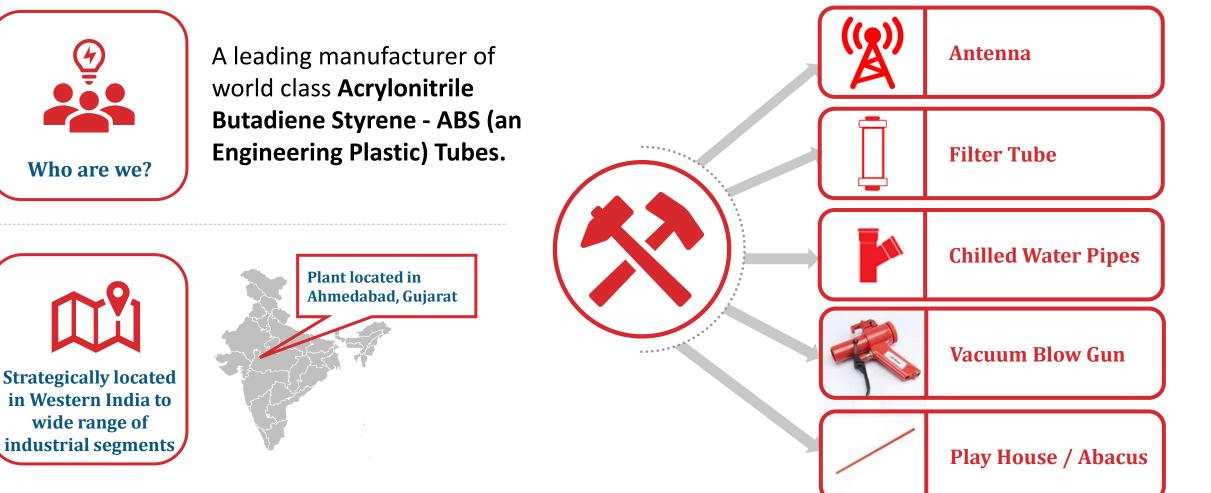


#### **About Samruddhi Engineering** 2+ decades of precision

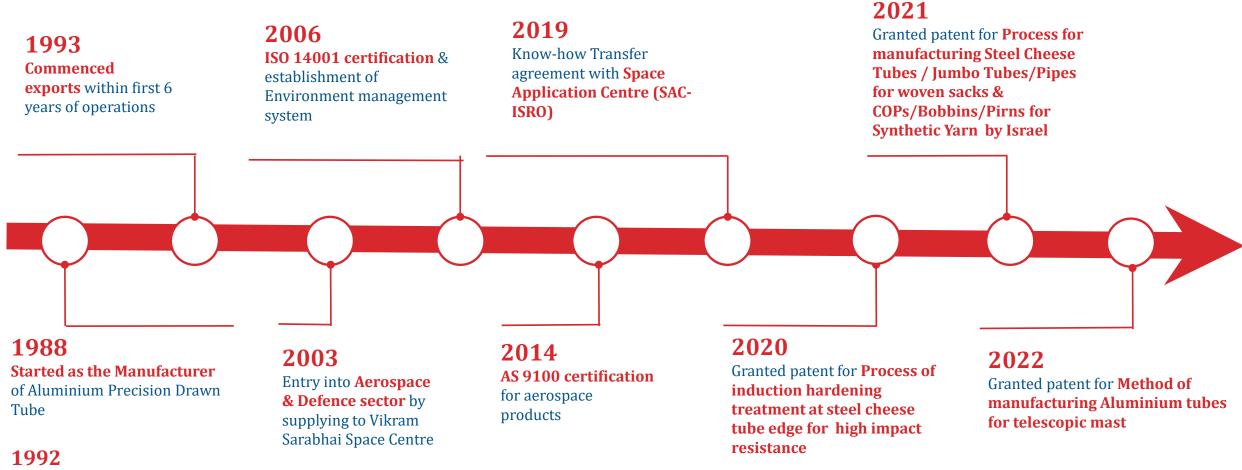


Our products are used across multiple industries —



# Our innovation led Journey that aimed import substitution for India...



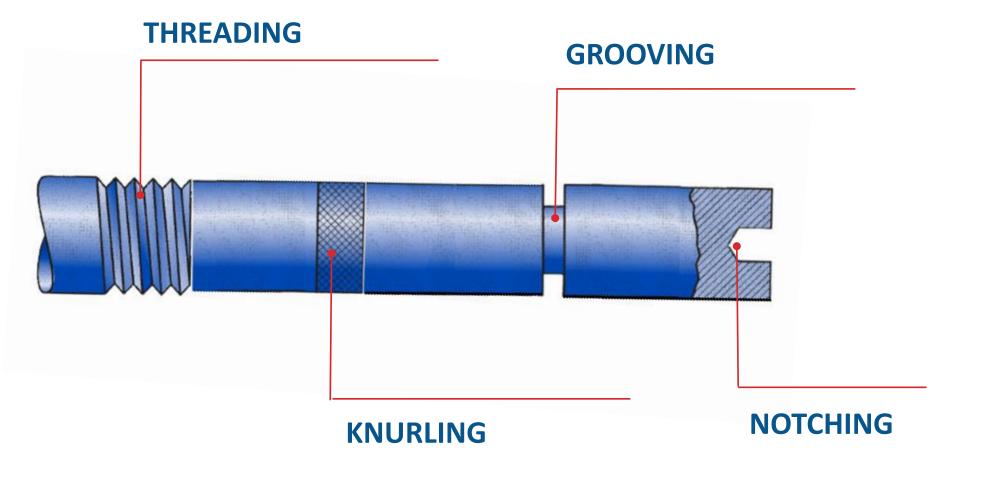


#### **Diversified to manufacture of metal cops** (bobbins/pirns) for synthetic yarn winding

### Various operations possible on ABS



During the manufacturing of a part, a variety of machining operations and processes are needed to performed so as to acquire desired output. Few of them are **Threading**, **Knurling**, **Grooving**, **Notching**, **Plating**, and other thermo forming operations.





## **Our manufacturing & quality assurance capabilities**



# ..that helps us manufacture wide range of products







#### **ABS Tubes - Range Options**







#### **ABS Tubes**





NATURAL, BLUE, GREY, GREEN, BLACK, VIOLET, RED & MANY OTHER

COLOR OPTIONS

#### **FILTER TUBES**

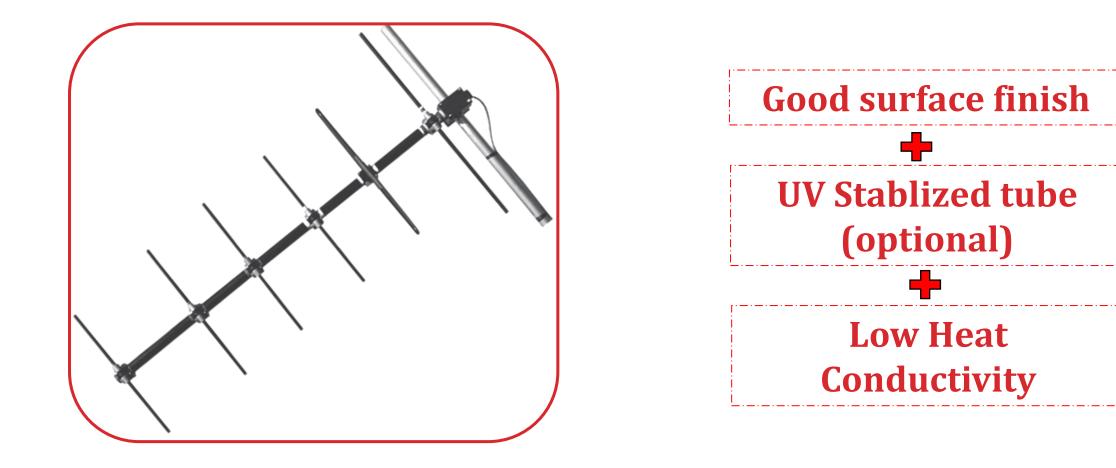






#### ANTENNA





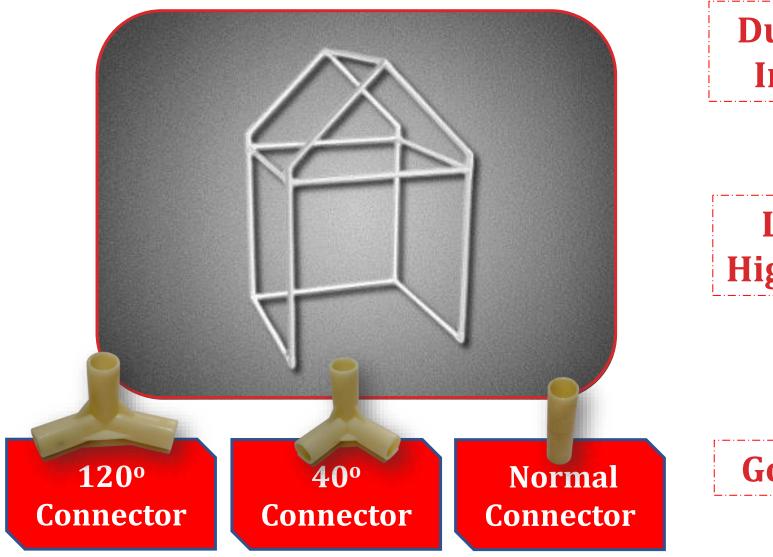
#### **VACUUM BLOW GUN**





#### **CHILDREN PLAY HOUSE & OTHER TOYS**





#### Durable due to high Impact resistance



## Light weight with High Tensile Strength



### **Good Surface Finish**

### **Awards & Certifications**



#### **50+ awards** and counting



**Export Excellence** 

STATE BANK OF INDIA



**Research & Development** 



**Banker'** award

Make in India award



**Entrepreneurship** 



**Gold Medals from** SAME (2009, 2017)



IAF

Issue Date: June 26, 2023 Reissue Date: N/A

> Greg Bates Page 1 of 2

AS 9100D

ISO 9110:2015 **Ouality Management** 

TÜV SÜD America Inc + 401 Edgewater Place, Suite 500 + Wakefield, MA 01880 USA + www.TUVSUD.com

Br

**Certifications** 

in accordance with ISO 14001:2015 for the scope of Manufacture and Supply of Cold Drawn Aluminium Tubes Rods, Profiles, Tube in Coll Form & Cheese Tubes, The certificate is valid from 2023-06-19 until 2026-06-18 Subject to successful completion of annual periodic audits if this certificate can be obtained through TUV SUD website by scanning be CERTIFICATE Certificate Registration No. 99 104 01575 Date of Initial certification: 2017-06-19 Issue Date: 2023-06-09 Rev. 00 ZERTIFIKAT • 諁

ISO 14001:2015 **Environment management** 

#### High focus on R&D and Innovations

Spends around 5% of revenue on R&D

### **3 Patents Received**

प्रेटेंट अगिनियम 96100 के उपनंती के अनुसार जान तारीख 23rd da

**Process of induction hardening** 

treatment at steel cheese tube edge

for high impact resistance

**INDIA** 



# DATENTED

Process for Manufacturing Steel Cheese tubes/ jumbo tubes/ pipes for woven-sacks and cops/ bobbins/ pirns for synthetic yarn

4 applications are in process

דינת ישראל

PATENTED

 Image: State of the test of tes

2014 के बीहतवे दिन से झीस वर्ष की आवधि के लिए पेटेंट आनहत

Method of manufacturing Aluminium tubes for telescopic mast

India Pi

ROPERTY INDIA

Process for **manufacturing of Aluminium alloy cheese tube**, cheese pipe or bobbin for woven sack



Process for **manufacturing steel cheese tubes**, jumbo tubes, pipes for woven sacks and cops, bobbin, pirns for synthetic yarn



Process for manufacturing of steelcops/ bobbins/ pirns for synthetic yarn



A process for **Preventing Deformation** in the ends **of Jumbo Aluminium Tubes** 



**State-of-the-art manufacturing facility** with robust quality management processes that ensures reliability and consistency

Our commitment to manufacture products that have enhanced features for higher functional performance

Why **Siddhi Group** is best suited partner for your business

In-house product development capabilities & customization to embedded in strong in-house research and development

**Our demonstrated success of delivery in import substitution in 30+** years

Our partnership centric approach with our customers to solve their deepest problem in cost-effective and efficient way (E.g. ISRO, DRDL,BAPL etc.)

# Successful client case studies of co-development, innovation and problem solving



**Supporting SAC(ISRO)** to design and build efficient and cost-effective satellite payload systems

**Context: SAC(ISRO)** wanted low weight substitutes for Brass/Copper/Aluminium-based waveguide tube of thickness 1.2 mm

**Approach:** Siddhi Engineers innovated & developed 0.63 mm thick aluminium based waveguide tubes



Helping Israel-based textile player in developing cost-effective bobbin to save reverse logistics cost

**Context:** Nilit used heavy metal cops that led to cost (reverse logistics) and supply chain hassles (inventory management, paper work, etc.)

**Approach:** Samruddhi Engineers re-designed & commercialized optimal grade steel tubes



# **2 pronged approach to drive research and development within the group**



#### Collaboration and partnership with institutions to drive research and development



# Building culture of innovation and continual improvement

Monthly cadence of idea generation by involving shopfloor manpower (Karmayogi) to improve **product and processes** 

Have developed **full time in-house innovation team** to drive change in equipment, process and products

Development of unique product features (light weight, better tolerance, optimal alloy composition, exceptional concentricity, etc.)

# Innovation and Culture Building Practices being adopted





**Daily Exercise, Prayer and Good News Sharing** 

#### **Quarterly Karmayogi Meet**

**Graveyard for negative thoughts** 

Book distribution every month to all team members with their salary





### Media Coverage



#### Siddhi Engineers awarded for outstanding entrepreneurship



#### 15 State-Based MSMEs Receive Awards From Centre For Innovation, Quality

Himanshu Darj Arthrendson) cheaper than the earlier ones imported from Proce SMALL is sometimes big. This is no clor Kalol-based Rs 4. These pipes are being utilised for internal communication rever Siddhi Engineers the recovern of rational awards for curro, small and medium cuterpress for outstanding entre different sizes. We have also bagged contracts from the

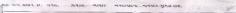
prepeurshinin New Delhion Austist 28, 2009

Mannolan Singh presented it claward to Blagwar Parel. Inepreneur and the ovaliser speet of Gujara's industries." caid Galarat State Small Industries Federation posident

defence sector," vaid Mr Patel, Siddin Engineers mentationers annum pipes for aerogan industics and supplies them to indam Spare Reaerogan ministres analog pries trient is intensibyter 66 - movalor, capital meeting became of the area Appreciating the contribution in RFD, prime munister - athatter of great pride for us. This is a testimony to the en-

Chilatral GIDC has been awarded by prime minister ISRO is now sourcing aluminium pipes from us. It is much

chairman of the company in New Dom-We are handared that a small company located in AttilKapo



#### ઇસરોના ઉપગ્રહમાં ગુજરાતની લઘુ ઉદ્યોગ ક્ષેત્રની કંપનીનું મોટું ચોગદાન ગુજરાતના 15 એકમને આર એન્ડ ડી એમએસએમઇ નેશનલ એવોર્ડ

ઇસરોં અને સેક ક્રાય પ માંઆવી છે. અમે જુદી જુદી ર હાઇપ્ય લગ્નાથી છે. સિદ્ધિ એન્જિનિય લ્લુમિનિયમ પ્રોડક્ટ્સની નિકાસ પ હેયનીનું દર્ગઓલર રૂ. થાર કરોડ છે. તે તી ક્રમીસિટીના પટે લ્યાર મંદશક વિભાગમાંથી ઓરેર મેળ બ
ા મત્યોતાન સિધ અને લવુ અ આતાવા પ્રધાન દિવા પહેત એન્જિનિયર્સ સહિતની ગુજરાત- એને વેચેગ્ગપ્રાહચિક્તા થયત ગ વેદો પળ્યો છે. પાંચા અના કેટેગરીમાં એકલે પાંચા અના કુચ્ચાર્ડ સ્થા પંચ ગળવા છે. ગયા વર્ષ આ માગ ગ મંગળા હતા. ગુજરાત જાયુ ઉધે પ્રધુપ અનુલ ક્યારીએ જાયાનું હ
એવોડ્સિ મેળવનાર કંપની અમાં સભ્યષદ ધરાવે છે. ગુજરાત- ૧૫ એવોર્ડ મેળળ્યા છે ની ઉદ્યોગસાહસિક્તાની તાસીર છે.

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પર અંકિત કરવી, આયાતી ઉત્પાદન સામે સ્થાનિક	<ul> <li>The second second</li></ul>
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गोनीक तामा । मंग्रह । शाम्या । २ कोफिल, १००



વિકસાવવામાં આવેલા અઘતન આવી હતી. સિધ્ધી ગૃપે મુખ્યત્વે કોપ્સ વિશ્વભરના સિન્ચેટીક યાર્ન્સ સ્વદેશી ઉત્પાદનો પર ધ્યાન સ્પિનિંગ યુનિટ્સને ઉત્તમ કેન્દ્રીત કર્યું હતું અને વિશ્વભરના ગુલવત્તાવાળા યાનોનું ઉત્પાદન પોતાના ઉત્પાદનોની નિકાસ કરી કરવામાં મદદરૂપ બને છે. ભારત ૩૪મો એવોર્ડ મેળવ્યો હતો. આ રમાં આ એક જ એવો કોપ્સ એવોર્ડ એન્ટરપ્રિન્નોરફાય સવ પ્લાન્ટ છે. આરએનડી, બેન્કર બેસ્ટ સપ્યુદ્ધિ એન્જીનીયરીંગ યુનિટ, ઈનોવેશન



# Sky's the limit to their aspirations

Nayan Dave | TNN

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Ahmedabad: During their college days in early 80s, these two roommates dreamt of reaching for the sky. Three decades on, the mechanical engineers have done it, literally. Siddhi Engineers, a firm promoted by Bhagavat Patel (50) and Prashant Gandhi (50) recently bagged an award from Union Ministry of Micro, Small & Medium Enterprises for designing high-precision tubes for Indian Space Research Organisation (ISRO). The space organisation will use these tubes to establish contact with GSAT-12, which is likely to be launched in 2010. After passing out from Bir-

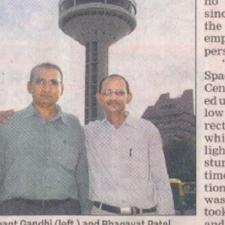
la Vishwakarma Mahavidhyalay in Vallabh Vidyanagar, both Patel and Gandhi worked for seven years in difer again in 1988. We thought of firm with an initial invest- moment came in 2002. The bagthe project from ISRO.

Prashant Gandhi (left ) and Bhagavat Patel ment of Rs 40,000." said Patel. Soon, they started manuferent companies. "It was our facturing aluminium tubes dream that brought us togeth- for television antenna. Gradu- cial component for spaceally, they started supplying a earth linkage. Siddhi Engidoing something on our own variety of aluminium tubes neers managed to nudge out a

firm supplied fuel supply line to ISRO for GSLV F01 satellite. There has been no looking back since then. Today, the Rs 10-crore firm employs over 150 persons.

"Scientists from Space Application Centre (SAC) wanted us to design a holaluminium low rectangular tube, which is extremely lightweight and sturdy at the same time. Even a variation of 10 microns was not allowed. We took it as a challenge and succeeded." said Gandhi, talk-

ing about the award-winning product, which is used to manufacture 'Wave Guide', a cruand launched a partnership for industrial use. Their big large multinational giant to



Particul 🔹



#### **Contact details**

# SAMRUDDDHI ENGINEERING

'SIDDHI HOUSE' 6, Virkunj Society, Near Vidyanagar School, Usmanpura, Ahmedabad - 380014. Gujarat - INDIA

Ph. No. +91 79 40244344, 27542909 Fax No. +91 79 27545089

**DOMESTIC ENQUIRIES** : +91- 9377979021 **EXPORT ENQUIRIES**: +91- 9328229013

samktg@siddhiindia.com saexp@siddhiindia.com

Website: www.abstube.co.in | www.steel-cops.com

