



RESALE MACHINE DETAILS



About Us

SUDARSHAN ALUMINIUM INDIA LIMITED (SAIL) is a flagship of the J.K. Group, recognized as one of India's premier aluminium extrusion manufacturers with an impressive annual capacity of 12,000 MT. Since our inception in 2010, we have specialized in delivering precision-engineered extrusions, superior surface finishes, and comprehensive fabrication services for OEMs. Our extensive portfolio includes over 5,000 profile designs and sections that can reach widths of 225 mm, catering to diverse sectors such as architecture, facades, consumer durables, industrial applications, structural components, electrical systems, electronics, transportation, and solar energy. Through our commitment to advanced technology and deep industry expertise, SAIL embodies innovation, quality, and reliability, ensuring excellence in every extrusion.





Wide Range of Extrusions & Finishes

SAIL offers a diverse range of extrusions and finishes, catering to various industrial needs. With over 5,000 profile designs, SAIL ensures that every extrusion meets the specific requirements of different applications.



Installed Capacity of 12,000 MTPA

With an installed capacity of 12,000 MTPA, SAIL operates extrusion presses of 4 and 7 inch sizes, enabling efficient production of high-quality aluminium products.



In-House Facilities: Comprehensive Capabilities

SAIL's in-house facilities encompass casting, extrusion, die-making, surface finishing, and fabrication. This integrated approach enhances operational efficiency and product quality.



Diverse Applications

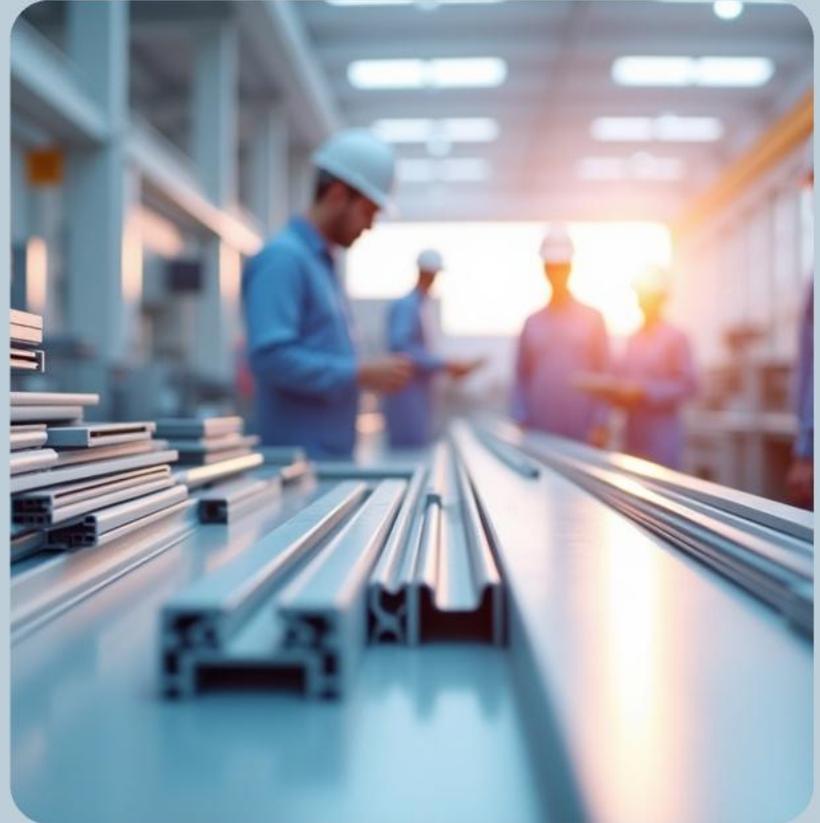
The applications of SAIL's aluminium extrusions are extensive, including products for windows, doors, curtain walls, fencing, solar panel frames, wardrobes, and ladders, among others.



Our Products & Capabilities

Wide Range of Extrusions & Finishes

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Benefits of Aluminium



Strength and resilience

Long-lasting durability

Versatile and flexible

Waterproof and impermeable

Lightweight material

Corrosion-resistant properties

100% recyclable material

Environmentally friendly option

Machine Overview

An overview of our state-of-the-art machinery and their capabilities in the aluminium extrusion manufacturing process.



600 AL Extrusion Press

Indian Make with a working pressure up to 230 BAR, featuring an Allenbradley PLC and accommodating billet sizes of 105 MM DIA (4").



400 AL Extrusion Press

Indian Make with a working pressure up to 230 BAR, equipped with an Allenbradley PLC for billet sizes of 80 MM DIA (3").



3 Ton Melting Furnace

Indian Make designed for efficient melting of aluminium ingots.



Multiilog Heater

4 Inch China Make to ensure uniform heating before extrusion.



Puller

Double Head Auto Cut Puller for precise handling of extruded products.



Handling Auto Transfer

4 Step Conveyors from China for efficient material transfer during the production process.



Machine Details

Machine	Description
600 AL EXTRUSION PRESS	<ul style="list-style-type: none">Indian Make (Pressure up to 230 BAR, Allenbradley PLC Billet size 105 MM DIA(4"))
DIES	<ul style="list-style-type: none">DIES & TOOLING
MULTILOG HEATER	<ul style="list-style-type: none">4 Inch China Make
PULLER	<ul style="list-style-type: none">Double Head Auto Cut Puller
HANDLING AUTO TRANSFER	<ul style="list-style-type: none">4 Step Conveyors China Make
STRECHING MACHINE	<ul style="list-style-type: none">30 Ton Capacity Indian Make
FINISH CUTTING MACHINE	<ul style="list-style-type: none">Auto Saw with Chips Collector China Make
QC TABLE	<ul style="list-style-type: none">Belt Conveyor (China Make)
AGEING OVEN	<ul style="list-style-type: none">Indian Make
ANCILLARY EQUIPMENTS	<ul style="list-style-type: none">Along with Ancillary Equipment & Accessories Available

Machine Details

Machine	Description
400 AL EXTRUSION PRESS	<ul style="list-style-type: none">Indian Make (Pressure up to 230 BAR, Allenbradley PLC Billet size 80 MM DIA(3"))
DIES	<ul style="list-style-type: none">DIES & TOOLING
MULTILOG HEATER	<ul style="list-style-type: none">3 Inch China Make
PULLER	<ul style="list-style-type: none">Rope Type VFD Controlled China Make
HANDLING AUTO TRANSFER	<ul style="list-style-type: none">4 Step Conveyors China Make
STRECHING MACHINE	<ul style="list-style-type: none">25 Ton Capacity China Make
FINISH CUTTING MACHINE	<ul style="list-style-type: none">Auto Saw with Chips Collector China Make
QC TABLE	<ul style="list-style-type: none">Belt Conveyor (China Make)
DIE HEATER	<ul style="list-style-type: none">China Make Infrared Type Heater
ANCILLARY EQUIPMENTS	<ul style="list-style-type: none">Along with Ancillary Equipment & Accessories Available

Machine Details

Machine	Description
3 TON MELTING FURNANCE	<ul style="list-style-type: none">• Indian Make
CASTING TABLE	
ANCILLARY EQUIPMENTS	<ul style="list-style-type: none">• Along with Ancillary Equipment & Accessories Available

MACHIINE PHOTOS

400 AL. EXTRUSION PRESS

HYDROMECH (INDIAN MAKE)
PRESSURE UPTO 220 BAR, ALLENBRADLEY PLC
BILLET SIZE 85 MMDIA(3")



CONTAINER AND STEM
&
MOTOR SPARE EACH 1

MULTILOG HEATER

3 INCH CHINA MAKE SEMI AUTO
(CHINA MAKE)

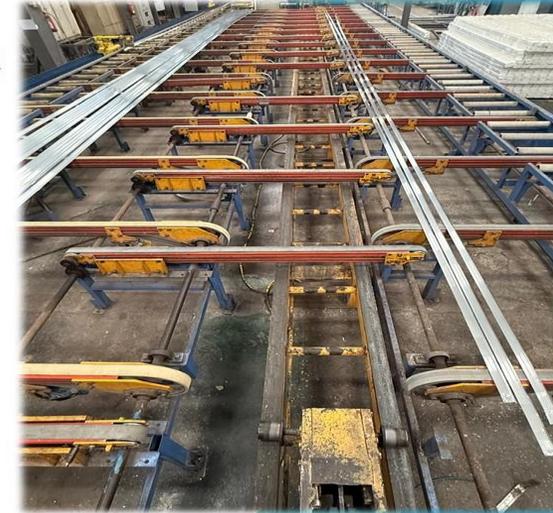
HOURLY 500 KG OUTPUT
DAILY 10 TONS OUTPUT



HANDLING AUTO TRANSFER

4 STEP CONVEYORS (CHINA MAKE)
6 METERS WIDTH TO 30 METERS LONG
(CHINA MAKE)

INITIAL (480 *C) BELT CONVEYOR
COOLING(280*C) BELT CONVEYOR
STORAGE(280*C) BELT CONVEYOR
FINAL (180*C) BELT CONVEYOR



PULLER

THREE HEAD AUTO CUT PULLER
FOR MULTIHOLE SECTIONS



STRETCHING M/C

30 TON CAPACITY (CHINA BRAND)



FINISH CUTTING M/C

AUTO SAW WITH CHIPS COLLECTOR



Q/C TABLE

BELT CONVEYOR

CHINA AUTO CONVEYOR



DIES

DIES AND TOOLING

300 NOS DIES
APPROX WITH TOOLING



realme 14x 5G
Mangal 11:55 AM 2025 at 12:51 pm

Die oven

CHINA MAKE INFRARED TYPE HEATER

SIZE OF CHAMBER 200DIA *200 LONG

SPEED CONTROL MOTORS



3 TON MELTING FURNACE

NEW BRICK LINE

WITH NEW OIL PUMPING UNIT

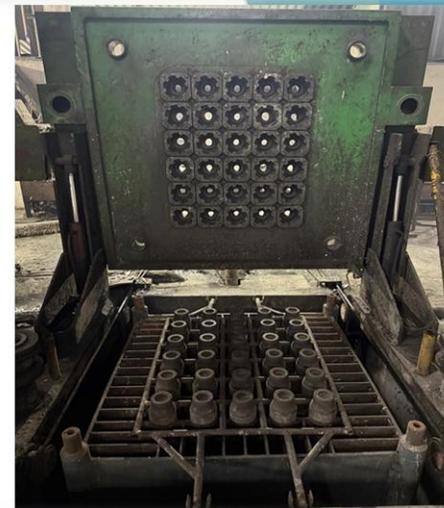


CASTING TABLE

HOT TOP CASTING

CHINA DESIGN 3 TABLE SET

3 INCH
4 INCH
5 INCH



600 AL. EXTRUSION PRESS

HYDROMECH (INDIAN MAKE)
PRESSURE UPTO 230 BAR, ALLENBRADLEY PLC
BILLET SIZE 105 MM DIA(4")



MULTILOG HEATER

4 INCH CHINA MAKE SEMI AUTO
(CHINA MAKE)

HOURLY 600 KG OUTPUT
DAILY 15 TONS OUTPUT



CONTAINER AND STEM & MOTOR EACH 1 SPARE



PULLER

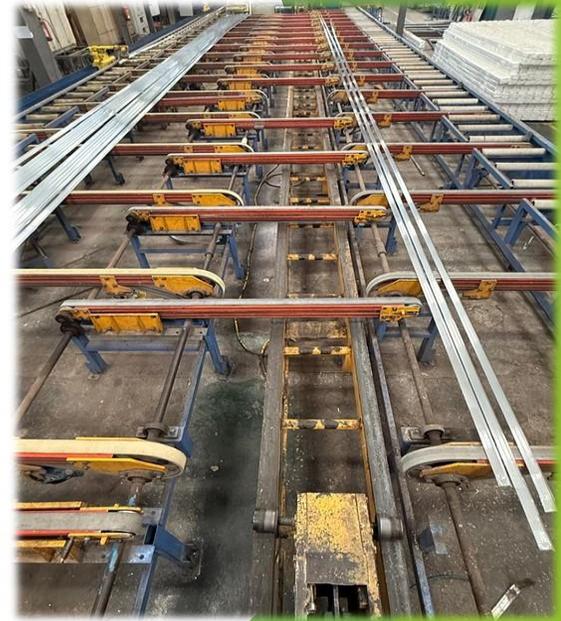
DOUBLE HEAD AUTO CUT PULLER
FOR MULTIHOLE SECTIONS



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STRETCHING M/C

30 TON CAPACITY (INDIAN MAKE)



FINISH CUTTING M/C

AUTO SAW WITH CHIPS COLLECTOR



DIES

DIES AND TOOLING
100 NOS DIES
APPROX WITH TOOLING



Q/C TABLE

BELT CONVEYOR
CHINA AUTO CONVEYOR



AGING OVEN GAS FIRED

PON ENGINEERING
4 BURNERS, 33 FT LONG, 6 FT WIDTH, 6 FT HIGH
(INDIAN MAKE)





Thank You

SUDARSHAN ALLUMINIUM INDIA LIMITED

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