

**3S DAT**



**SPECIALIZED SHEETMETAL SOLUTIONS**



# INTRODUCTION

3S DAT established in April 2008 by Technocrats for Sheet metal Design and Fabrication

## 3S MEANS

- Specialized
- Sheetmetal
- Solutions through “Designs And Technologies”, that is **3S DAT**

3SDAT is Spread across 3 units



# MANAGING PARTNERS



**SRINIVASAMURTHY K.H**

**MECHANICAL ENGINEER**

**OVER 24 YEARS OF SOUND EXPERIENCE**

- Working Experience in various companies of about 10 years in Designing Sheet metal Products like Machine enclosures, Telescopic covers, Electrical Cabinet, Coolant Tanks for various CNC Machines.
- Over 14 years of sound experience in our firm 3S DAT, in Designing & Manufacturing all kinds of Sheetmetal products and given end to end solutions to all kinds of Machine tool Industries.,
- Provided solution to Automobile sectors in transferring components in line machines and solutions for Coolant and Chip management



**SATEESHA G.K**

**MECHANICAL ENGINEER**

**OVER 24 YEARS OF SOUND EXPERIENCE**

- Working Experience in various companies of about 7 years in Designing Sheet metal Products like Machine enclosures, Electrical Cabinet, Coolant Tanks for various CNC Machines & Sheetmetal commercial products.
- Over 3 Years experience in designing Packaging machineries in various companies.
- Over 14 years of sound experience in our firm 3S DAT, in Designing & Manufacturing all kinds of Sheetmetal products to Machine tool industries. Designed and Manufactured Agricultural machineries. Given complete solutions in Agri products to formers with Conveyor systems.



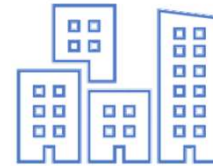
# MARKETS



**MACHINE TOOL**



**AGRO PRODUCTS**



**INFRASTRUCTURE**



# UNIT-1

## Machine tool Products

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### LAND

28,000 Sq. Ft

Two Floors

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### MACHINE

Laser.....LVD

HSG

BENDING.....AMADA

HACO

WELDING....24 STATIONS

POWER BACKUP....125KVA

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### MAN

Contract 40 manpower

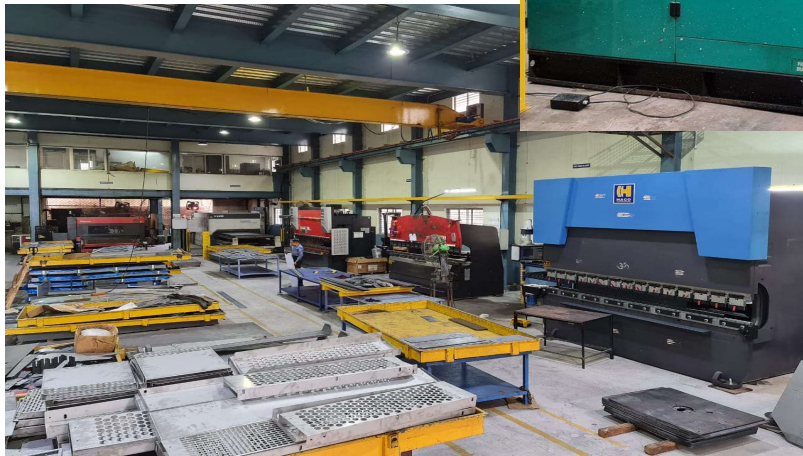
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### OUTPUT

100 Tons



# UNIT 1







# UNIT 1

1. Fiber Laser Cutting Machine  
(PHOENIX FL3015, 4 KW, LVD., Belgium)



2. CO2 Laser Cutting Machine  
(FOM2 3015NT AMADA, JAPAN)



3. CNC Hydraulic Press Brakes





# UNIT-2

## Agro Products

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### LAND

18,000 Sq. Ft

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### MACHINE

WELDING....14 STATIONS  
Assembly Section....6nos

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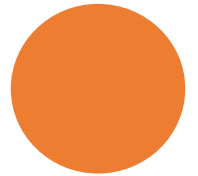
### MAN

Contract 40 manpower

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### OUTPUT

65 Tons







# UNIT-3

Powder Coating

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## LAND

25,000 Sq. Ft

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## MACHINE

Automated 7 Tank

Conveyorized Booth and Oven

**4000 sft/day**

POWER BACKUP....

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## MAN

Contract 20 manpower



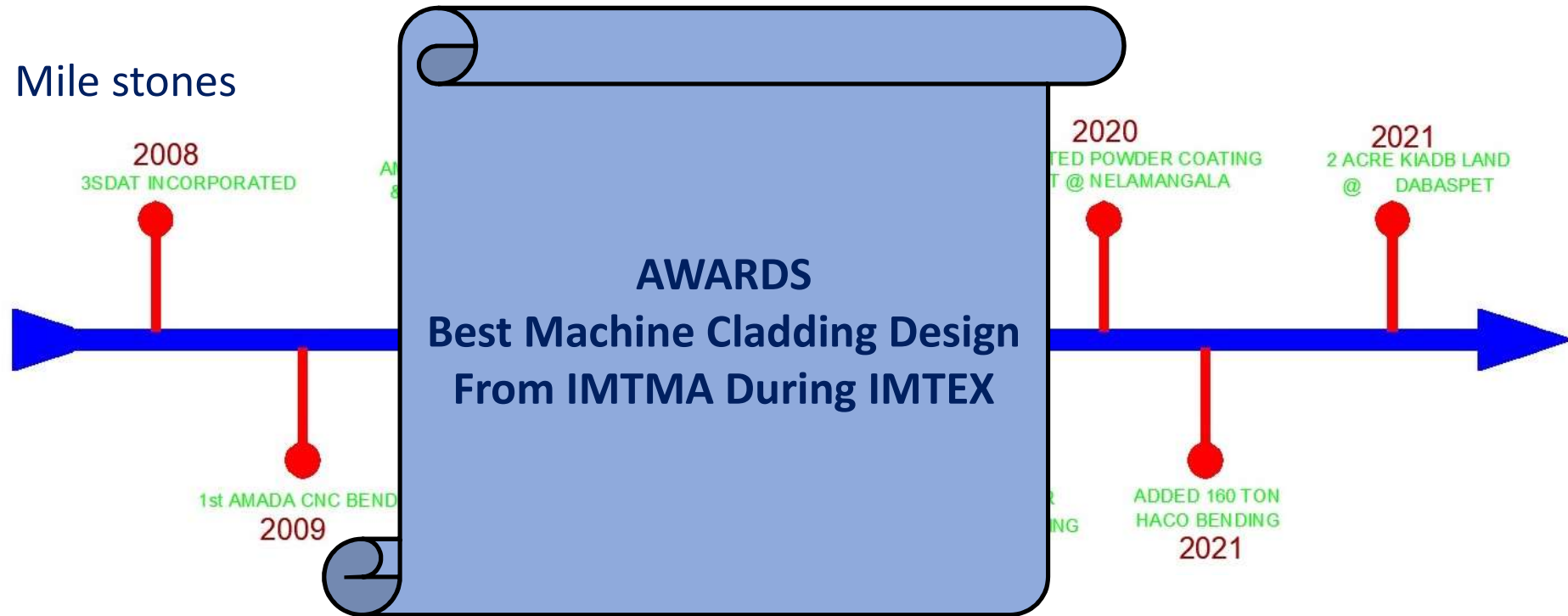
# UNIT 3





# MILESTONES

- Mile stones



- Revenue

- 2008-09 \$40K
- 2021-22 \$5.3M



# MACHINERY

- MIG Matic Welding machine, Inverter based-32nos
- TIG Welding Machine – 1no
- Spot Welding machine-2nos
- Sandering Machines- 12 nos
- Polishing machine- 6 nos
- Pillar type Drilling machine (38MM)-2nos
- Hydraulic PEM & NUT Insertion Machine-1no
- Hand Shearing Machine-1 no
- Hand drill-10nos
- Air compressors-2no
- Arc welding machine (Portable)-1no
- Cut-off machine -1no
- Jig Saw- 4 nos
- Hand drill-10nos
- Fly press
- Generator 125 KVA



# MACHINERY

## Inspection Supports

- Surface table-Size-1000mm x 1000mm
- Instruments
- 0-150 mm VERNIER CALIPER - MITUTOYO
- 0-150 mm VERNIER CALIPER - MITUTOYO (Digital)
- 0-300 mm VERNIER CALIPER - MITUTOYO
- 0-25 mm MICRO METER - MITUTOYO
- 0-300 mm HEIGHT GAUGE - MITUTOYO



## CAD TOOLS

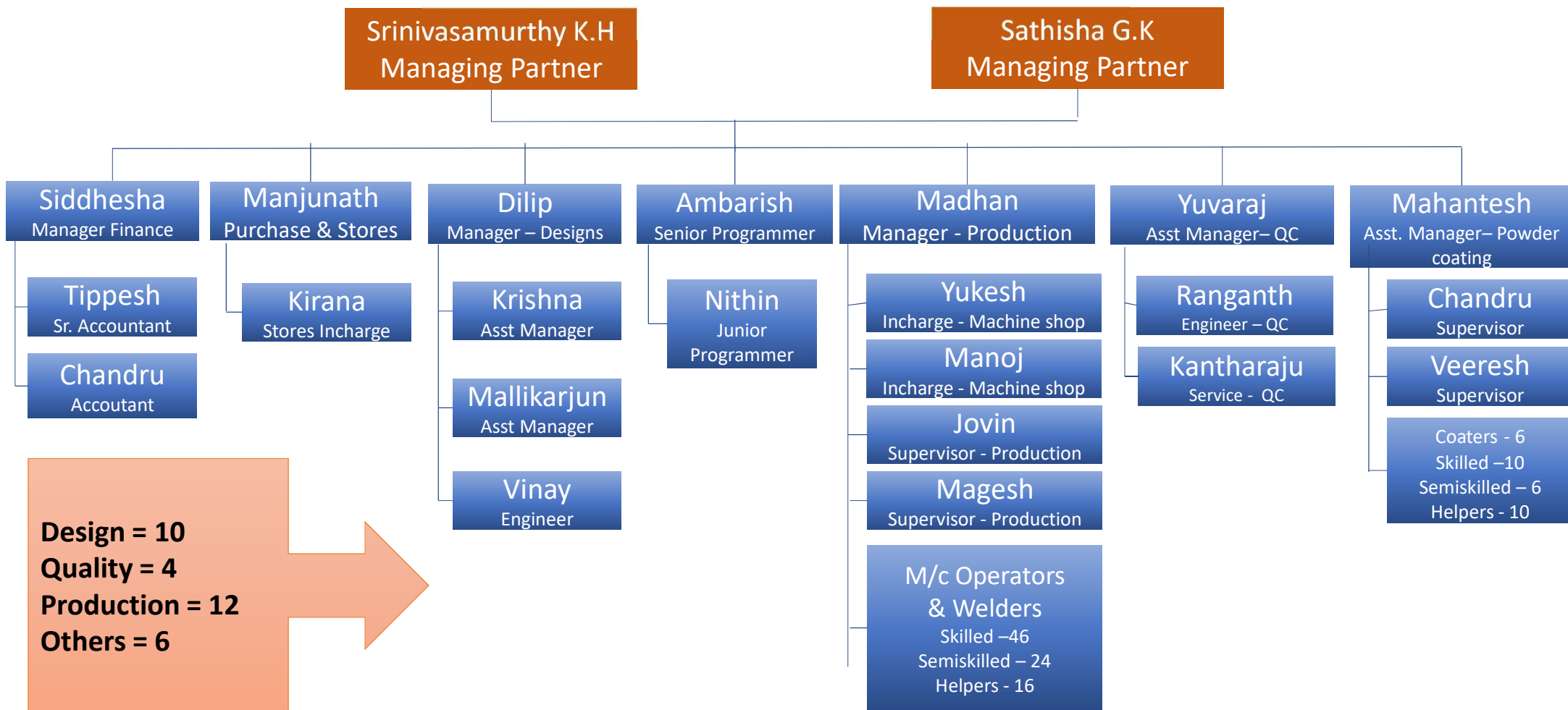
- Solid Works with 2019 License-- 3 nos
- AutoCAD with 2021 License -- 2 nos
- Ares Standard With 2019 License--8 nos







# ORGANIZATION





# PRODUCTS

## CONTRACT MANUFACTURING

- Machine enclosures
- Electrical Cabinets
- Chip Trays
- Coolant Tanks

## DESIGN AND MANUFACTURE

- SPM Machine Cladding
- Telescopic covers
- Component Conveyors
- Smart Poles
- Agro Products
- Kiosks
- Medical Equipments



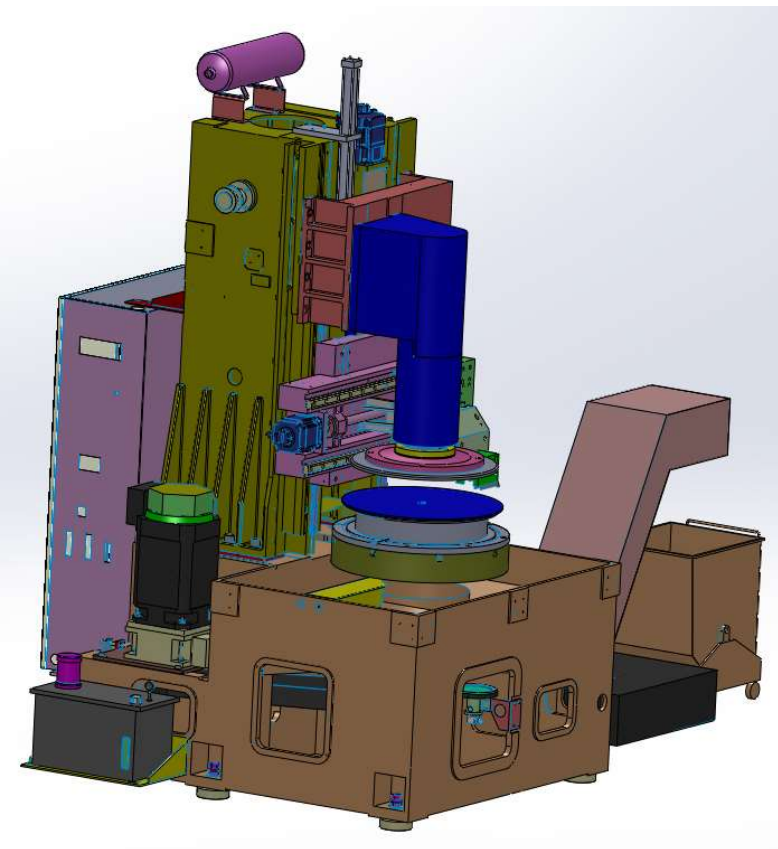
# MACHINE TOOL PRODUCTS

## Machine Enclosures & Sound Proof Enclosures

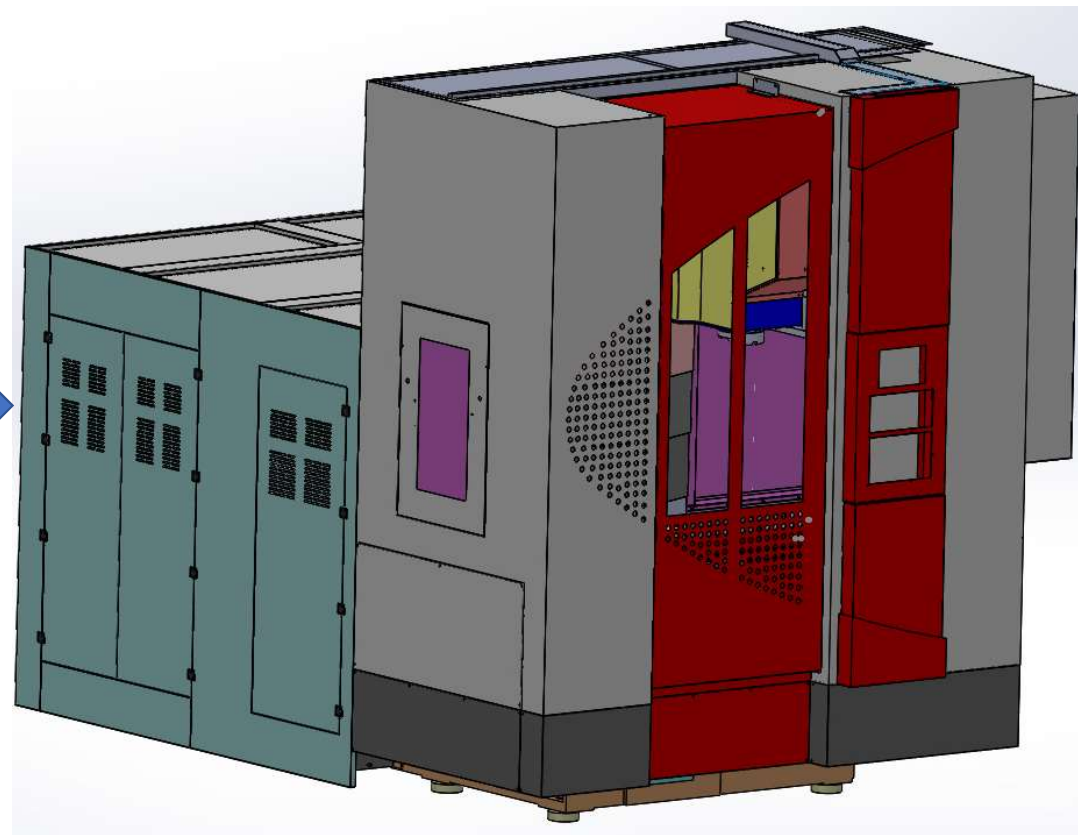




# MACHINE TOOL PRODUCTS



**INPUT**



**OUTPUT**



# MACHINE TOOL PRODUCTS







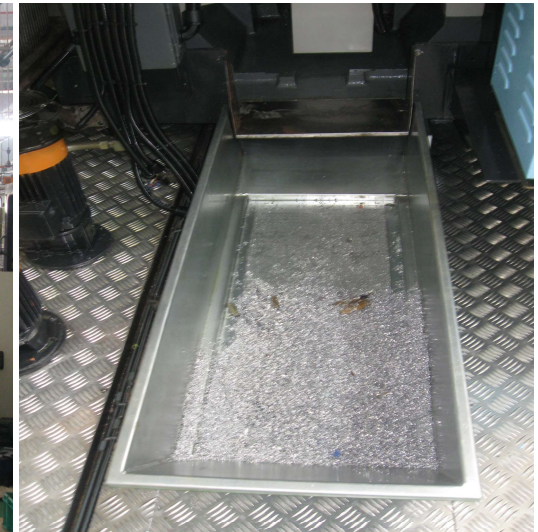
# MACHINE TOOL PRODUCTS





# MACHINE TOOL PRODUCTS

Solution for Component Transfer from Machine to Machine & for  
Chips & Coolant Management





# AGRO PRODUCTS

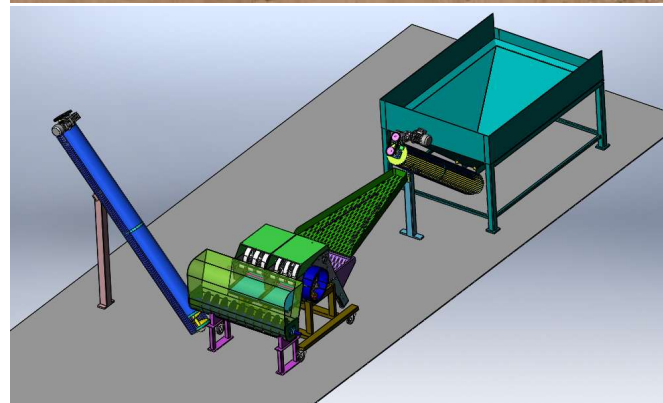
- **SAB Agrotech** was established in 2012 to Manufacture and supply Agricultural Machineries at an affordable prices to Farmers.
- We sell machineries with Subsidy to farmers from 2016 onwards which is approved by Horticulture Department.





# AGRO PRODUCTS

## Areca Dehusker Machineries





# AGRO PRODUCTS







# INFRA PRODUCTS

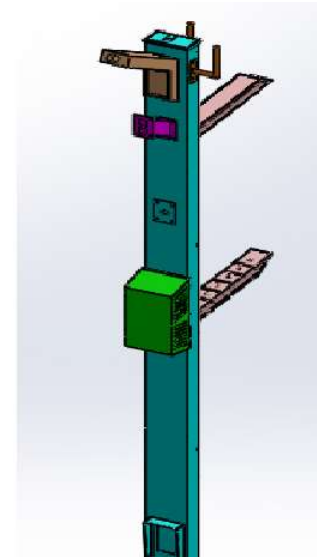
## Heavy Fabrication





# INFRA PRODUCTS

## SMART POLES





# INFRA PRODUCTS

Electrical and Electronic panels/ Cabinets/Console boxes







# INFRA PRODUCTS

## UV Sterilizers



## UV Room Sterilizers

## UV Sterilizers for Surfaces



# UV Sterilizers IISc Test Certificates

DEPARTMENT of MATERIALS ENGINEERING  
Indian Institute of Science  
BANGALORE

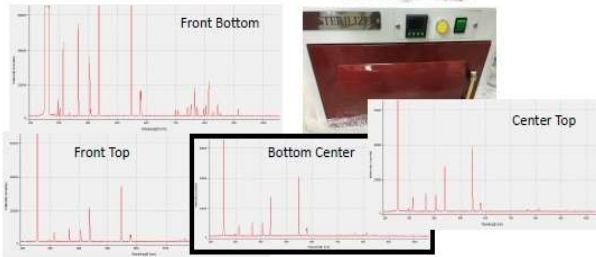


PRAVEEN C. RAMAMURTHY  
Professor

26<sup>th</sup> June 2020

To whom it may concern:

I have tested the 3SDAT system that was brought to our laboratory at Indian Institute of Science. According to the literature, the minimum irradiance required to treat coronavirus is about 611 Micro Joules/cm<sup>2</sup> for 274 nm. Based on our calculation from your setup we are getting >2110 Micro Joules/cm<sup>2</sup> at various distances from the light source.



Feel free to contact me if you require further information.

With best regards

*Praveen.C.R*

Praveen C Ramamurthy

26<sup>th</sup> June 2020

DEPARTMENT of MATERIALS ENGINEERING  
Indian Institute of Science  
BANGALORE



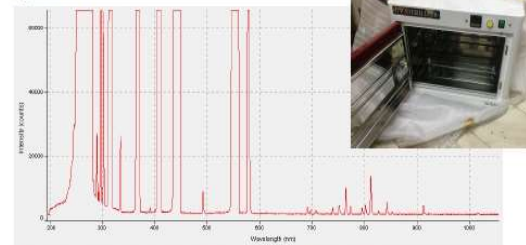
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Spectra of the 3SDAT



Praveen Feel free to contact me if you require further information.

With best regards

*Praveen.C.R*

Praveen C Ramamurthy

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Indian Institute of Science  
BANGALORE

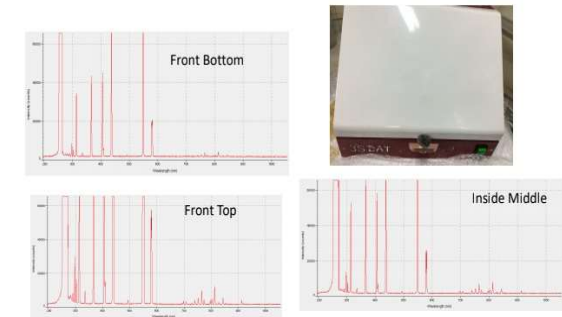


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With best regards

*Praveen.C.R*

Praveen C Ramamurthy





# OTHER PRODUCTS

- SOLAR PANELS
- ADVERTISEMENT SIGN BOARDS
- KIOSK/HELP DESKS
- STORAGE RACKS/MODULAR RACKS
- PALLETS/TROLLEYS
- SCHOOL/INSTITUTION SUPPLIES
- HOTEL EQUIPEMENTS
- MEDCAL EQUIPMENTS
- METAL ARTS AND ARCHITECTURAL



# KEY CUSTOMERS





**3S DAT**

**NAMASKARA**