitable for various industrial applications, particularly in metal casting and alloy production.

MEASURING FACILITIES



Sr. No.	Instrument Name	Range	Capacity
1	Micrometre	0-300 mm	Mitutoyo
2	VERNIER CALIPER (Mechanical)	0-600 mm	Mitutoyo
3	VERNIER CALIPER (DIAL)	0-300 mm	Mitutoyo
4	VERNIER CALIPER (DIGITAL)	0-150 mm	INSIZE
5	OUTSIDE DIAL CALIPER	0-50 mm	KROEPLIN
6	BOREGUAGE WITH DIAL INDICATOR	18-301 mm	MITUTOYO

MACHINE SHOP



Sr. No.	MAKE	Model	Capacity	Quantity
1	LMW	LX 20TL3	Φ320 X 300	3 NOS
2	LMW	SMART TURN	Φ160 X 300	3 NOS
3	JYOTI	DX204B	Φ320 X 300	3 NOS
4	ACE	MEGA JOBBER	Φ370 X 670	3 NOS
5	TIRUPATI	TCP H 500	Φ320 X 300	3 NOS
6	TIRUPATI	TCP H 400	Φ320 X 300	3 NOS