

## **READYGo™ CHOPPER/BLENDER (New and Improved!)**



The compact solution to transform frozen material into a flowable product efficiently and safely

# READYGo™ CHOPPER/BLENDER With New Features

Our READYGo™ CHOPPER/BLENDER system combines nearly everything needed to transform frozen material into a flowable product on a single skid mounted platform.

By connecting the critical components needed to process frozen material, the time and effort needed to design, install, configure and commission a complete solution is greatly reduced. Purchasing a system instead of individual pieces also eliminates the risk of incorrectly sizing components which can result in lower production and efficiency.

Designed with safety in mind, this system includes integrated safety features such as a light curtain interlock for the drum dumper and safety gates on the access platform. By including protective screens that create a safety zone around the system, the level of safety is greatly enhanced when compared to most other systems.

## New features

- ✓ Updated with latest generation safety PLC from Allen-Bradley for maximum risk mitigation
- ✓ Drum dumper safety and power circuits now fully integrated into the on-board control system for troublefree operation
- ✓ Newly upgraded light curtains for easier adjustment and troubleshooting
- ✓ New graphic interface design for simpler operation
- ✓ Upgraded to stainless motors on the pumps
- ✓ New stainless steel decking and stairs for better hygiene
- ✓ Optional customized integration into existing plant control systems for CIP and remote monitoring
- ✓ Optional JBT iOPS® gateway connectivity
- ✓ Now with optional 316L product contact surfaces in the chopper/blender

The READYGo CHOPPER/BLENDER includes all the critical elements needed on a single convenient skid. These elements include:

### Chopper/Blender

The heart of the system, our Chopper/Blender is an industry workhorse that has become a standard throughout the world. With a 300 gallon capacity and powered by a 5 HP 3-phase motor, this chopper/blender is robust and versatile enough to handle a wide variety of product needs including single ingredient preparation or multiple ingredient blending.

### Drum dumping system

Combining heavy duty T304 SS construction, smooth welds and state-of-the-art manufacturing practices, this drum dumper is able to handle loads of up to 500-lbs.



### Hot water system

The JBT- designed hot water system is rated for up to 1,200-lbs/hour steam flow (500 lbs/hr estimated consumption). Complete with a 150 psi-rated bronze body gate valve for manual shutoff of steam supply.

### Safe Access Platform

Allows easy access to drum containers while keeping the operators outside of the safety zone. An interlocked access area allows operators to reach into the drum dumping area in order to adjust the drum or drum liner during operation. The interlock will safely pause both the dumper and Chopper/Blender to help minimize potential safety issues.

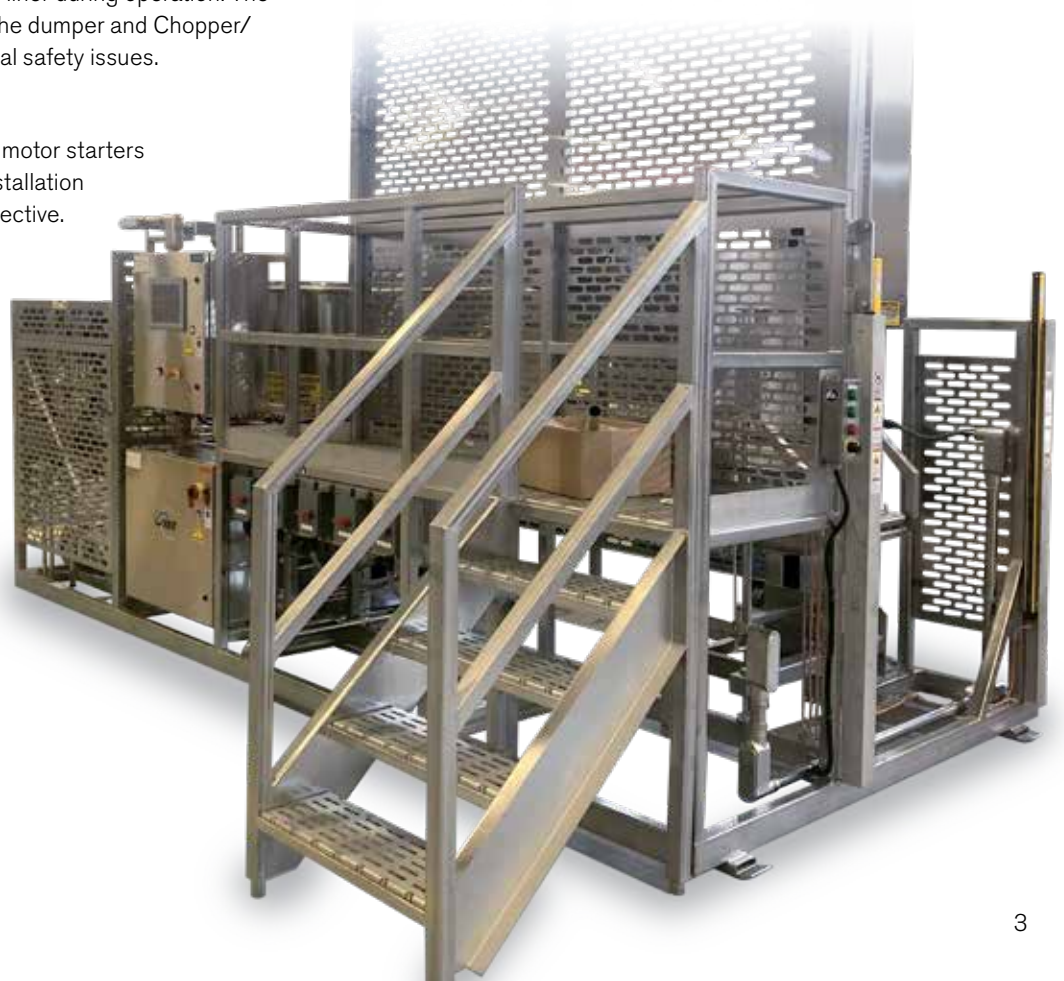
### Electrical Control Panel

Equipped with all the necessary motor starters and controls needed to make installation at your plant simple and cost-effective.

### CIP System

CIP sprays and lid interlocks are a standard part of the skid. This system uses customer supplied 2% caustic to perform the clean-up.

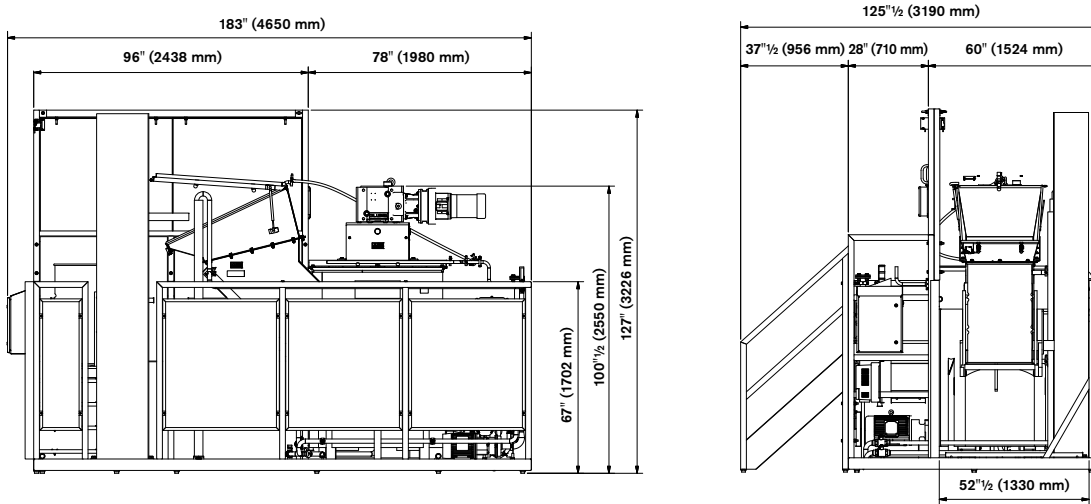
Operators need only supply the necessary utilities and piping to and from the system in order to have a complete, drop-in solution. If desired, JBT can assist with piping and valve installation as well.



# READYGo™ CHOPPER/BLENDER - Approximate Specifications

## SKID UTILITIES NEEDED

|                            |  |
|----------------------------|--|
| <b>STEAM</b>               | 1'-1/2" NPT Connection - 60 PSIG at 500 lbs/hr minimum (4.14 bar at 228 kg/hr) |
| <b>WATER</b>               | 1'-1/2" NPT Connection - 30 PSIG and 20 gals/min (2.1 bar and 4540 l/h)        |
| <b>CIP SOLUTION</b>        | 2% Caustic - 100 Gallons (380 liters)  |
| <b>INSTRUMENTATION AIR</b> | 80 PSIG (5.5 bar)  |



## COUNT ON JBT TO HELP PROTECT YOUR INVESTMENT

JBT's greatest value in PRoCARE® services comes from preventing unexpected costs through smart, purposeful, and timely maintenance based on unmatched knowledge and expertise. PRoCARE service packages are offered as a maintenance agreement in various service levels, depending on your production and cost management requirements.



## JBT LIQUID FOODS

FRESH PRODUCE TECHNOLOGIES | FRESH-CUT, ROBOTICS, STEAMING | FRUIT AND VEGETABLE PROCESSING | SECONDARY PROCESSING | ASEPTIC SYSTEMS | FILLING AND CLOSING | IN-CONTAINER STERILIZING | TRAY SEALING | HIGH-PRESSURE PROCESSING | POWDER PROCESSING | TUNA PROCESSING

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