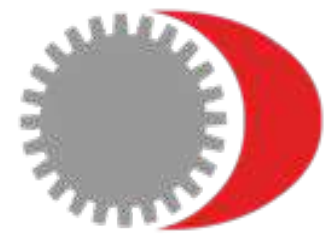


BHORUKA

A YKK AP COMPANY

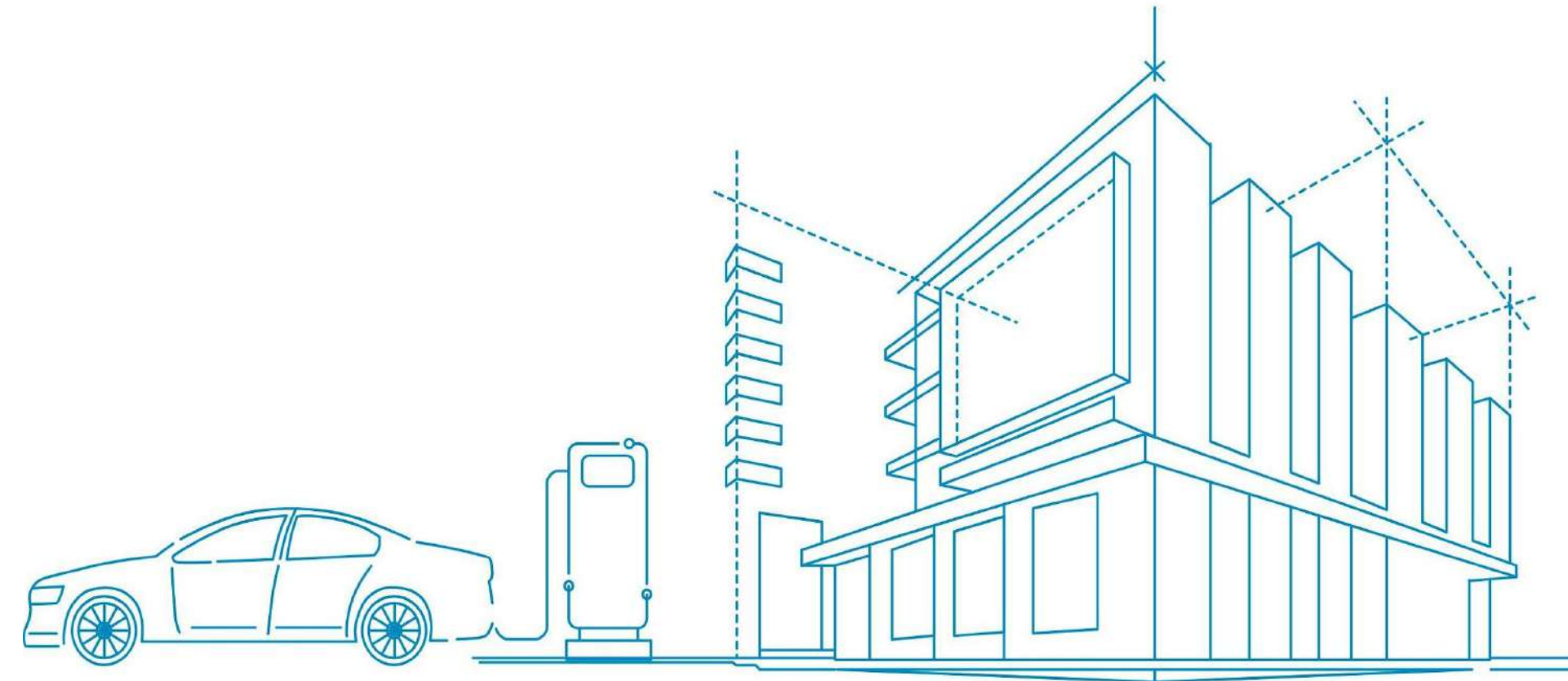
Extruding Excellence



Admired Companies to watch in India 2025 by **Forbes India**

Tomorrow's Mettle

BHORUKA EXTRUSIONS PRIVATE LIMITED



Vision

Our **vision** is to be the **Preferred Extruder** of choice for iconic projects by delivering products and services that reduce our **customers' total cost of ownership** .

We do this by **leveraging technology** and a commitment to sustainability, customer satisfaction, and operational excellence

Path to becoming preferred Extruder



- ◆ **Customer Satisfaction**
Ensuring Client needs are met with High Quality Service
- ◆ **Operational Excellence**
Streamlining processes for Optimal Performance
- ◆ **Leveraging Technology**
Leveraging Technology to enhance efficiency and real Time access.
- ◆ **Sustainability**
Implementing Eco-friendly practices for long term viability

About Us

Established in 1979

100% subsidiary of
\$6.5 Billion YKK AP Inc.
Japan

Extrusion capacity of
1200 MT / Month
(6" / 8" / 9" - extrusion
press)

In-house Anodizing
capacity of 250 MT /
Month (Italtecno, Italy)

In-house Powder
coating capacity of 350
MT / Month (Nordson,
U.S.)

In-house Machining
Facility with new CNC
Machining Centres from
FOM Industries, Italy

»» Key Highlights

★ SAP Implementation Award



Award winning SAP
implementation
(ECC 6.0) in Metal Sector

★ Online Self-Updating E-catalogue



Instant access to thousands of
profiles listed in different
categories

★ Bhoruka 360 CRM & E Planner



Online order tracking through
Bhoruka 360 CRM portal) and
Planning (E-Planner)

★ Approved Extruder for System Windows



Airclos, AluK, Asahi, Dorma
IWIN, Schueco & others



About YKK AP

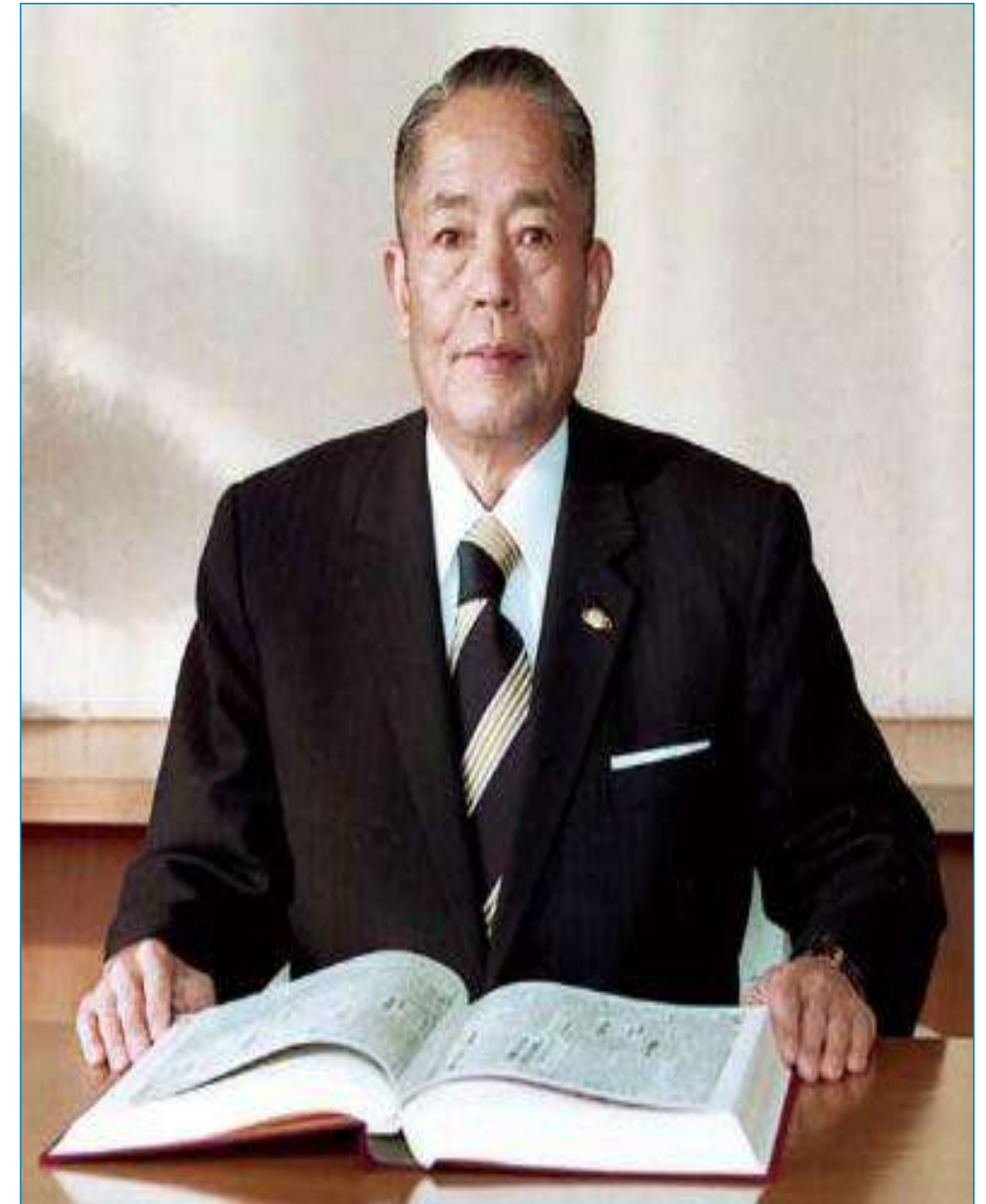
Philosophy



CYCLE OF GOODNESS

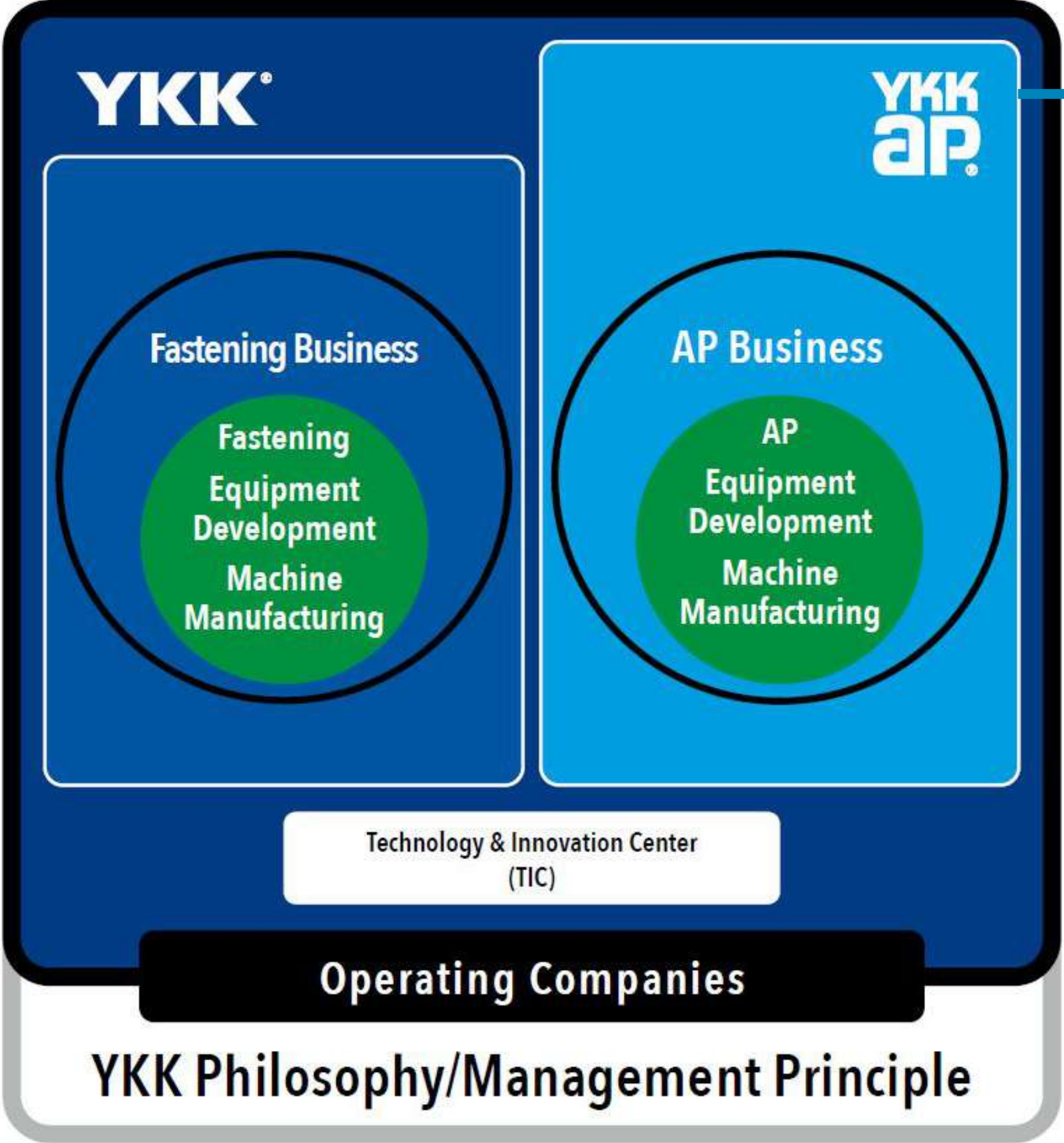
“No one prospers without rendering benefit to others”

If we keep creating **new values by innovative ideas and inventions** through our business activity, we can expand our business. That brings **prosperity to our customers** and business partners, and as a result, we can **make a contribution to society**



Tadao Yoshida
Founder of YKK

YKK Group Structure



BHORUKA
A YKK AP COMPANY



Profile Business

100% made-to-order aluminium extrusion that caters primarily to the building & construction sector & OEM Sector



System Business

IWIN Aluminium Doors and Windows is a home-creation B2B brand designed by YKK AP with Japanese Precision.

About YKK AP

YKK AP was incorporated as a subsidiary of a zipper manufacturing company in 1957. Since entering the architectural products business, it has grown worldwide to become a leading company in its field

Key Information of YKK AP		FY2024
Number of employees	Japan	13,337
	Ratio of men to women (Japan)	Men: 73 % Women: 27 %
	Overseas	4,915
Number of women in management positions	Number of employees	148
	Ratio	6.50%
Employment rate of persons with disabilities (average for each fiscal year)		2.44%
Contribution of Carbon Emmission through high thermal insulation products	vs. FY2020	173%
	Quantity	2292 kt CO2
Number of locations	Japan	194 locations
	Overseas	58 locations
Manufacturing sites	Japan	24 sites
	Overseas	12 sites

Purpose of YKK AP

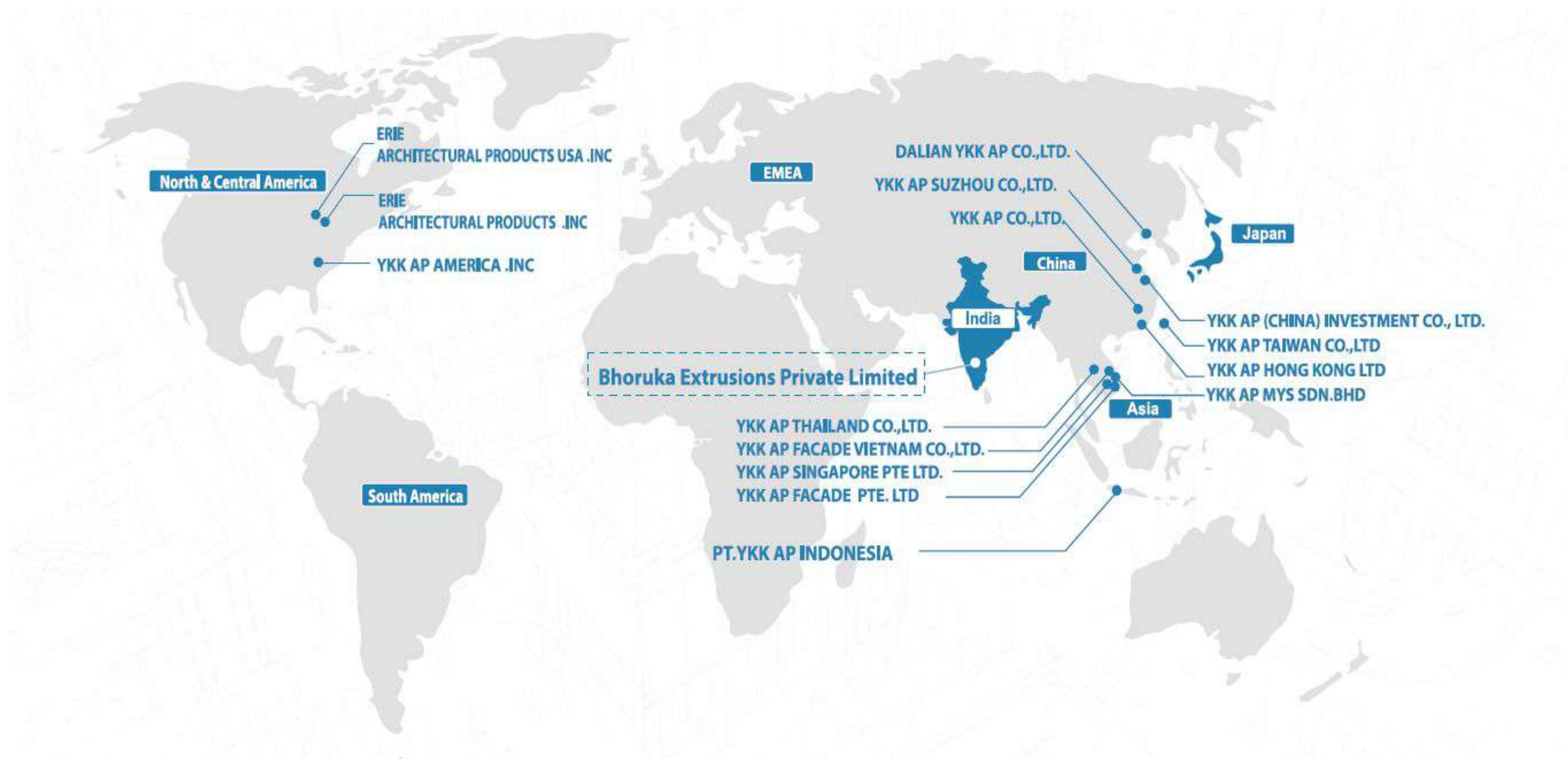
*We Build a Better Society
Through Architectural Products*

With a spirit of curiosity and exploration, we develop architectural products of true value that connect people, planet, and the future.
We want to create a better society, while remaining committed to the art and technology that have always been fundamental to architectural culture

Sales	FY2024
Net sales (consolidated)	\$3.74 billion
Japan	\$3.07 billion
Overseas	\$0.89 billion
Overseas ratio	19%

1USD=150JPY

Global Presence



Why Bhoruka ?

Bhoruka Extrusions is a **45 year old** trusted brand in Aluminum Extrusion Industry which is owned & guided by YKK AP Inc., Japan - one of the largest players in the global façade & fenestration business. Our customers are our most valuable partners. We believe in a customer- centric approach where understanding and addressing customer need is our top priority. We will listen, adapt, and deliver solutions that precisely meet customer requirement.



Technology-enabled value creation

Bhoruka 360 and E-planner offer customers real-time order tracking, estimated dispatch dates and document access.



Compliance & certifications

Bhoruka ensures full compliance with global standards through certifications like ISO, BIS, IGBC,GRIHA, REACH & ROHS



Ensuring high level of reliable OTIF

Using E Planner and streamlined processes to consistently achieve high **On-Time In-Full** (OTIF) reliability.



Total Cost of ownership

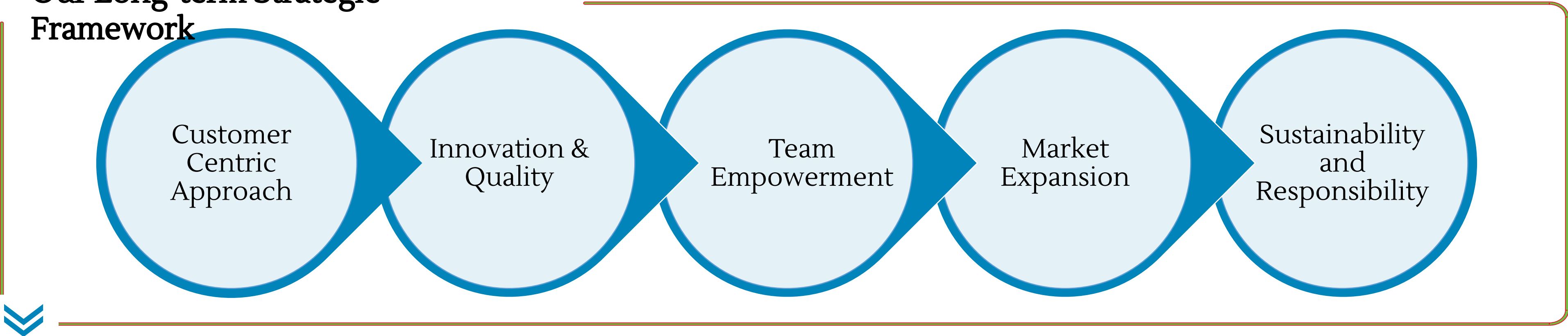
Mean weight billing, dispatch tolerance, and matching section ensure total ownership cost for the customer



Integrated Manufacturing Facility

Integrated Extrusion facility with Toolroom, Anodizing, Powder Coating and machining Unit.

Our Long-term Strategic Framework

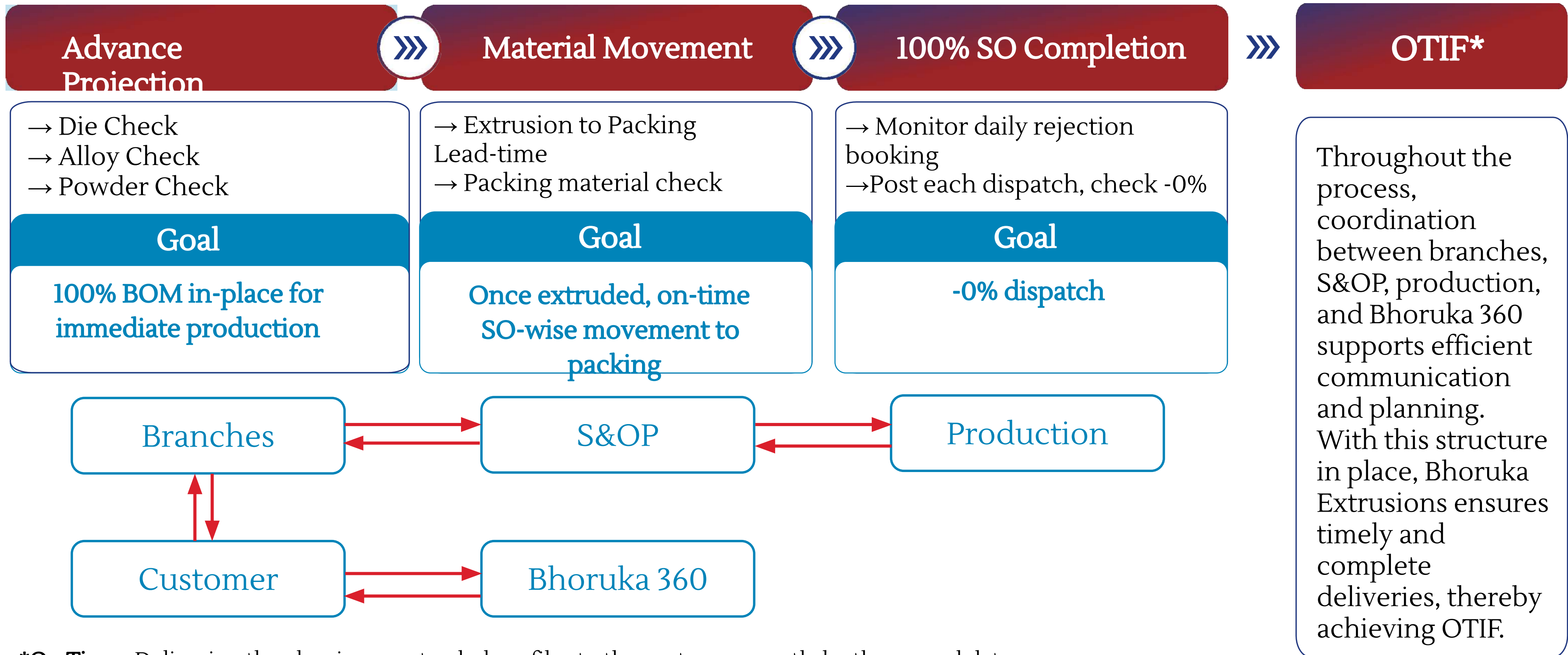


Key Differentiators

Factor	Bhoruka Extrusions	Competitor	Advantage at <u>Bhoruka Extrusions</u>
SO Release	In Pieces	In Kgs	Matches with the Cutting List of Fabricator or Façade Contractor's Software
Weight Measurement	Drawing Mean Weight	Actual Weight	Matches with Tender weight, PO-Invoice consistency, ~3.5% savings on powder weight
Dispatch Tolerance	1-1000 pcs (-0%+5%)/ >1000 pcs (-0%+2%)	+/- 10% in Kgs	Reduced inventory and less total cost
Matching Section	Ageing and Invoice Blocked	No Check.	Reduced inventory at Customers
Order Status	Online through Bhoruka 360 CRM Portal	NA	Customer can track PI-PO-SO-Production-Dispatch online
Estimated Dispatch Date	Through E-Planner in Bhoruka 360 CRM Portal	Excel	Customers can plan operations based on estimated date of dispatch

Key Differentiators

How Bhoruka's planning team optimizes material flow, order & OTIF* fulfillment?



***On Time:** Delivering the aluminum extruded profiles to the customer exactly by the agreed date.

***In Full:** Supplying the complete quantity of extruded profiles as ordered, without any shortages..

Key Differentiators

How Bhoruka’s planning team monitors production to Dispatch Process Flow?

With powerful tools like the **Advance Planning** and **EDD Trackers** , we ensure every Sale Order moves like **clockwork** from SO Release to delivery. At Bhoruka, production to dispatch isn’t just managed, it’s mastered with proactive planning, real-time monitoring, and seamless coordination



Integrated Facility



State-of-the-art
manufacturing facility in
Mysore, Karnataka

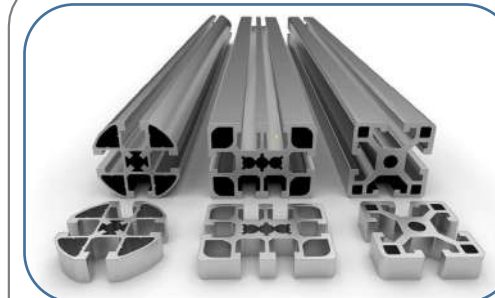


New Development - New
Extrusion Press (HLT)
to be commissioned in
Sep 2025



ToolRoom

- › Equipped with Conventional and CNC Machining Centres



Extrusion

- › Equipped with 6", 8" & 9" Extrusion Press with a Capacity of 1200MT/Month



Anodizing

- › 7 Tank Treatment Plant with Black, Silver, Champagne and Bronze Shades



Powder Coating

- › Hexavalent Chromium Process with any any RAL Shades



Machinin

- › g Machining Centres from FOM Industry Italy



Foundry

- › Oil Fired furnace to cast billets in-house from the in-house rejection

Equipments

TECHNICAL FACT SHEET			
Parameters	Press-1	Press-2	Press-3
MAKE	Wean United (USA)	Year Chang (Taiwan)	Cheng Hua (Taiwan)
Strength of extrusion press (TONS)	1800	1100	2750
Diameter of billet	203 mm	152 mm	228mm & 203mm
Diameter of container	210 mm	158 mm	236mm & 210mm
Diameter of main Cylinder - Inches	37	29.5	44.48
Diameter of small Cylinder - Inches	9	7.087	9.09
Maximum pressure of Press (BAR)	210 BAR	210 BAR	230 BAR
Mark of Billets	6063, 6005, 6105, 6061		6063, 6060, 6101, 6005, 6351, 6061, 6082
(6063-6060)			
Conveyor Length	36Mtrs.	36Mtrs.	50.90 Mts
Type of Billet Oven (gas, diesel, induction)	Hot log shear	Induction	Hot log shear
Type of Puller	Track type	Track type	Track type

TOOL ROOM	
Die types	Solid, Hollow, Semi-hollow
Dia CCD	Solid – 254mm; Hollow-230mm
# of sections	>18,000
Lead Time	Solid - 15 days; Hollow - 21 days
BHORUKA ANODISING	
Make	Italtecno, Italy
Microns	5 to 25
Colors	Silver, Champagne, Bronze , Black
Maximum Length	6400 mm
Finish	Matt, Brush
BHORUKA POWDER COATING	
Pre - Treatment	Chemetall, Germany
Powder Coating	Nordson , U.S.
Spray System	Automatic
Thickness Range	60 To 120 Microns
Colors	All RAL Shades
Type	Metallic / Non Metallic
Gloss	High Glossy, Semi Glossy, Matt
Finish	Plain, Texture
Max Length	7500 mm
MACHINING	
Machining Centres	FMC 340, Blitz Alva-550 Double Head Cutting
Make	FOM Industries, Italy
Operations	Milling, Drilling, Boring, Countersinking, Angle Cutting, Turning & Tapping

Alloy Details

Chemical Composition as Per EN 573-3:2007

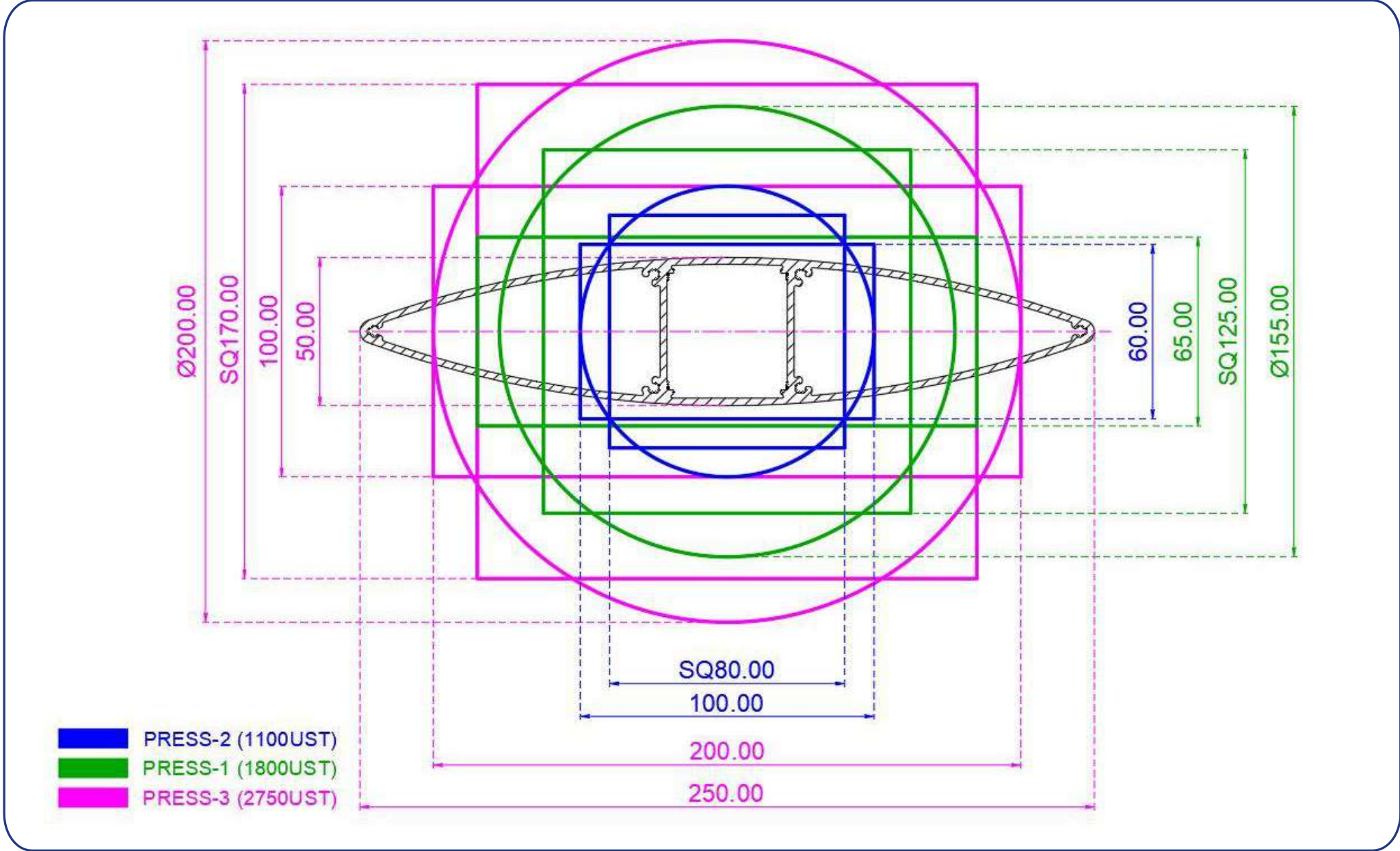
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Aluminum Min
6063	0.20-0.60	0.35	0.1	0.1	0.45-0.90	0.1	0.1	0.1	Remainder
6060	0.30-0.60	0.10-0.30	0.1	0.1	0.35-0.60	0.05	0.15	0.1	Remainder
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	Remainder
6005	0.6-0.90	0.35	0.1	0.1	0.40-0.60	0.1	0.1	0.1	Remainder
6105	0.6-1.0	0.35	0.1	0.15	0.45-0.8	0.1	0.1	0.1	Remainder
6082	0.7-1.3	0.5	0.1	0.4-1.0	0.6-1.2	0.25	0.2	0.1	Remainder
6101	0.30-0.7	0.5	0.1	0.03	0.35-0.8	0.03	0.1	0	Remainder
6351	0.7-1.3	0.5	0.1	0.40-0.8	0.40-0.8	0	0.2	0.2	Remainder

Mechanical properties as per DIN 755-2/IS-1285

Alloy/T6	Tensile Strength, <i>min</i> MPa	Proof Stress <i>min</i> MPa	Elongation A50mm <i>min</i> in %
6060	185	150	7
6101	200	170	8
6063	185	150	7
6005	255	200	15
6105	260	240	8
6061	290	235	7
6351	295	255	7
6082	295	255	7

- ◆ **T4 Temper**
Solution heat treated & naturally aged
- ◆ **T5 Temper**
Cooled from hot working and artificially aged (at elevated temperature)
- ◆ **T6 Temper**
Heat-treated and artificially aged
- ◆ **T66 Temper**
Heat-treated and artificially aged using a special process to improve mechanical properties

Extrusion Range



- Unique Identification mark in all new profile developments (since 2015)
- It will be located at only non-functional and unexposed/hidden area of the profile.
- This Identification mark will be prominent throughout the profile length (utilizing only 0.3mm thickness)
- ID mark will be non-functional/ un-exposed area)

8"--Press-1 (1800UST)

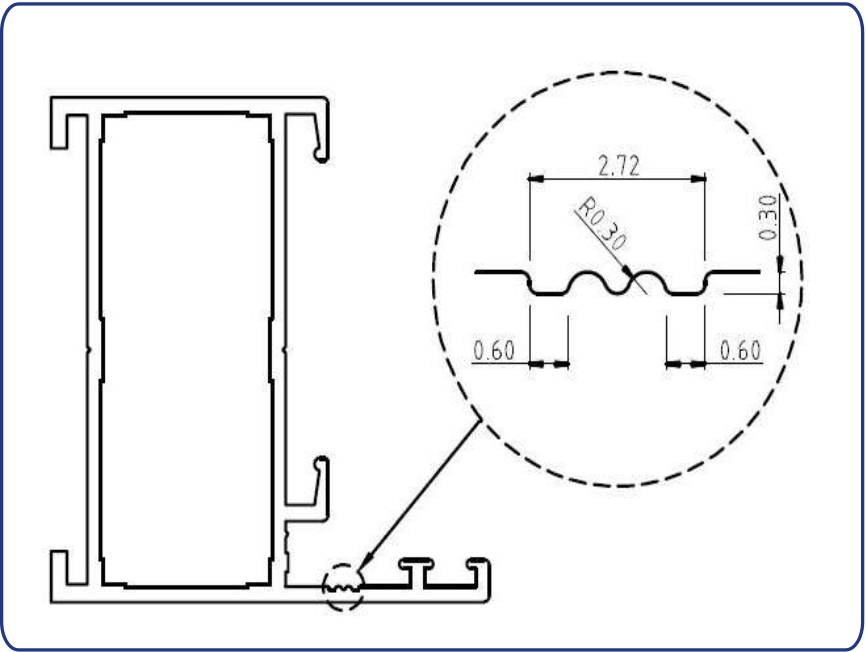
Square	125x125mm
Rectangle	170x65mm
Circle	Ø155mm

6"--Press-2 (1100UST)

Square	80x80mm
Rectangle	100x60mm
Circle	Ø100mm

9"--Press-3 (2750UST)

Square	170x170mm
Rectangle	200x100mm
Circle	Ø200mm
Elliptical	250x50mm



Serving Industries

Leveraging a broad portfolio and competitive edge to deliver excellence in construction, automotive, and renewables.

Building & Construction Segment



- ◆ Made-to-order aluminium extrusions for façades, curtain walls, and cladding system in different size and finishes.
- ◆ Our catalogue contains more than 18,000 sections that Bhoruka has developed by virtue of being in the industry for more than 44 years



- ◆ We hold the unique distinction of supplying high-quality aluminium extrusions to globally reputed Door Window systems as follows:
- ◆ Airclos, AluK, Asahi, Dorma, IWIN, Schueco and others.

OEM / Industrial Segment



Diverse Portfolio

- › Solar Panels
- › Automotive
- › Electrical and Electronic Equipments
- › Machine Members

Bhoruka's Competitive Edge

- › Under One Roof –EXT, PC/ANO, FAB
- › Compliance and Certifications
- › Total Cost of Ownership
- › Sustainability

Automotives

- › Roof Rails
- › Nudge Guards
- › EV Battery Enclosures

Scale Opportunity

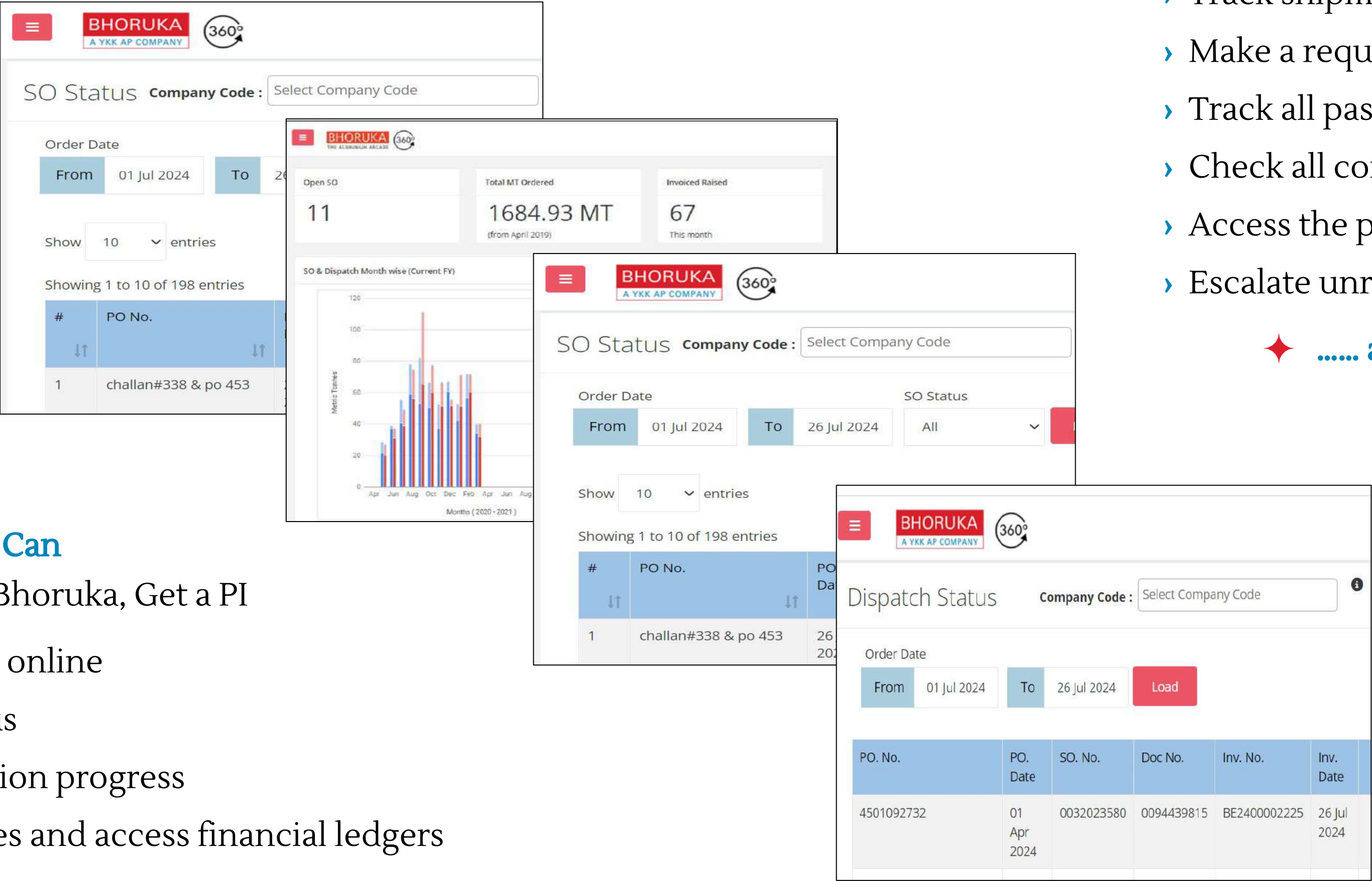
- › Expand to other OEMs
- › Target Renewable Energy Sectors

Bhoruka 360

Leveraging on Technology - [Bhoruka 360](#) - The Industry first CRM module for the customer.

- › Track shipments
- › Make a request for factory visit
- › Track all past transactions and invoices
- › Check all contracts and agreements
- › Access the product catalogue
- › Escalate unresolved issue

♦ all on real-time basis



♦Our Customers Can

- › Release PO to Bhoruka, Get a PI
- › Approve the PI online
- › Check SO status
- › Check production progress
- › Check deliveries and access financial ledgers

3D Printing

Industry's First Extruder to have 3D Printing Technology



- › FFF printing technology with auto platform calibration.
- › Print up a 60-micron resolution with a 0.25mm nozzle.
- › Comes in various sizes. The machine has a build volume of 300mm x 300mm x 400mm

3D Printed Samples developed prior to Die Development



- › Customers can test the product for snap/slide fitment or gasket development prior to die manufacturing
- › Visualize and test the profile's form and fit quickly before committing to die manufacturing.

Eco-friendly Manufacturing

At Bhoruka Extrusions, sustainability isn't just a goal-it's a responsibility we live by every day. Every product we supply is ROHS & REACH compliant, proving that safety and responsibility can go hand in hand.

Here's how we're making a difference:



Our 16-acre manufacturing facility is home to **260+ trees**, reflecting our commitment to a greener and more sustainable environment



Our **Press-3 facility** is equipped with Roof-top-Solar which has the capacity to generate the Solar power of **418KWP**



Introduced **biodegradable poly cover packing** for aluminium profiles, made from renewable materials which is Fully decomposable, eco-safe alternative to HDPE



Implemented sustainable practices including **75% aluminium chip recovery**, 95% **treated water reuse**, 20% packaging reduction, **biogas** from canteen waste, **ETP sludge reduction**, and CNG fleet with solar energy.

Certifications

Quality Compliance

Bhoruka Extrusions ensures strong quality compliance, holding ISO - QMS certification, BIS licenses and Work Approvals Certificate from Indian Register of Shipping for stringent quality standards

ISO 9001: 2015 for QMS from Bureau Veritas



BHORUKA EXTRUSIONS PVT. LTD.

BHORUKA
A YKK AP COMPANY

NO. 1, KRS ROAD, METAGALLI, MYSURU – 570 016, KARNATAKA, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard

ISO 9001:2015

Scope of certification

MANUFACTURE OF MILL FINISH, ANODIZED AND POWDER COATED ALUMINIUM EXTRUSIONS IN STANDARD AND FUNCTIONAL SHAPES FOR STRUCTURAL / ARCHITECTURAL COMPONENTS, TRANSPORT, TEXTILE AND ELECTRICAL INDUSTRIES

Original cycle start date: **12 March 1995**
Recertification cycle start date: **09 December 2024**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **12 December 2027**

Certificate No: **IND.24.2447/QM/U** Version: **1** Issue date: **09 December 2024**

For certificate authenticity, click here <https://certcheck.ukas.com/>

ISO 9001 IN049168

UKAS
MANAGEMENT SYSTEMS
0006

Signed on behalf of BVCH SAS UK Branch
Jagdeep N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Mund Industrial Area, MIDC Cross Road 'C',
Andheri (East), Mumbai – 400 053, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check the certificate validity please call + 91 22 6274 2000.

BIS License for Quality Compliance – IS 733



भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

For any other communication

Address: Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bangalore - Tumkur
Road, Bangalore, BANGALORE
RURAL,KARNATAKA,560058

Phone: 08028394955
Fax: 08028398841
E-Mail: bnbo@bis.gov.in
Web: www.bis.org.in,
www.manakonline.in

Our Ref:BNBO/CM/L 6200220480 Dated: 26-11-2024

Subject: Grant of BIS Certification Marks Licence No 6200220480 as per IS 733:1983.

M/S BHORUKA EXTRUSIONS PRIVATE LIMITED
No-01, K.R.S. Road, Metagalli Industrial Area,Mysuru,MYSORE,MYSORE,KARNATAKA,INDIA 570016

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Wrought Aluminium and Aluminium Alloy Bars, Rods and Sections (for General Engineering Purposes)

Product:-

Grade/Class/Type/Variety
Name of the product: Wrought Aluminium and Aluminium Alloy Bars Rods and Sections For General Engineering Purposes as per IS 733 for following scope 1 Type of section Regular Section Dimensions Sizes Width 11 mm to 260 mm Thickness 0.9 mm to 20 mm Condition Temper designations T6 Designation 63400 64430 65032 2 Type of section Rod Dimensions Sizes Diameter 5 mm to 120 mm Condition Temper designations: T4 Designation 63400 64430 65032 3 Type of section Rod Dimensions Sizes Diameter 5 mm to 120 mm Condition Temper designations T6 Designation 63400 64430 65032 4 Type of section Bar Dimensions Size Width 10 mm to 300 mm Thickness 2 mm to 20 mm Condition Temper designations T4 Designation 63400, 64430, 65032 5 Type of section Bar Dimensions Sizes Width 10 mm to 300 mm Thickness 2 mm to 20mm Condition Temper designations T6 Designation 63400 64430 65032 6 Type of section Regular Section Dimensions Sizes Width 11 mm to 260 mm Thickness 0.9 mm to 20 mm Condition Temper designations T4 Designation 63400 64430 65032 7 Type of section Irregular section Dimensions Sizes Width 15 mm to 250 mm Thickness 1.5 mm to 20 mm Condition Temper designations T4 Designation 63400 64430 65032 8 Type of section Irregular section Dimensions/Sizes Width 15 mm to 250 mm Thickness-1.5 mm to 20 mm Condition Temper designations T6 Designation 63400 64430 65032

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2.The number assigned to this licence is CM/L- 6200220480 which has been made operative from 2024-11-13 and is valid upto 2025-11-12. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with

BIS License for Quality Compliance – IS 1285



भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

For any other communication

Address: Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bangalore - Tumkur
Road, Bangalore, BANGALORE
RURAL,KARNATAKA,560058

Phone: 08028394955
Fax: 08028398841
E-Mail: bnbo@bis.gov.in
Web: www.bis.org.in,
www.manakonline.in

Our Ref:BNBO/CM/L 6200220379 Dated: 26-11-2024

Subject: Grant of BIS Certification Marks Licence No 6200220379 as per IS 1285:2023.

M/S BHORUKA EXTRUSIONS PRIVATE LIMITED
No-01, K.R.S. Road, Metagalli Industrial Area,Mysuru,MYSORE,MYSORE,KARNATAKA,INDIA 570016

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

WROUGHT ALUMINIUM AND ALUMINIUM ALLOYS EXTRUDED ROUND TUBE AND HOLLOW SECTIONS FOR GENERAL ENGINEERINGPURPOSES SPECIFICATION

Product:-

Grade/Class/Type/Variety
Name of the product: Wrought Aluminium and Aluminium Alloys-Extruded Round Tubeand Hollow Sections for General Engineering Purposes as per IS 1285 for following varieties 1 Type of section Round Tube Dimensions Sizes Outside Diameter 8 mm to 200 mm Wall Thickness 1.3 mm to 6 mm Condition Temper designations T4 Designation 63400 64423 64430 65032 2 Type of section Round Tube Dimensions Sizes Outside Diameter 8 mm to 200 mm Wall Thickness 1.3 mm to 6 mm Condition Temper designations T6 Designation 63400 64423 64430 65032 3 Type of section Hollow Sections Dimensions Sizes Outside Width 10 mm to 275 mm Outside Height 10 mm to 70 mm Wall Thickness 1.5 mm to 10 mm Condition Temper designations T4 Designation 63400 64423 64430 65032 4 Type of section Hollow Sections Dimensions Sizes Outside Width 10 mm to 275 mm Outside Height 10 mm to 70 mm Wall Thickness 1.5 mm to 10 mm Condition Temper designations T6 Designation 63400 64423 64430 65032

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2.The number assigned to this licence is CM/L- 6200220379 which has been made operative from 2024-11-13 and is valid upto 2025-11-12. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with effect from 2024-11-13 for the period of validity of the licence licence in advance.

Indian Register of Shipping Works Approval Certificate

PROVISIONAL



Indian Register of Shipping

Certificate No.: 2025WAC016

WORKS APPROVAL CERTIFICATE

This is to certify that based on the existing manufacturing facilities and satisfactory assessment of manufacturing and quality control procedures by our Surveyors, the name of

BHORUKA EXTRUSIONS PVT LTD,
No. 1 K.R.S. Road, Metagalli, Mysore, Karnataka - 570016

is included in the list of approved works in accordance with the relevant requirements of rule(s)/standard(s)/code described below.

WORKS TYPE	: MANUFACTURER OF ALUMINIUM SECTIONS
PRODUCT TYPE	: MANUFACTURER OF SECTIONS OF WROUGHT ALUMINIUM ALLOYS
APPLICABLE RULE(S)/STANDARD(S)/CODE:	: Part 2 Chapter 9 of IRS Rules and Regulations for the Construction and Classification of Steel Ships, July 2024
SCHEDULE OF APPROVAL	: SEE ANNEXURE I

This Certificate is Valid until : 10/09/2026

PLACE OF ISSUE: MUMBAI

DATE OF ISSUE: 11/09/2025

LOCAL SURVEY OFFICE: CHENNAI

FOR, INDIAN REGISTER OF SHIPPING

For Indian Register of Shipping
Digitally Signed By: Uday Anandkumar
Place: Mumbai
Date: 11/09/2025 ddtm:09/09/25

Principal Surveyor

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-
Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committee use their best endeavours to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents nor warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss, damage or expense whatsoever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and however caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.
Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.

Form No.: IRS_WAC_QC (Rev.2)

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IRS/2025/2025WAC016/22766

Certifications

Environmental sustainability and compliance

Bhoruka Extrusions is committed to environmental sustainability by aligning its practices with IGBC and GRIHA green building standards, and ensuring product compliance with RoHS and REACH environmental regulations

GRIHA Certified for Aluminium Extrusions & IWIN Doors & Windows



GRIHA Council
This is to certify that the products of

“Bhoruka Extrusions Private Limited”

IWIN Range of Aluminium Doors and Windows
(Under Typology: Doors & Windows: panels and frames)

have been included in the GRIHA Product Catalogue under the following categories:

GRIHA V.2015 criterion: 21 & SVAGRIHA criterion: 12
and
Aluminium extrusions
(Under Typology: Innovation products)

has been included in the GRIHA Product Catalogue under the following categories:

GRIHA V.2015 criterion: 31 & SVAGRIHA criterion: 14

The products can be used in GRIHA & SVA GRIHA registered projects to meet the GRIHA & SVA GRIHA norms, respectively. This is valid only for the products which have been mentioned above.

The certificate for the above-mentioned products is valid from

24th May 2024 – 23rd May 2026



Sanjay Seth
Vice President & Chief Executive Officer

Note:
1. Before selecting the above specified products, it is recommended to revalidate that the project is meeting the GRIHA's mandatory compliances.
2. This evaluation has been done based on the documentation – in the form of 3rd party test results and/or declarations – submitted by the manufacturer to GRIHA Council.
3. The enlisted product(s) only qualify for the criterion mentioned in the certificate.

GRIHA Council is a joint initiative of Ministry of New and Renewable Energy, Government of India and The Energy and Resources Institute (TERI) to implement GRIHA (Green Rating for Integrated Habitat Assessment), India's National Rating System for Sustainable Habitats.
www.grihaIndia.org

IGBC Certified for Aluminium Extrusion & IWIN Doors & Windows



Membership Certificate

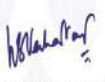
This is to certify that

Bhoruka Extrusions Pvt Ltd

is an Annual Member of Indian Green Building Council (IGBC)

Bearing Membership No **IGBCMM170151**

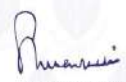
This certificate shall be valid up to **December 2025**



K S Venkatagiri
Executive Director
CIIL - IGBC



B Thiagarajan
Chairman
Indian Green Building Council



C Shekar Reddy
Vice Chairman
Indian Green Building Council

Indian Green Building Council
CIIL - Saharaj Godej Green Business Centre, Survey No. 64, Near Hitech City, R.R. Dist, Hyderabad - 500 084
T: +91 40 4418 5132 / 33 F: +91 40 4418 5189 E: igbc@ciil.in W: igbc.in

REACH Compliant for Mill Finish & Anodized Finishes from TUV India



Test Report

Report No : TUV(I)/NL-145/25-26/NL-0525000151 PII

Date : 14 May 2025

Name and address of customer : Bhoruka Extrusions Pvt Ltd
#1,KRS Road, Metagalli,
Mysore
Pin Code: 570016

Reg No. : NL-145/25-26

CA No. : NL-0525000151

Name of the sample : Recycle more than 75% aluminium content-BSM -(Silver)Anodising

Batch No. : Grade :- 6063-T6 Alloy - Color :- BSM-(SILVER)

Discipline : Chemical

Product Category : Metal

Date of sample receipt : 06 May 2025

Date(s) of analysis : 08 May 2025 - 14 May 2025

Objectives of Examination : As requested by client, SVHC screening is performed according to:
(i) Two hundred and Forty-Seven (247) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA)
Regulation (EC) No 1907/2006 concerning the REACH.
Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information.

REACH Requirement :

Results Summary:
According to the specified scope and evaluation screening, the results of SVHC are Below 0.1 % (w/w) in the submitted sample. PASS

Authorized by
Rabindra Samal,
Assistant Manager- Operation – ACMT Lab



TUV India Private Limited
Registered & Head Office: 801, Rajeev Plaza-1, L.B.S. Marg, Chhatkopar (W), Mumbai - 400 086 • CIN: U74140MH1989PTC052930
Laboratory Address: 1st Floor, A72, Block A, Sector 64, Noida, Uttar Pradesh - 201305
Phone No: 0120 - 4634210 • Toll free: 1800-209-0902 • E-mail: acmtlab@tuv-nord.com • URL: www.tuv-nord.com/in

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RoHS Compliant for Mill Finish & Anodized Finished from TUV India



Test Report

Report No : TUV(I)/NL-145/25-26/NL-0525000150 PI

Date : 14 May 2025

ULR : TC1382225000002794F

Name and address of customer : Bhoruka Extrusions Pvt Ltd
#1,KRS Road, Metagalli,
Mysore
Pin Code: 570016

Reg No. : NL-145/25-26

CA No. : NL-0525000150

Name of the sample : Recycle more than 75% aluminium content-Black Anodising

Batch No./ Code no. : Grade :- 6063-T6 Alloy
Color :- BLACK

Discipline : Chemical

Product Category : Metal

Date of sample receipt : 06 May 2025

Date(s) of analysis : 08 May 2025 - 14 May 2025

Sample drawn by : Customer

Objectives of Examination : As per RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Requirement : RoHS 10E

Results Summary:
Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) Comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Authorized by
Rabindra Samal,
Assistant Manager- Operation – ACMT Lab



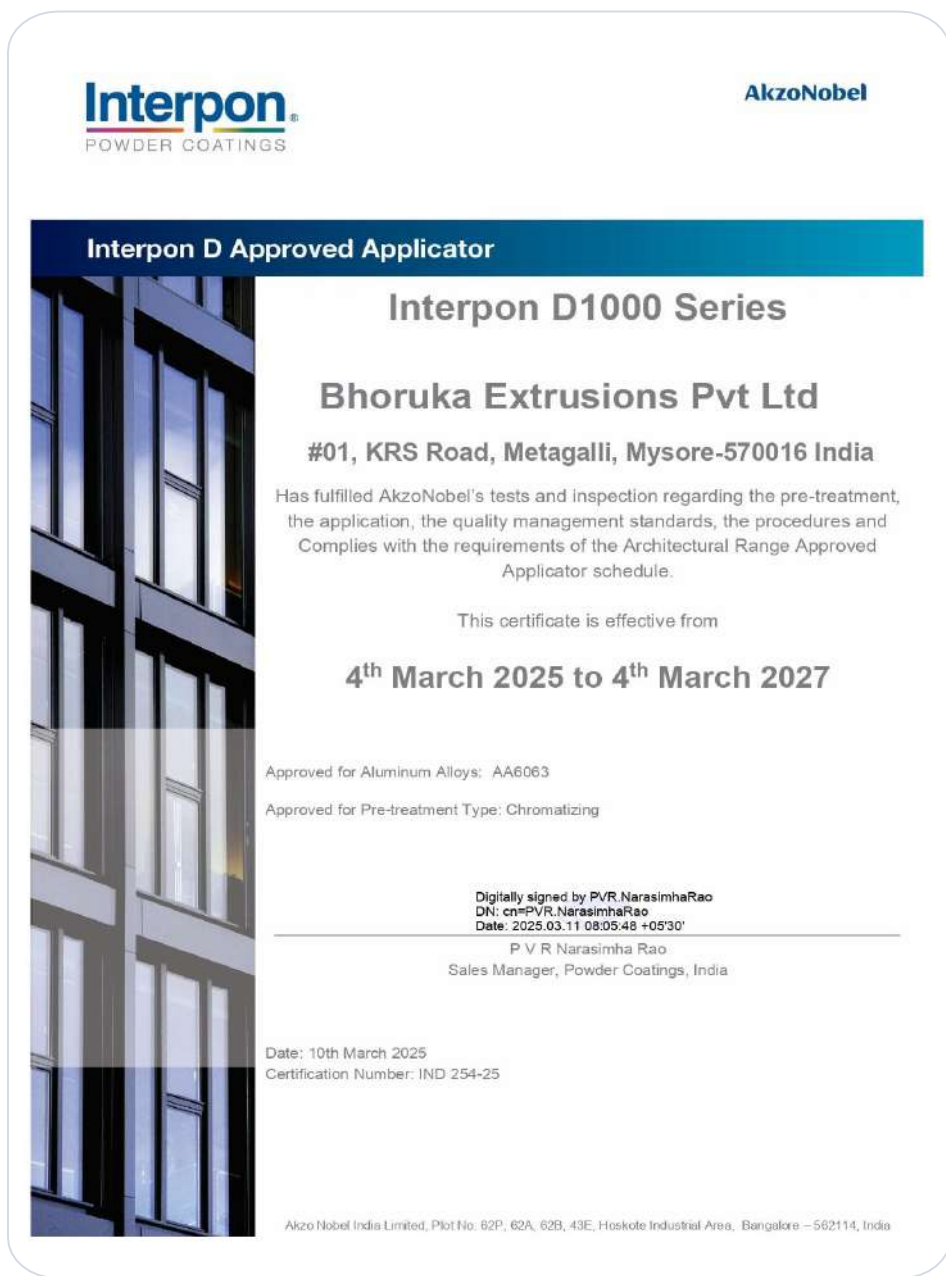
TUV India Private Limited
Registered & Head Office: 801, Rajeev Plaza-1, L.B.S. Marg, Chhatkopar (W), Mumbai - 400 086 • CIN: U74140MH1989PTC052930
Laboratory Address: 1st Floor, A72, Block A, Sector 64, Noida, Uttar Pradesh - 201305
Phone No: 0120 - 4634210 • Toll free: 1800-209-0902 • E-mail: acmtlab@tuv-nord.com • URL: www.tuv-nord.com/in

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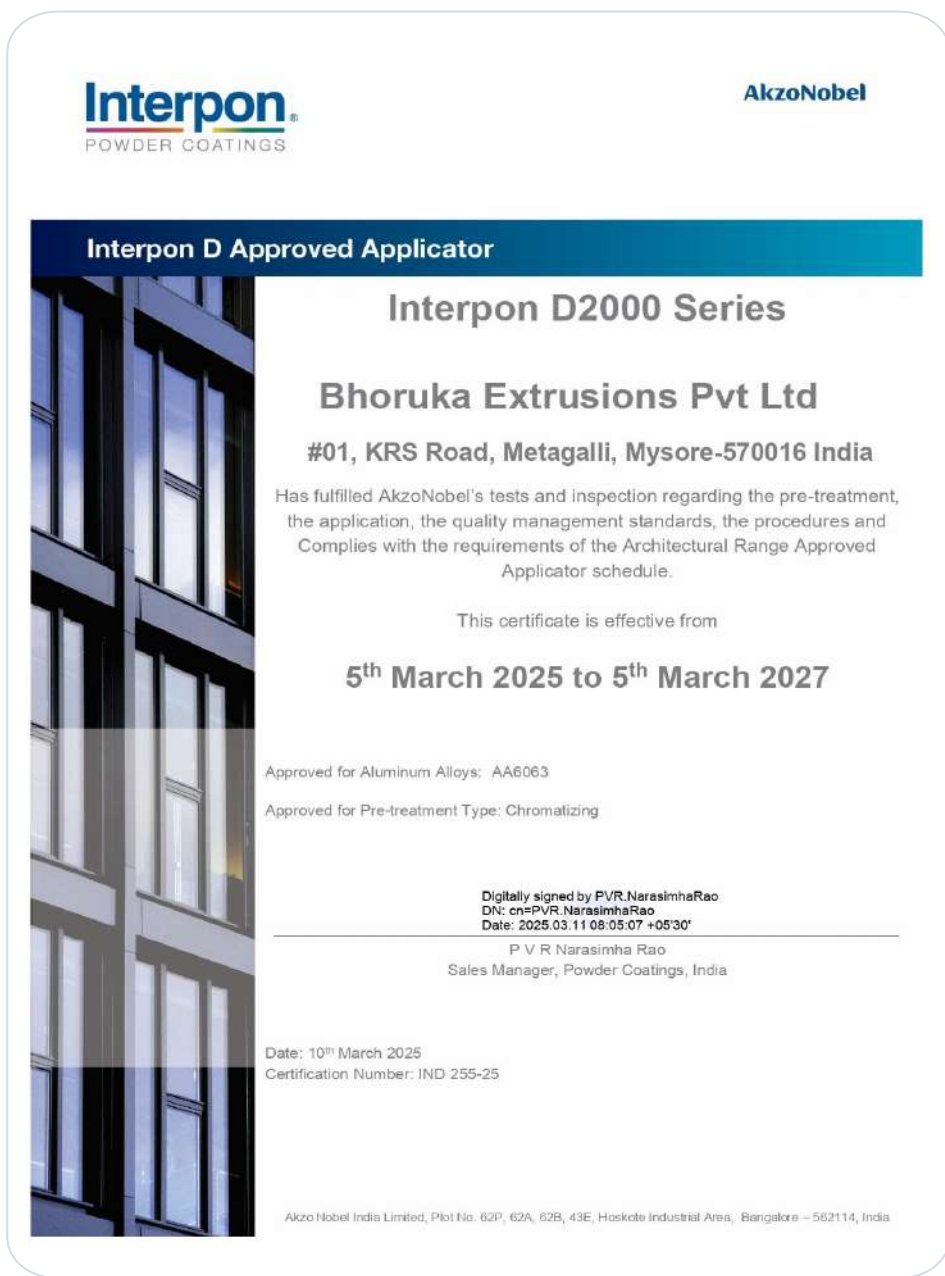
Certifications Akzonobel - Approved Applicator

Bhoruka Extrusions is an approved applicator for AkzoNobel's Interpon D series -D1000, D2000, and D3000 - offering warranty periods of 15, 25, and 30 years respectively.

Interpon D Approved Applicator D1000 -AAMA 2603



Interpon D Approved Applicator D2000 -AAMA 2604



Interpon D Approved Applicator D3000 -AAMA 2605



Certifications

Jotun - Approved Applicator

Bhoruka Extrusions is an approved applicator for Jotun’s Façade, Super Durable Series & Durasol series - offering warranty periods of 15, 25, and 30 years respectively.

Jotun’s Façade Series

Certificate of Approval

Bhoruka Extrusions Pvt. Ltd.
No.1 KRS Road, Metagalli, Mysore - 570016

is certified as an Approved Applicator to coat

Jotun Façade Series

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings standards.

Date: 1st January 2025
(Certificate valid for one year from above date)

Authorized Signatory
Jotun India Pvt. Ltd.

Jotun’s Super Durable Series

Certificate of Approval

Bhoruka Extrusions Pvt. Ltd.
No.1 KRS Road, Metagalli, Mysore - 570016

is certified as an Approved Applicator to coat

Jotun Super Durable Series

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings standards.

Date: 1st January 2025
(Certificate valid for one year from above date)

Authorized Signatory
Jotun India Pvt. Ltd.

Jotun’s Durasol Series

Certificate of Approval

Bhoruka Extrusions Pvt. Ltd.
No.1 KRS Road, Metagalli, Mysore - 570016

is certified as an Approved Applicator to coat

Jotun Durasol Series

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings standards.

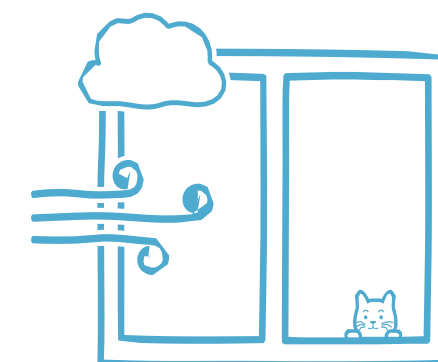
Date: 29th May 2025
(Certificate valid for one year from above date)

Authorized Signatory
Jotun India Pvt. Ltd.



IWIN-S Aluminium Doors and Windows is a home-creation B2B brand designed by **YKK AP** with **Japanese Precision**. These are system windows tested **for air, water, and sound** performance, suitable for both residential and commercial projects.

- ◆ Profiles are manufactured and coated In-house at Bhoruka Extrusions
- ◆ Hardwares / Parts and Accessories are manufactured In-house at YKK AP
- ◆ Global Assurance, Japanese Excellence & Comprehensive In-house Capabilities



Structural
Wind load
2.5Kpa



Water
Tightness
300/350/600 Pa



Air
Infiltration
1.2m³/h·m²

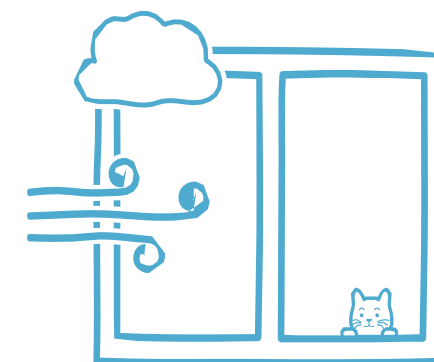


Sound
Insulation
-30dB(Grade 2)



IWIN-E is our **new fenestration series** combining economic appeal and functionality. Designed for spaces with indirect environmental exposure

- ◆ Profiles are manufactured and coated In-house at Bhoruka Extrusions
- ◆ Hardwares / Parts and Accessories are manufactured In-house at YKK AP
- ◆ Global Assurance, Japanese Excellence & Comprehensive In-house Capabilities



Structural
Wind load
1.2Kpa



Water
Tightness
150 Pa



Air
Infiltration
1.2m³/h·m²



Sound
Insulation
-30dB(Grade 2)

HO & Branch Details

Bhoruka Extrusions Pvt Ltd
No 1, KRS Road, Metagalli Industrial
Area, Metagalli, Mysore-570016

◆ Head-office

Mysore, Karnataka
Mr Pavan Kumar B

pavan_kumar@bhorukaextrusions.com
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◆ Bangalore Branch Office

Mr Vicky Appaiah

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+91-9731110088



◆ Chennai Branch Office

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◆ Delhi Branch Office

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◆ Hyderabad Branch Office

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◆ Pune Branch Office

Mr Rajesh

rajesh_varshney@bhorukaextrusions.com
+91-9980713838



Extruding Excellence !