



# Innovative food grain storage silos with smaller capacity for farmers, FPOs & farmer groups



(M/s. VRSS Agro Engineering LLP.: A Start-up Incubated and Financially Supported by CIRCOT R-ABI, Mumbai)

- Suitable for all dried grains
- Ozone fumigation (Good alternative to chemical/inorganic fumigants)
- Solar PV panel (No electrical cost, Green Energy)
- Aeration system with supplemental heating
- Efficient mechanical grain handling and reducing human drudgery
- Dedicated sensors to monitor grain quality parameters (QMS)
- Cost-effective turnkey solution
- Increase storage time (up to 1-2 years) of stored dried grain
- Innovative silos for use on a custom hiring basis for grain storage in villages

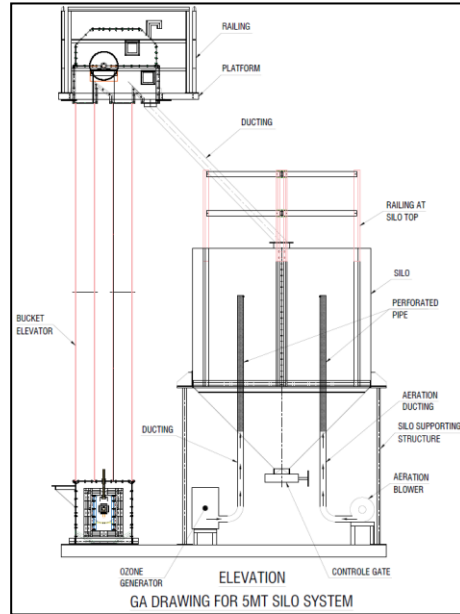


**Innovative Solution**

## **Incubation Support:**

M/s. VRSS Agro Engineering LLP has been incubated at CIRCOT- R-ABI under 3<sup>rd</sup> Cohort of RKVY RAFTAAR scheme and sanctioned as Ankur (Seed Stage) Funding Program of Rs 18.75 lakhs.

The incubation support the startup to promote products in the market and the farmers set up the new technology. The CIRCOT R-ABI expert's view helped the startup to channel the program on right track and expand the business idea to farmers all over India.



**Prototype**

## **Founder:**

**Mr. Vinod Tukaram Atkari** well-educated entrepreneur from Hadapsar, Pune. He is an M.Tech. (APE) & M.Sc.(FPP) with 10 years of experience in relevant fields. He finds that silos are available in the market, but it is of a bigger size (10000 MT), Due to the higher capacity of silos small & marginal farmers has a limitation in adoption and also godown storage is used by many warehousing agencies to store grains. So he Innovated smaller capacity grain storage silos for farmers, FPOs & farmer's groups.

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