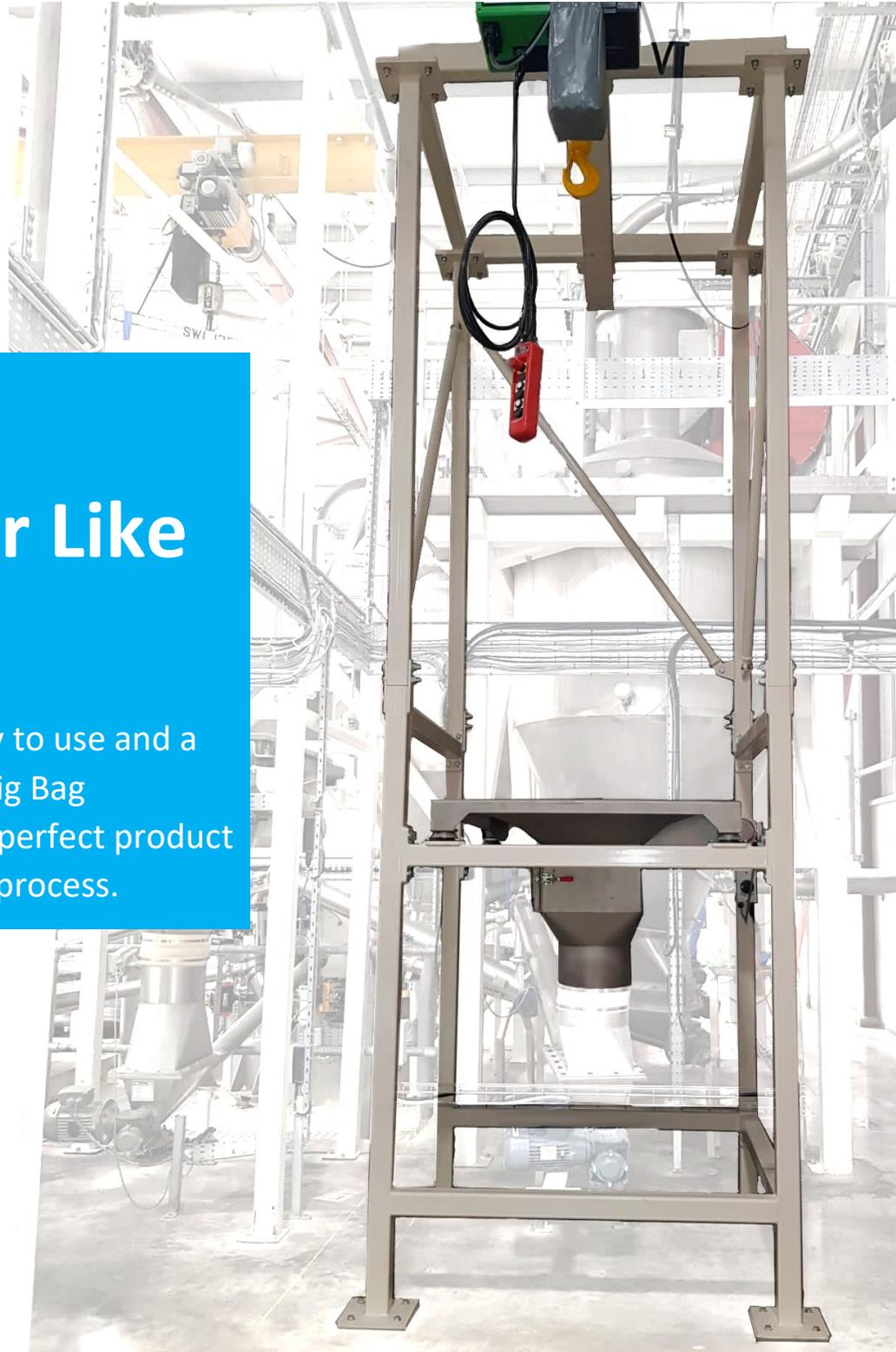




**Ingredient
Batching
Systems**



BIG BAG DISCHARGERS



A Big Bag Discharger Like No Other.

Easy to assemble, easy to use and a hygienic design. Our Big Bag Discharger will be the perfect product entry for your factory process.



+44 (0) 1234 481 008



Unit 8 i-Worx Commercial Park, Innovation Way,
Wootton, Bedfordshire MK43 9SP



www.ingredientbatchingsystems.com



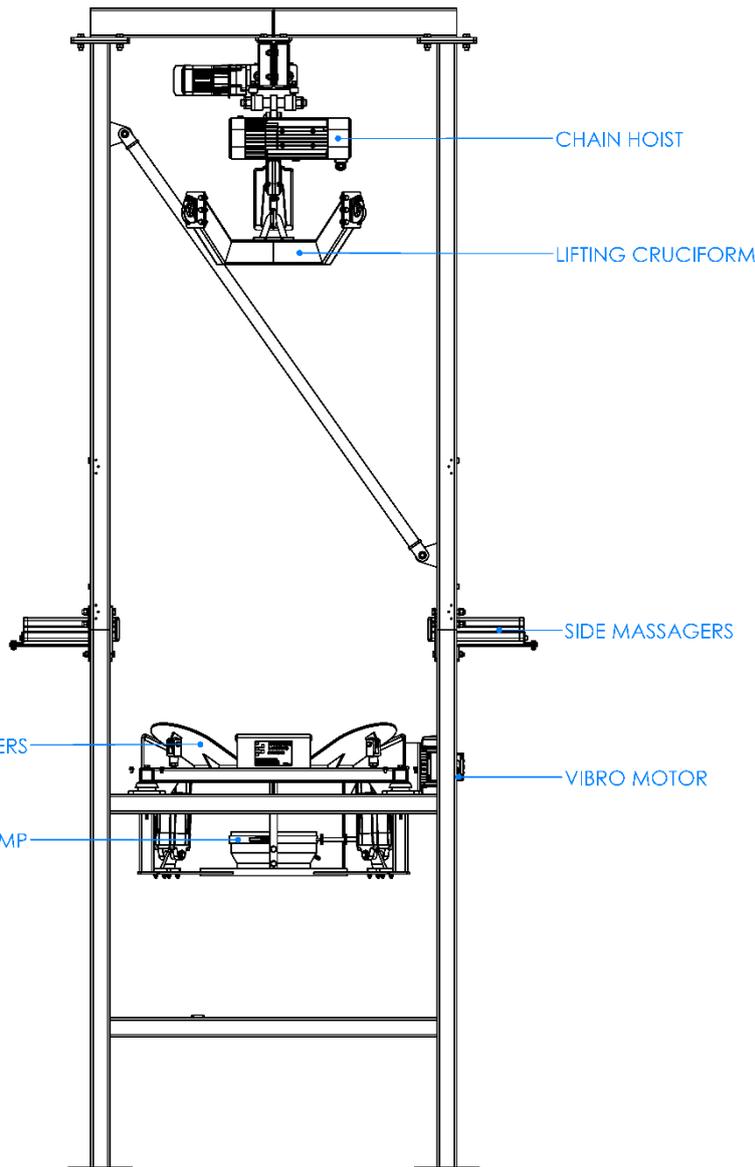
Big Bag Discharger

Ingredient Batching Systems Ltd have, from the ground up, designed a modular, easy to install big bag discharger. With robust research and development, IBS have listened to the bulk powder handling industry to design a Big Bag Discharger that includes all the features the industry would require – at a price that cannot be ignored! The IBS discharger can be configured to meet ATEX requirements, include bottom and or side massagers, feature an elongated lifting beam when required, and can be reduced in height to fit in to restricted environments.

The IBS Big Bag Discharger makes it possible to discharge big bags reliably into a closed production system. With very little generation of dust, it will improve efficiency and reduce your costs.

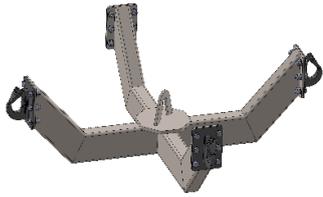
The discharger uses hygienic design principles & food safety standards that dramatically reduce dust collecting points. This also reduces cleaning frequency & time, benefiting any environment where dry powder is being handled.

The frame has been rigorously tested and developed with structural steelwork designers to reduce member sizes into manageable sections while still maintaining the same rigid support. Having such manageable sections means our discharger can be easily erected and installed by just two engineers in as little as a few hours!

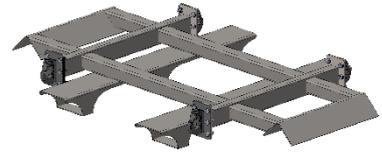




CHOOSE YOUR OPTIONS



Hoist Lifting Cruciform

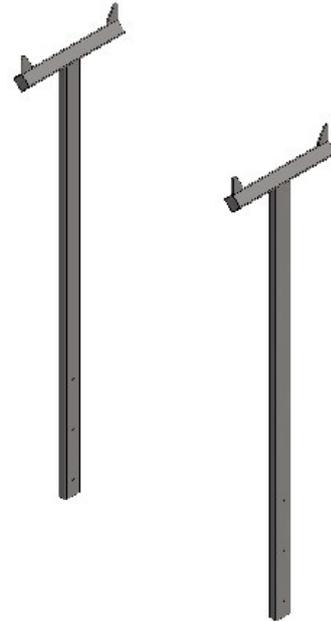


Forklifting Cruciform

LIFTING CRUCIFORM



Chain hoist Upper Frame



Forklift Loaded Adjustable Frame

LOADING INFRASTRUCTURE

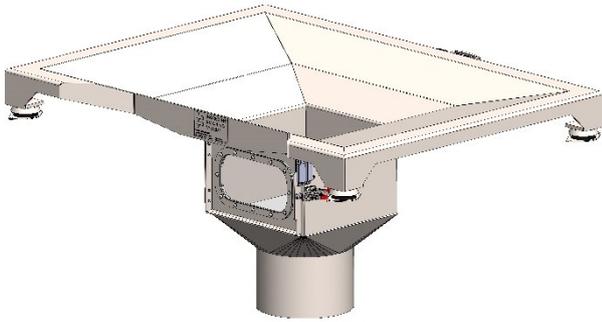


Standard Lower Frame

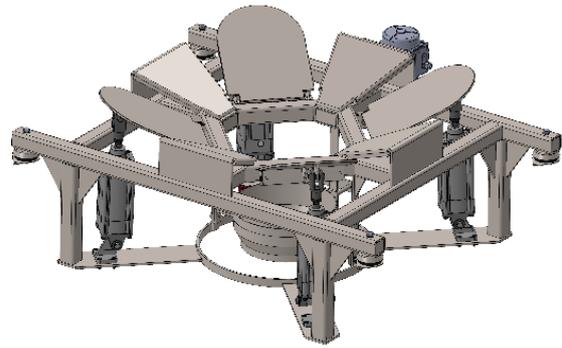


Forklift Loaded Lower Frame

LOWER FRAME – (Both lower frame options can accommodate any process interface)

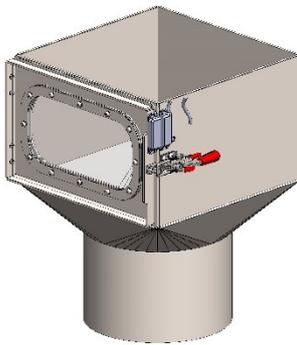


Vibrating Bed

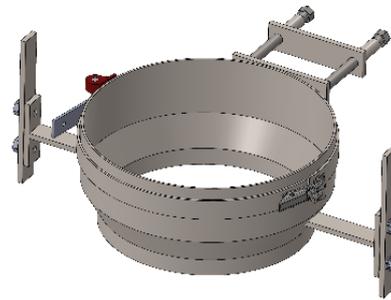


Bottom Massager Paddle Bed

FLOWABILITY

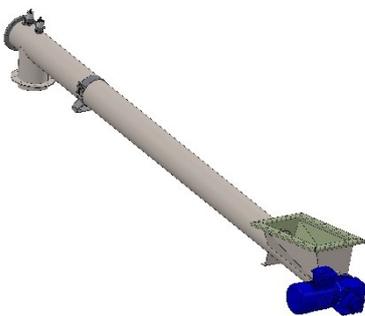


Access Door



Standard Bag Clamp

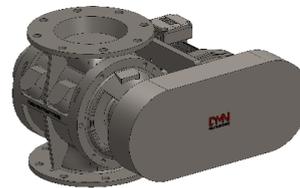
DUST CONTAINMENT



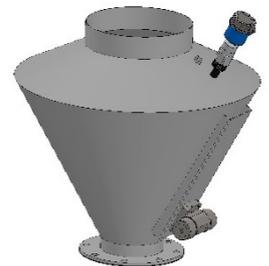
Screw Feeder



Sieve



Rotary Valve



Hopper

PROCESS INTERFACE



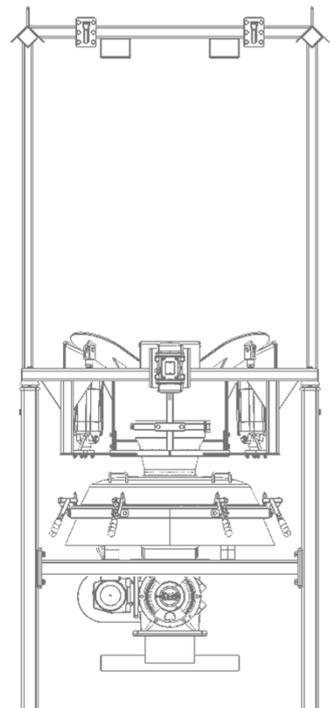
EXAMPLE ARRANGEMENT'S



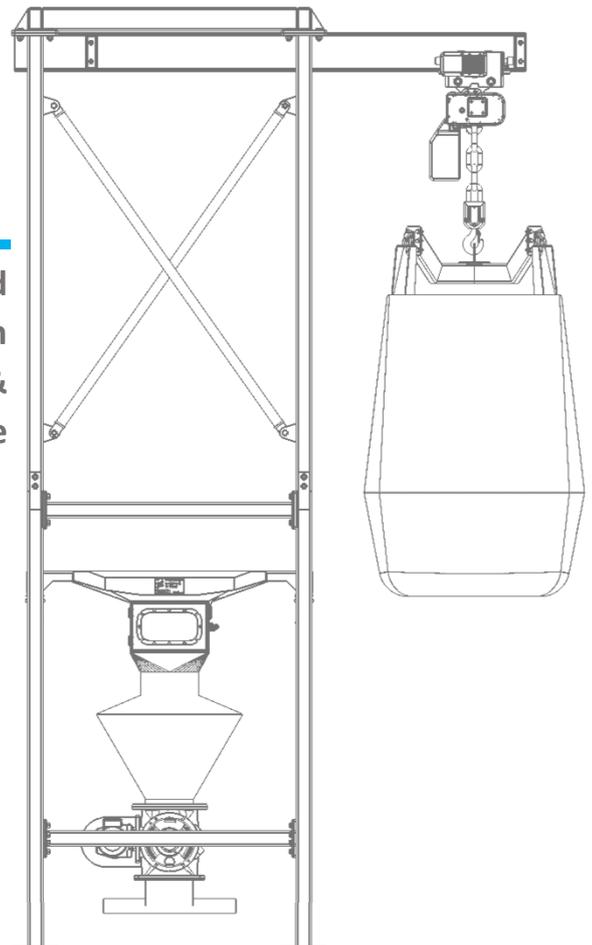
Fork Loaded Big Bag Discharger

- Fully adjustable in height
- Supports bags from 1.3m–1.7m in overall height
- Fork channels to suit standard FLT forks
- Stainless steel construction of contact parts
- Replaceable bag hooks

Fork Loaded Discharger with Sieve & Rotary Valve



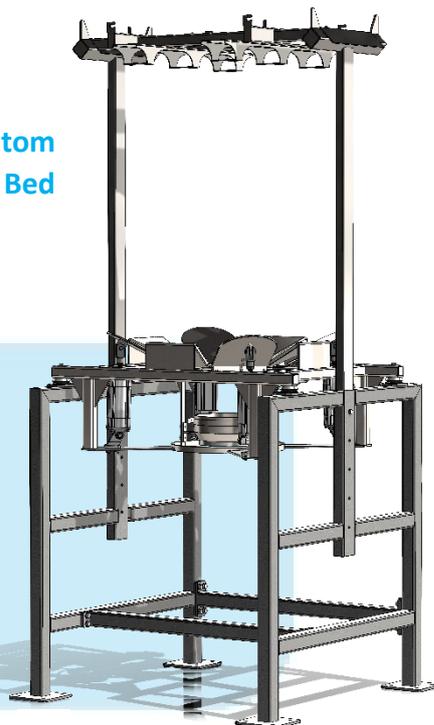
Hoist Loaded Discharger with Check Hopper & Rotary Valve



EXAMPLE ARRANGMENT'S



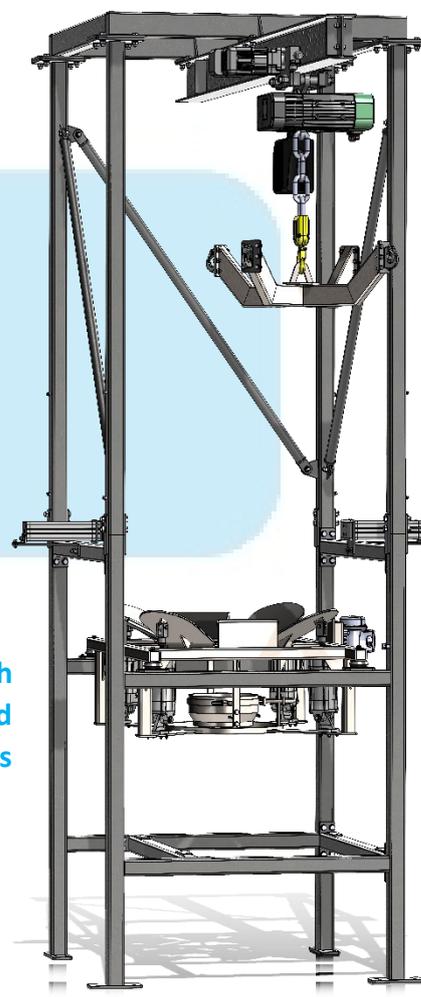
Fork Loaded with Bottom
Massager Paddle Bed



Chain Hoist Loaded with
Vibrating Bed



Chain Hoist Loaded with
Bottom Massager Paddle Bed
& Side Massagers

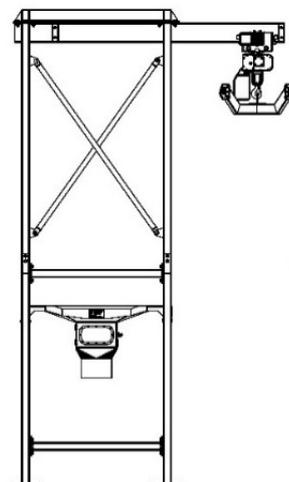
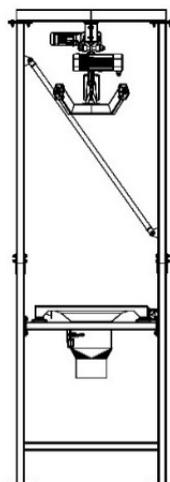
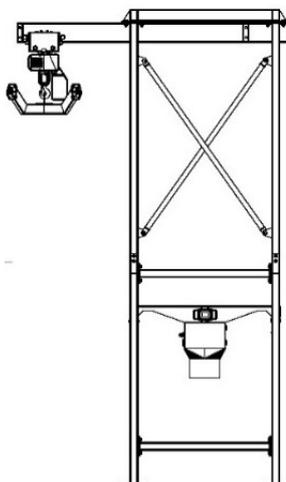




TECHNICAL SPECIFICATIONS



Load bearing capacity	500kg – 1250kg
Design	Frame: Mild steel powder coated RAL9001 Or Stainless-Steel gr.304 Parts in immediate contact with product: Stainless-steel gr.304 Optional finish extras: Bead blasted stainless-steel.
Weight	1000kg – 1700 kg
Control Voltage	24v DC
Supply Voltage	415v DC
Protection Class	IP 54
For use with:	Big Bags with max dimensions of: 1200mm x 1200mm Bag height (H): 1300mm min – 2000mm max Outlet length (L): 400mm min – 550mm max Outlet diameter (D): 350mm min – 550mm max





SAFETY

The IBS big bag discharger can be configured to include full guarding around any dangerous equipment. This comes complete with sliding bolt interlock switches that can be integrated with the electrical safety circuit to shut down any harmful equipment if any of the gates are opened during operation.



QUALITY ASSURANCE



Ingredient Batching Systems Ltd have applied the principles of hygienic design of equipment for food manufacturing. The fundamental reason for its application is to prevent contamination of food products. These design decisions make the unit easy to clean by reducing the number of flat surfaces, where product can build up.

Additionally, our big bag discharger has been signed off by qualified structural engineers with all structural fabrication applied by EN 1090 qualified outlets. Also boasting full CE & UKCA marking in accordance with UK and EU legislation.

A Safe Working Load test is performed on every IBS-Big Bag Discharger to ensure a safe working load of 1250kg. This includes the lifting beam, hoist and lifting cruciform. Every discharger is also required to be Safe Working Load tested again once fully installed on the client's site.

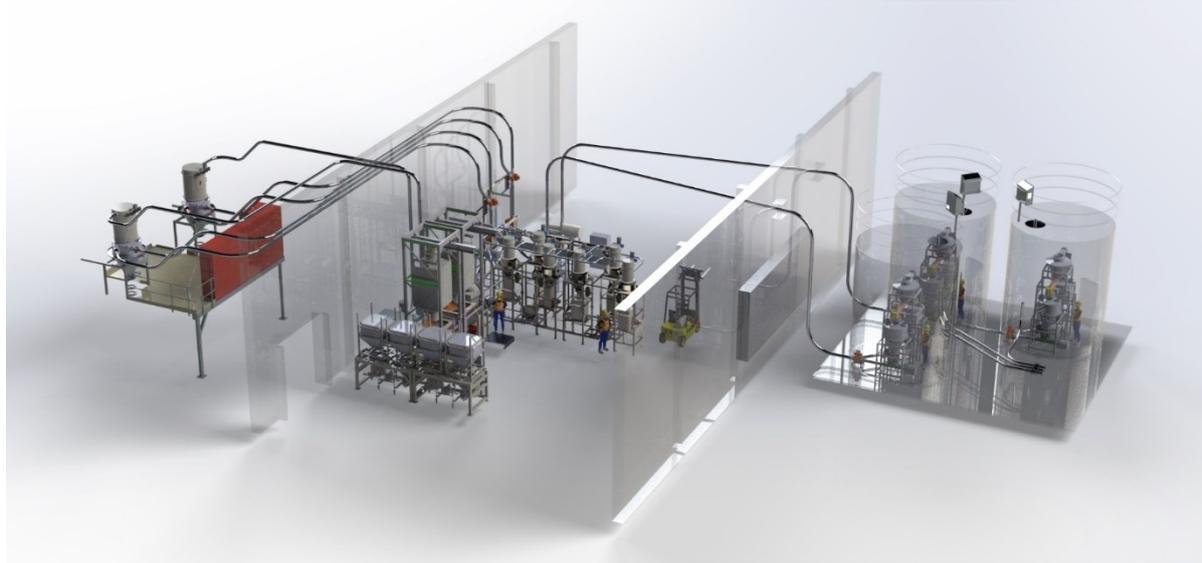




OUR CORE CAPABILITIES

**PNEUMATIC
CONVEYING**

**FULL TURNKEY
SYSTEMS**

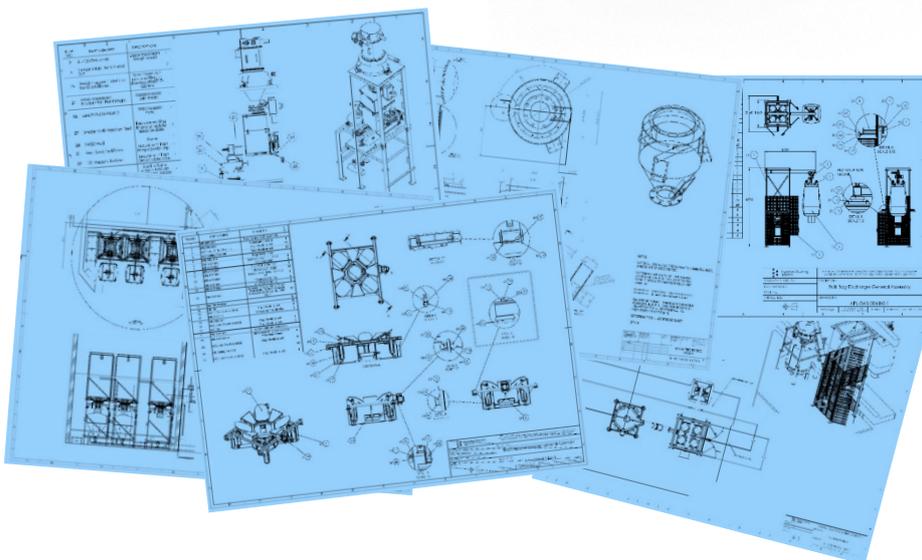


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MAINTENANCE**

SPARE PARTS

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Our Core Capabilities



Feasibility



Design



Engineering



Manufacturing



Project Management



Installation



Commissioning



Customer Support



Maintenance



Ingredient Batching Systems



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