



Creating The Future

**SATAKE**

**Middle East and Africa District**

**19<sup>th</sup> Annual Conference**

**ARUSHA - TANZANIA**



Creating The Future

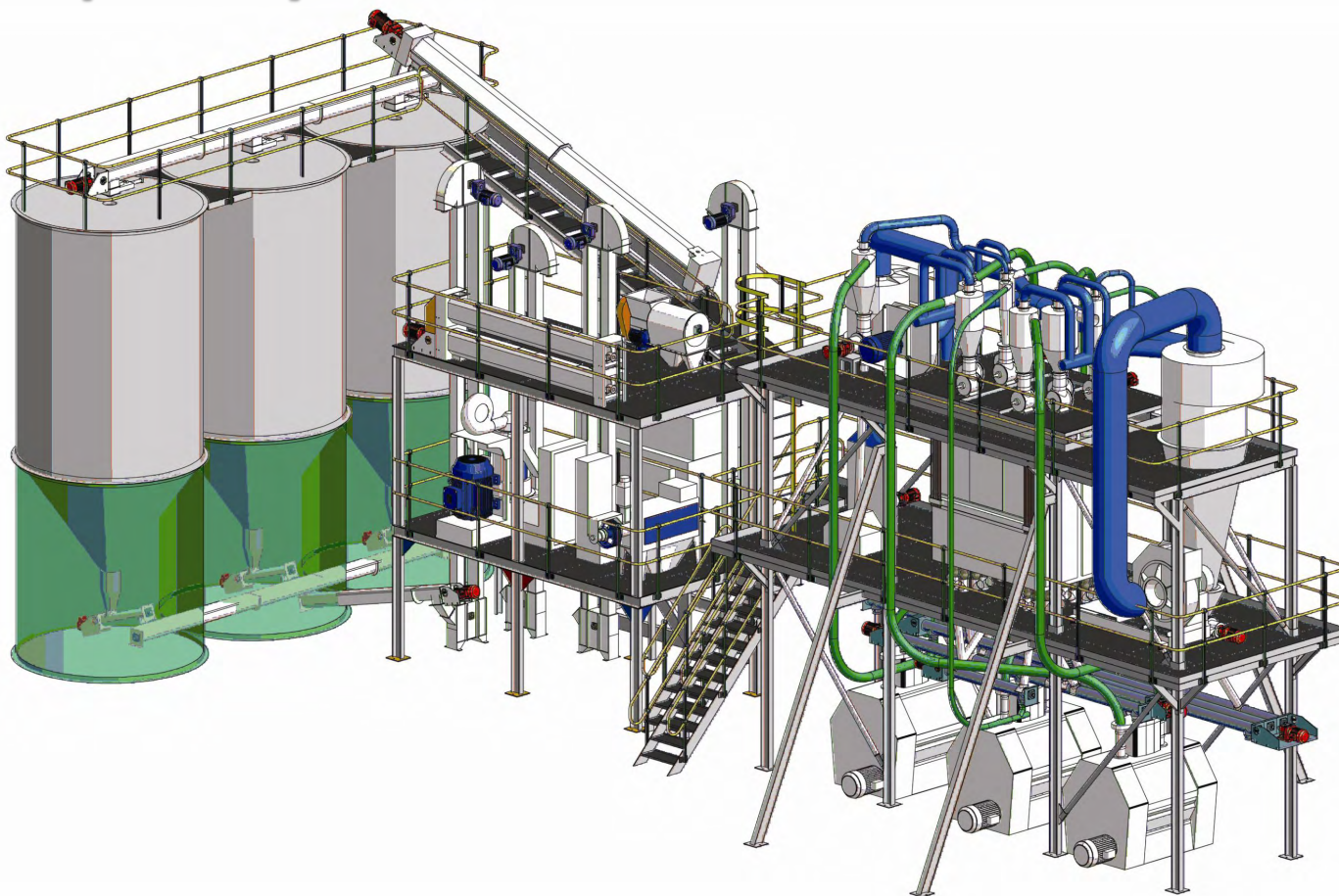
**SATAKE**



**MODULAR MILLS**

# Modular Maize Mills

- Capacity 6 t/hr



# Design Concept

Four functional modules:  
cleaning, degerming, polishing and milling.

Supplied as a full set for a new plant or  
individually for upgrading an existing system

Cleaning

Degerming

Polishing

Milling



# Technology

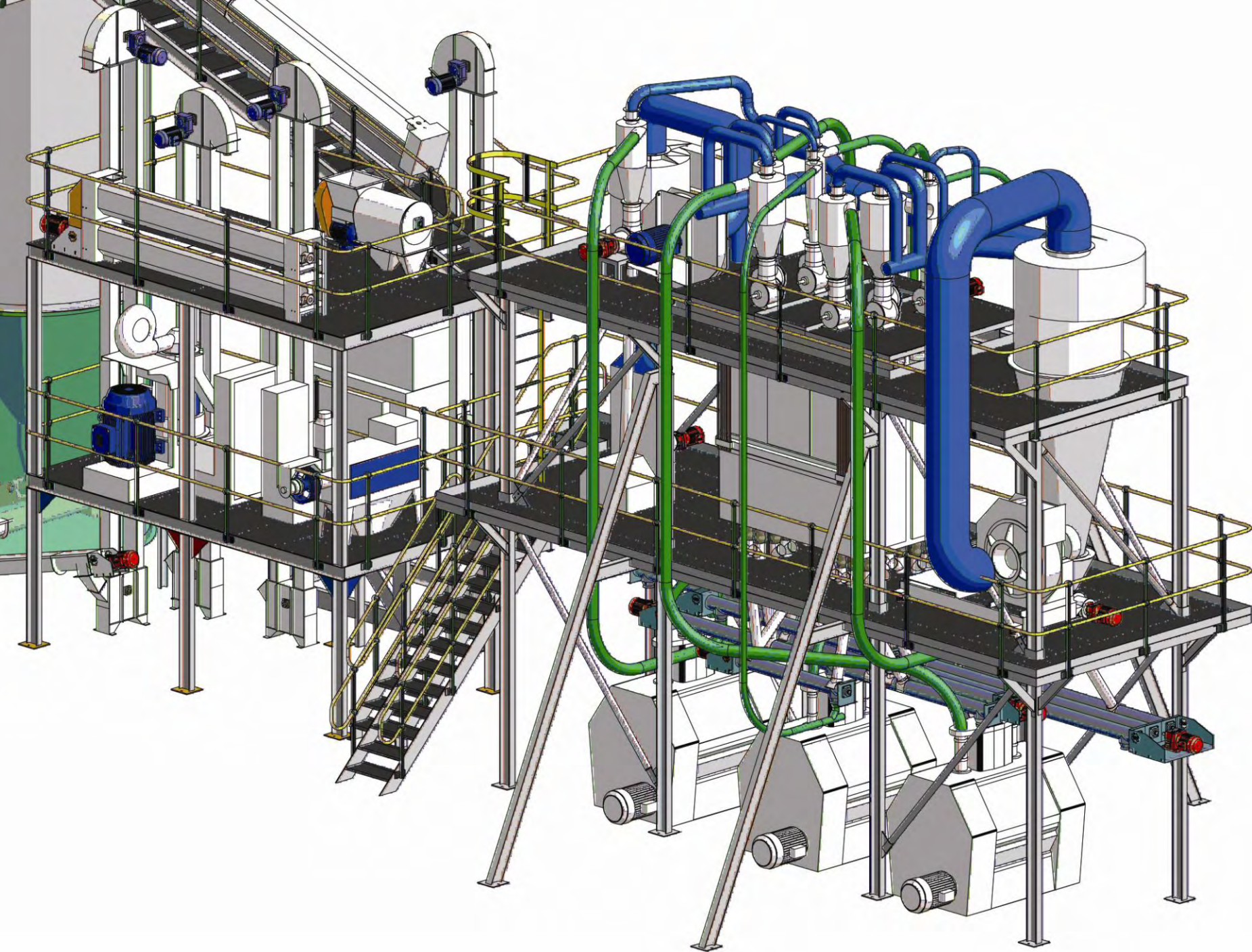
The core technology of the 4M Modular Mill is centred on the world leading Satake maize degerming system comprising:

Pre-conditioning system  
VBF vertical degermer  
KB polisher.



# Applications & Benefits

- Compact Installation–
  - Ideal for Warehouse / Godown
- Bolt on Modules for existing plant
  - Add additional or replace older degerming equipment.
- Cost Effective
- Rapid Installation
- Adaptable Design





# Rapid Assembly

The preassembly is completed to a remarkable degree as it includes not only principal machines, but also:

**pneumatic conveying cyclones - airlock assemblies - mechanical handling equipment – ducting - cable trays - piping - electrical and control systems - MCC panels and all electrical hardware.**

**Assembly of Modules Prior to Despatch**





# Installation

After receipt on site the modules are lifted into position and quickly bolted together to form a rigid assembly





# Machines



# Completed Plant

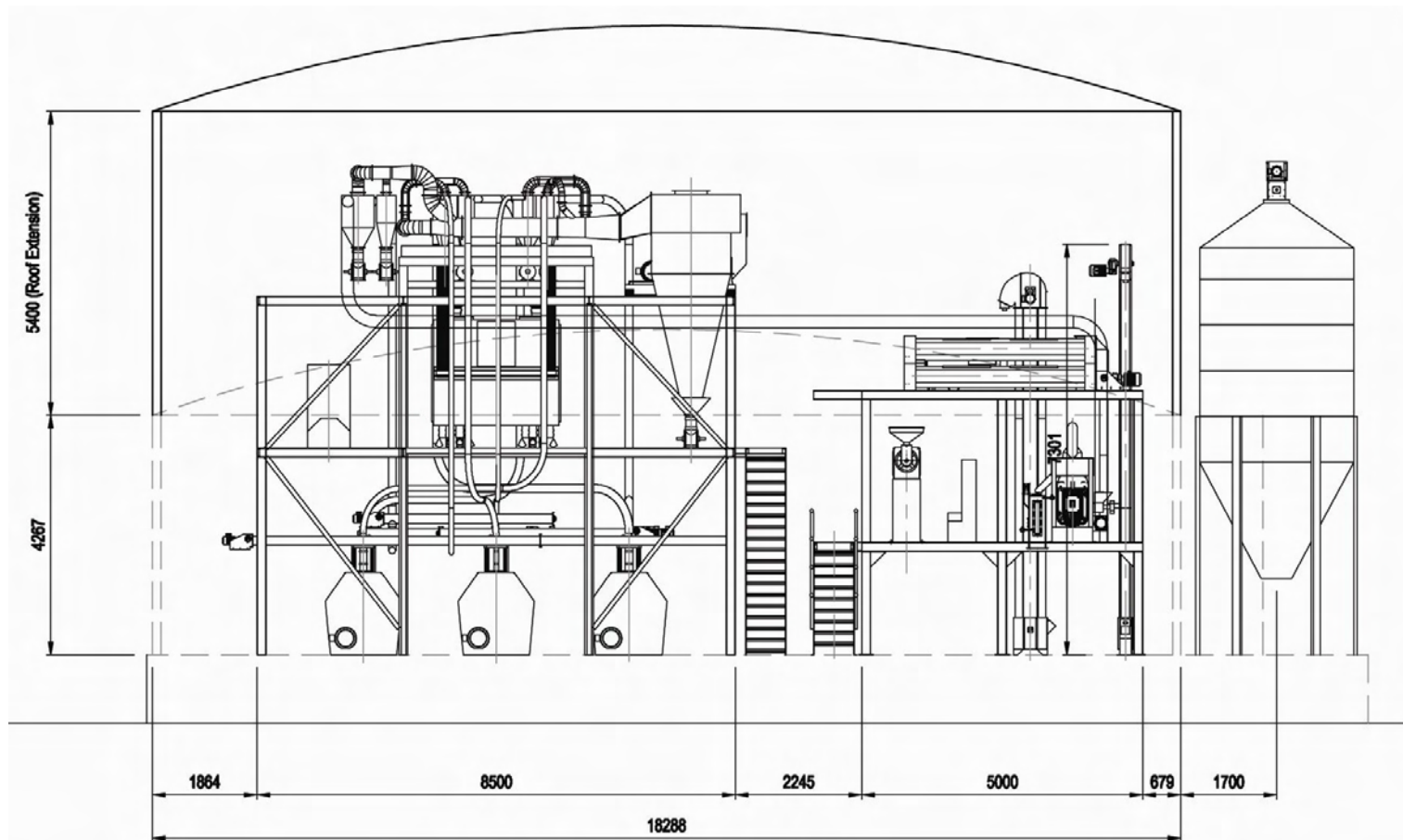




# Completed Plant

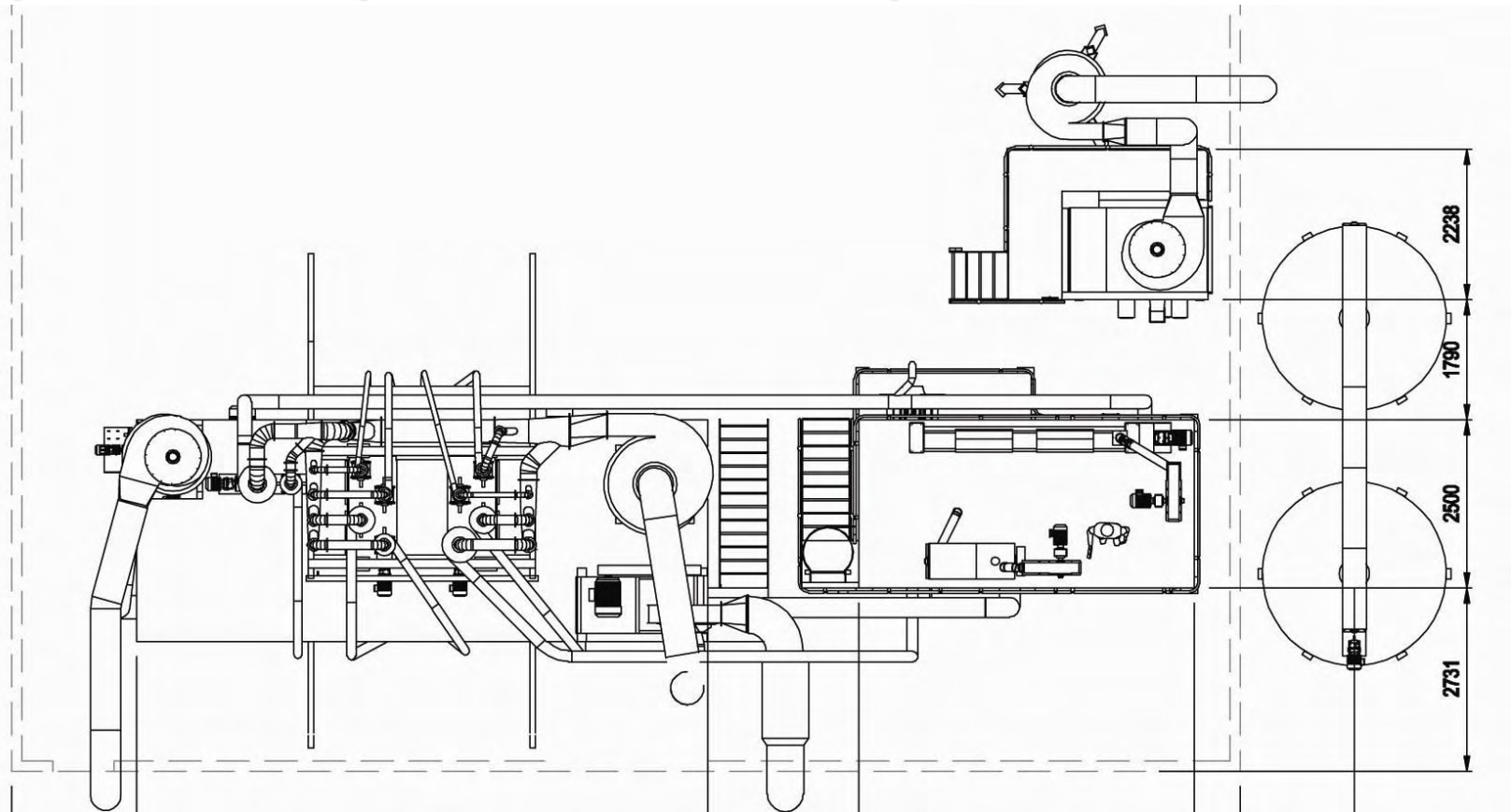


# Space Requirements - elevation



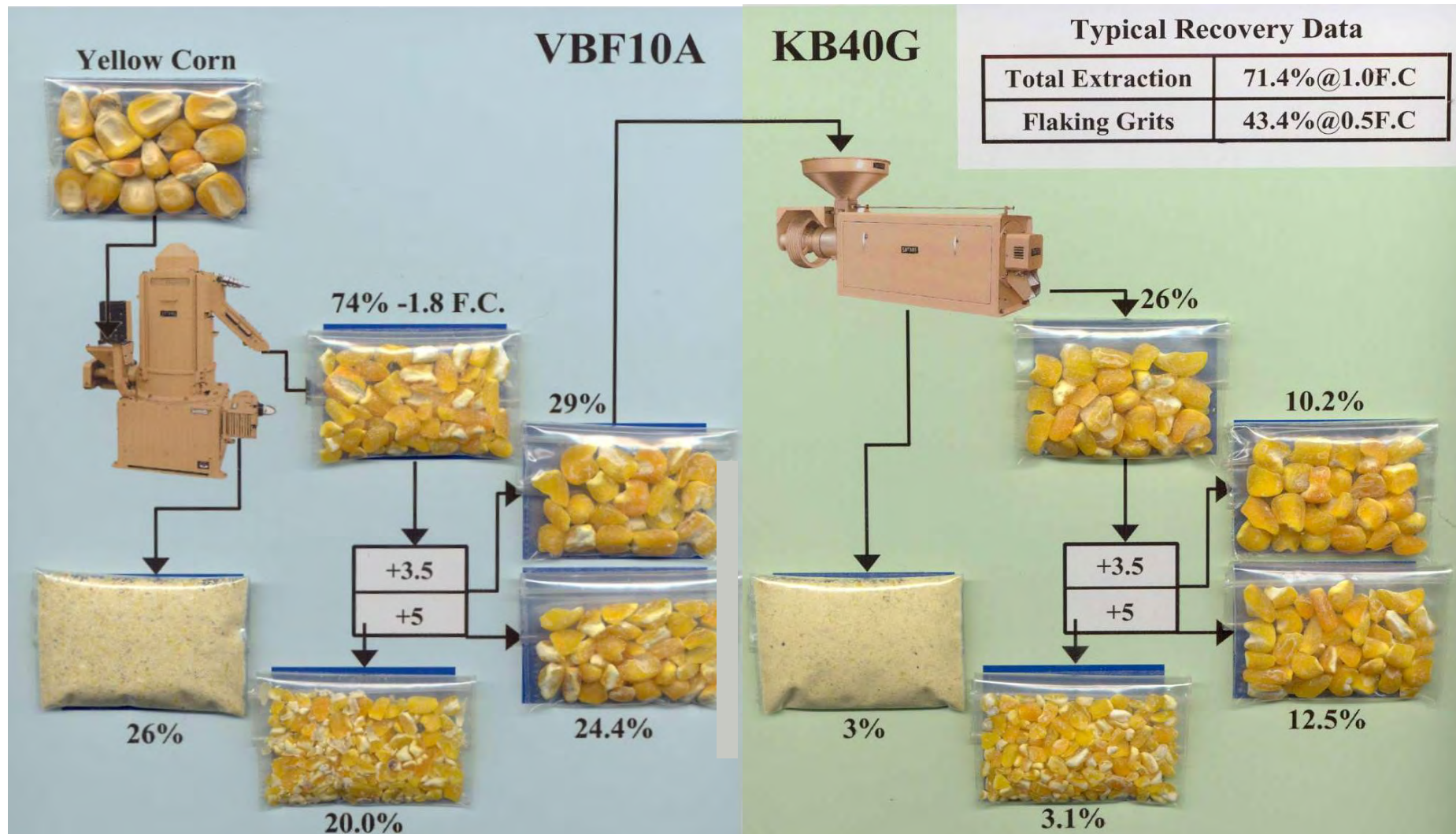
End View 1 on Proposed Maizer Mill

# Space Requirements – plan view

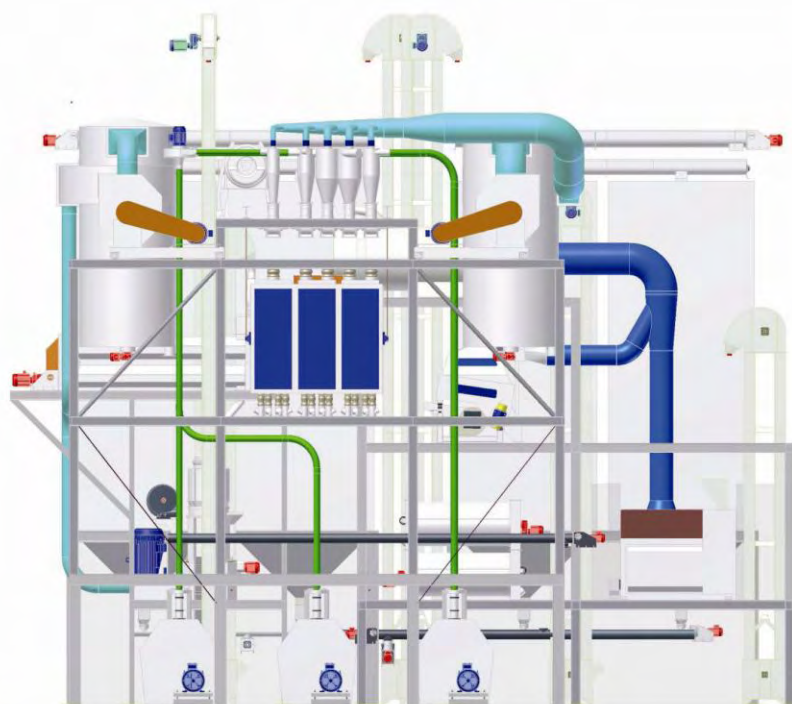




# NO QUALITY COMPROMISE



# Flour Mills – Modular and Booster



**Modular Flour Mill**

# Technology

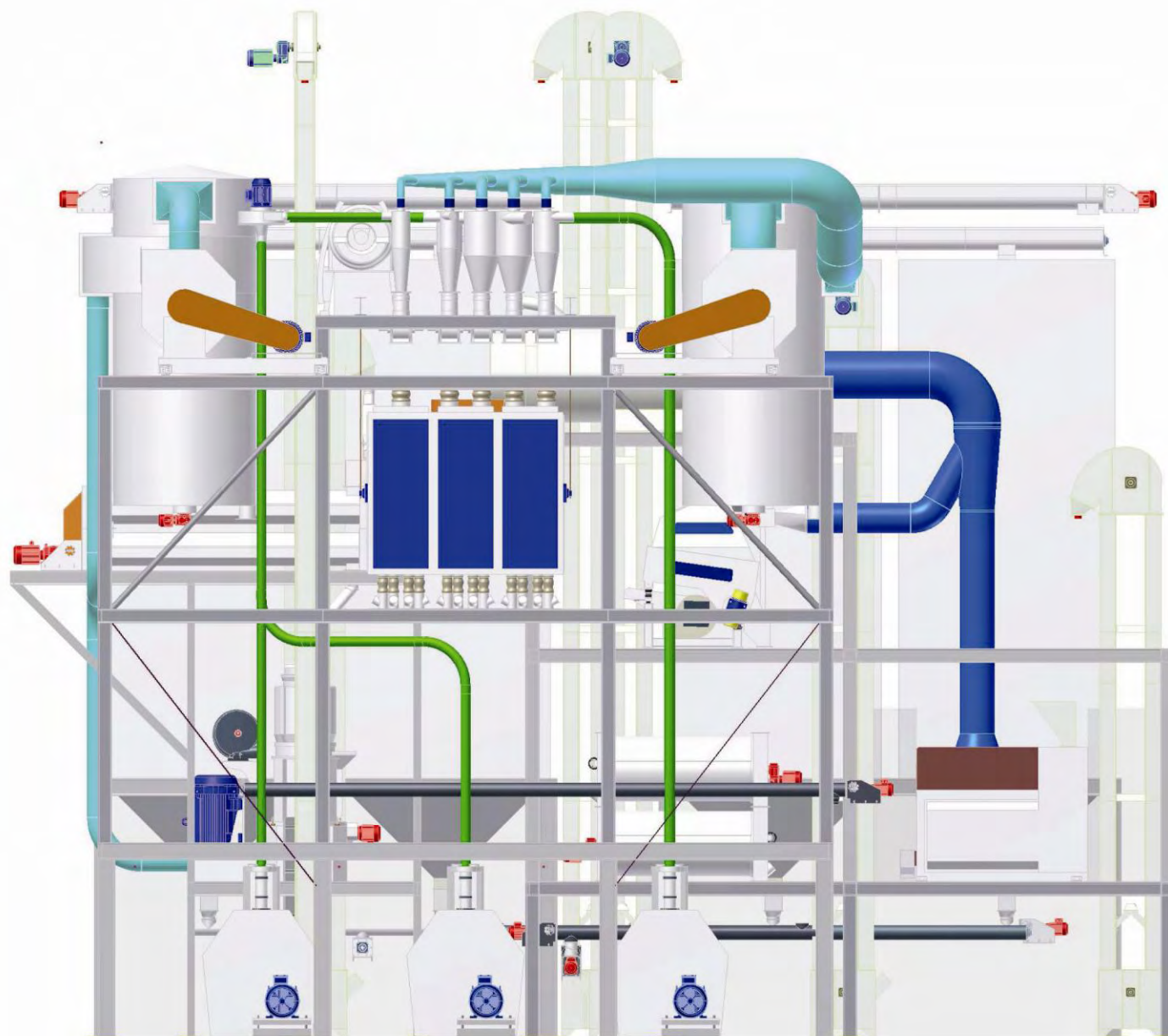
The core technology of the Modular Mill is centred on the world leading Satake Wheat “PeriTec” Debranning system comprising:

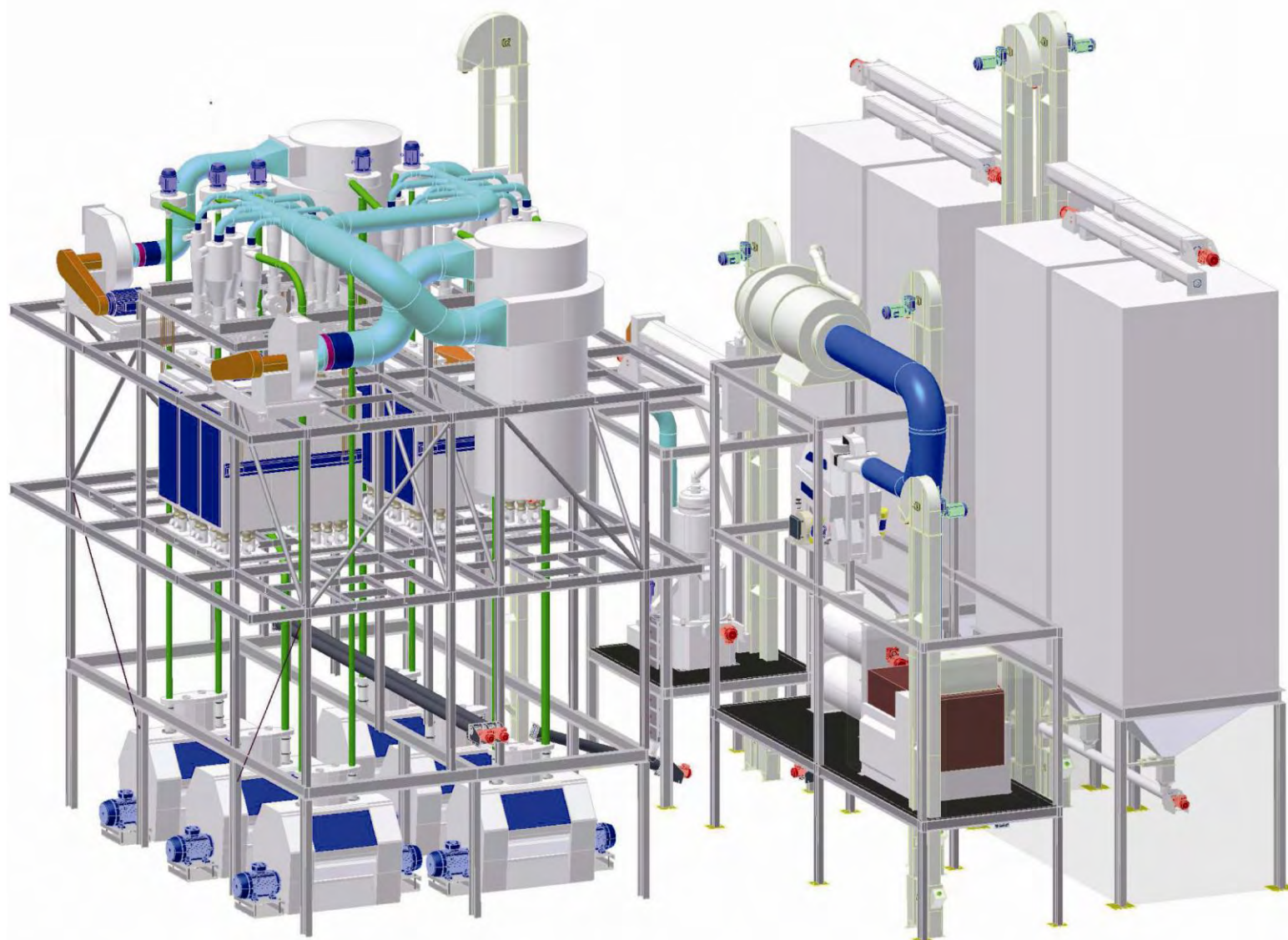
Pre-conditioning system  
VCW Peritec Debranner











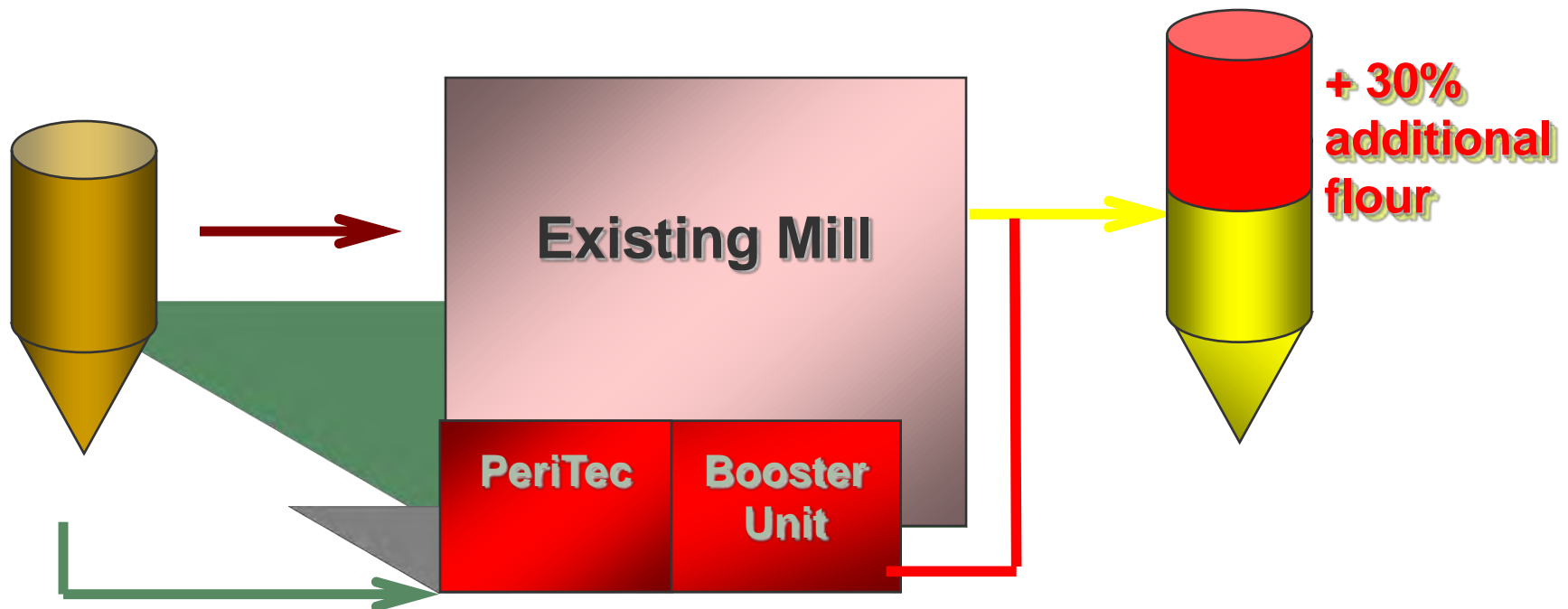




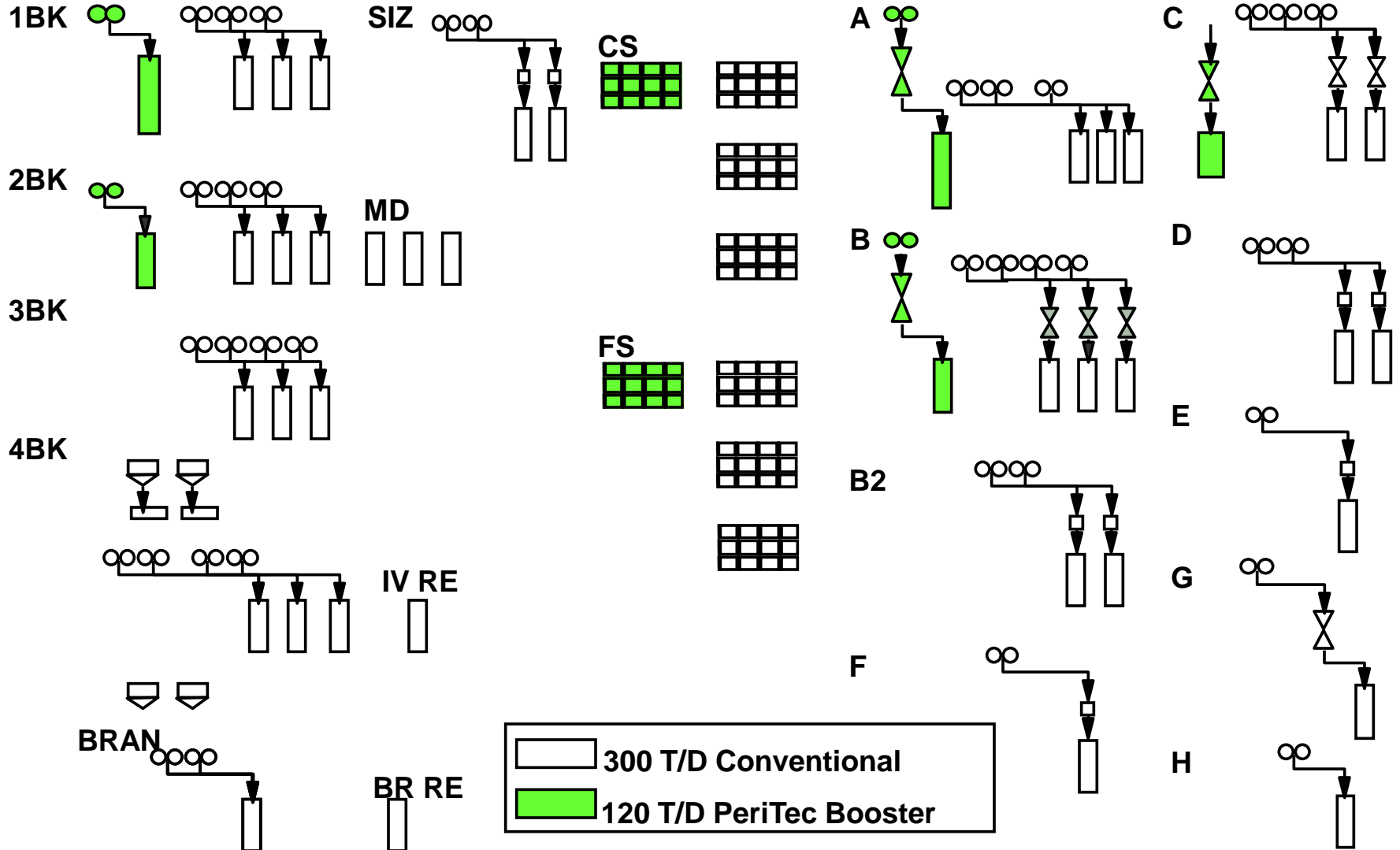
# PERITEC BOOSTER: Cost Effective Capacity Increase

Wheat supply

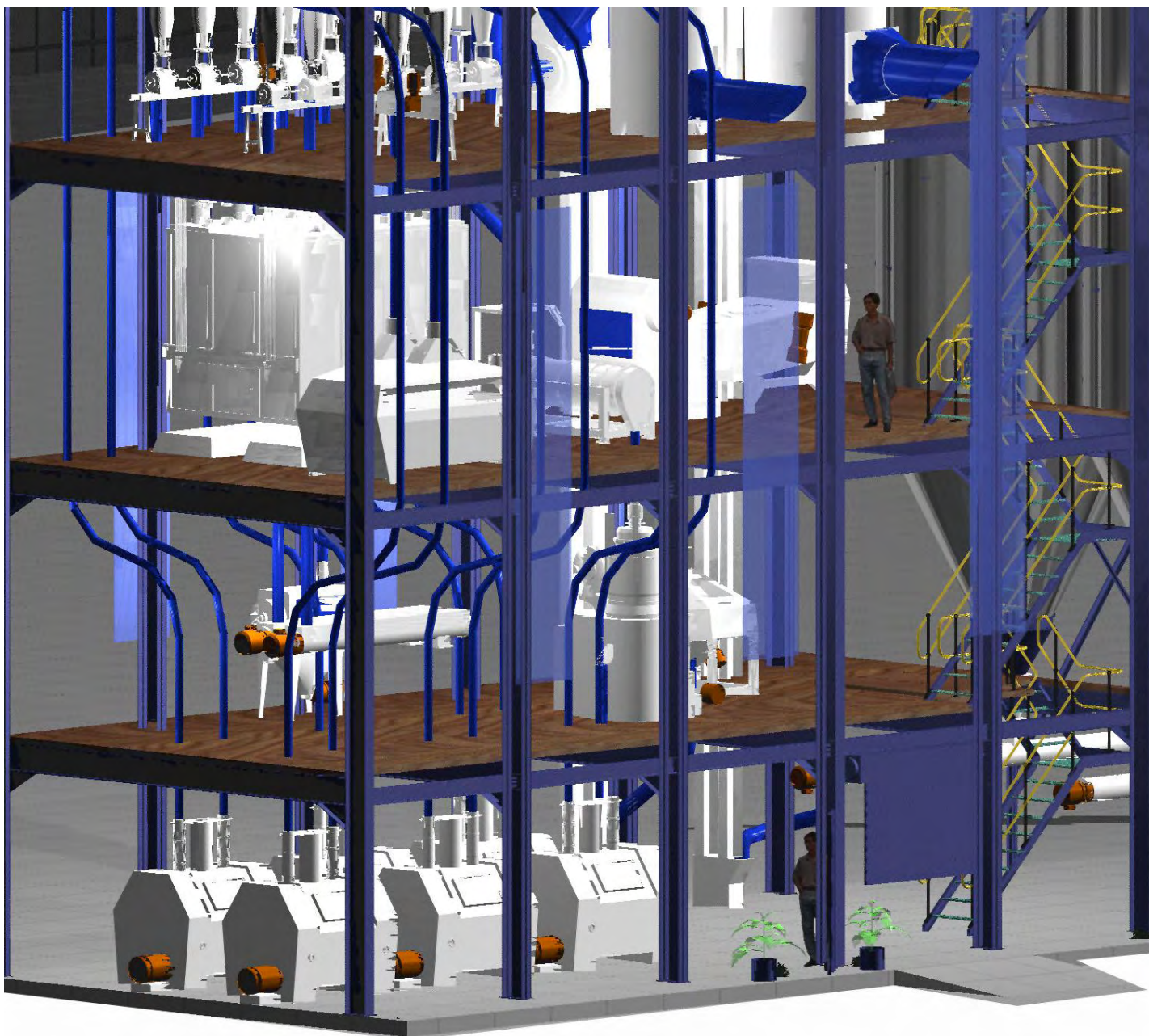
Flour



# Cost Effective Capacity Increase







# AlphaScan™



# **ALPHASCAN DESIGNED FOR CEREALS...**

**LOW COST**

**HIGH CAPACITY:**

**HIGH EJECTOR DENSITY**

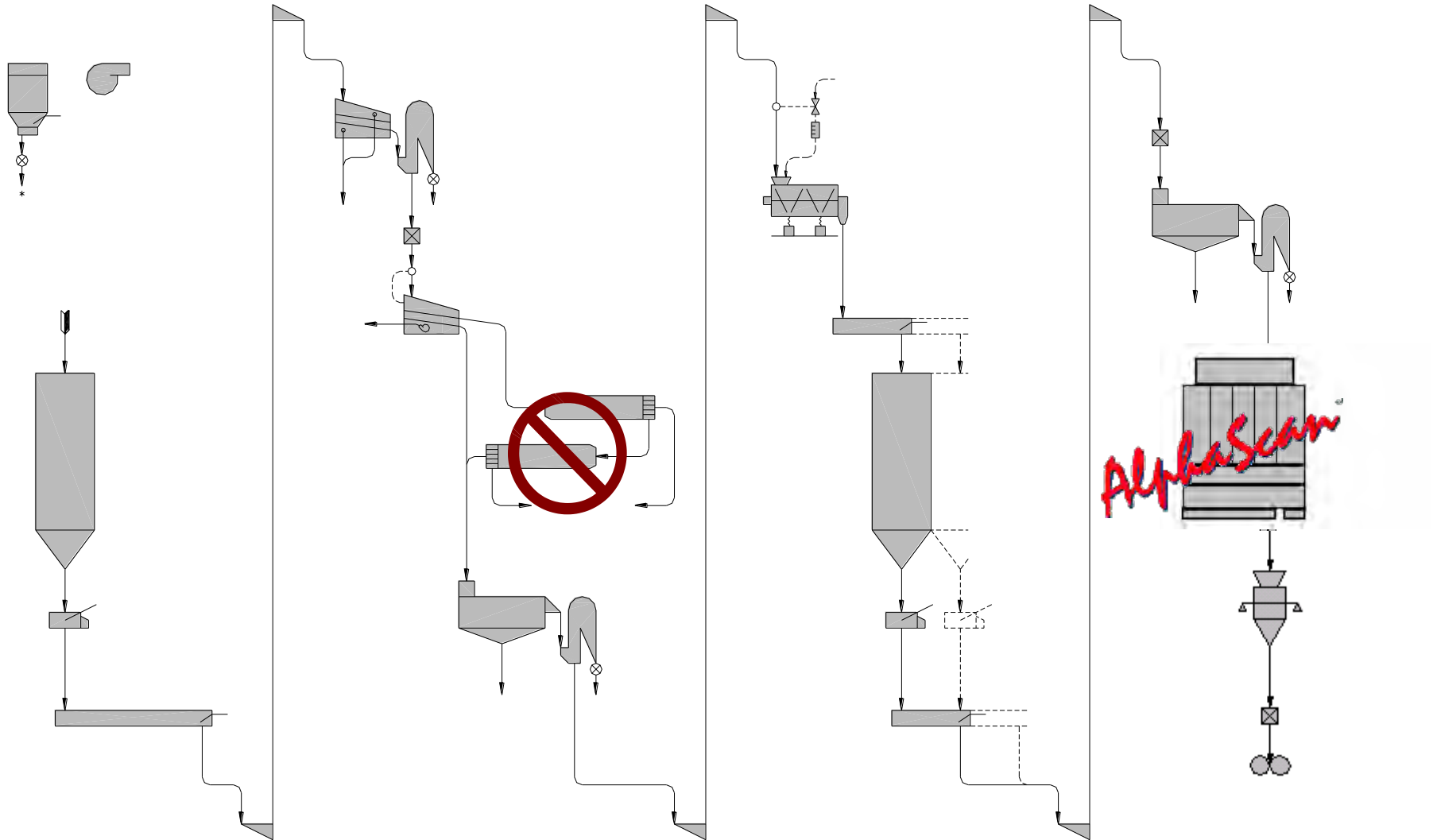
**EASY TO OPERATE**

**AVAILABLE IN FOUR SIZES  
(1, 2, 3 or 5 Channels)**





# CLEANING & CONDITIONING



# ALPHASCAN HIGH FLOW

**UP TO  
35 T/HR!**



# INSTALLATIONS

## Grain Silos



## Mills







**Even Mobile Cleaning !**



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***THANK YOU***