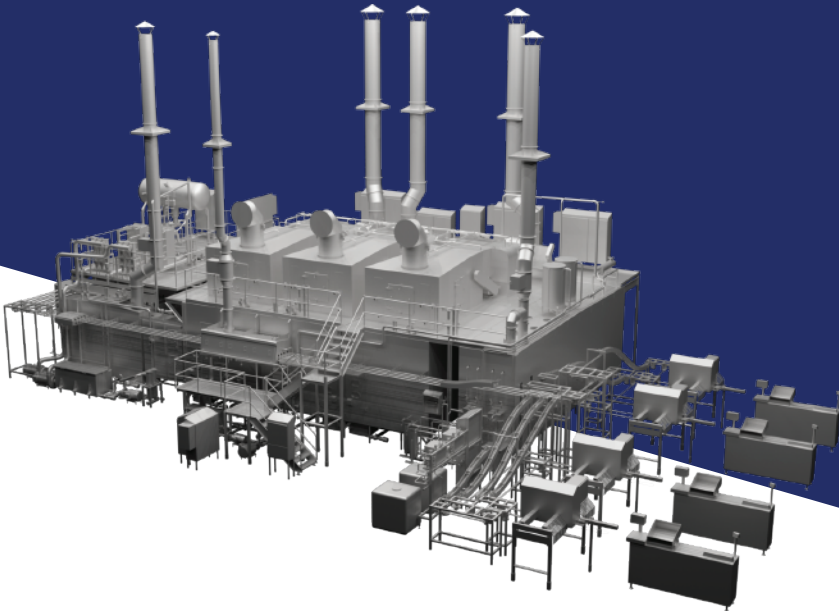


J-CON™

Continuous Processing
COMPLETE AUTOMATION
Hot Dogs & Smoked Sausage



LABOR REDUCED & Ergonomically Designed

- No stick handling labor required - auto loading and unloading of product
- Two peeler stations only require one operator
- Hands free operation minimizes the chance for contamination
- Direct linking onto processing chain without sticks

Process provides SUPERIOR CONSISTENCY & QUALITY

- Uniform spacing eliminates 'Touchers' to ensure consistency in airflow and results in better product color, temperature and exceptional yield
- Process provides increased uptime, capacity, and consistency
- Buffer eliminates human fluctuations in loading while maintaining a consistent processing speed

Higher Yield
Reduce Rework & Labor
Consistent Product

FLEXIBLE ZONE LAYOUT

- Modular concept - zone number varies by process type
- Orientation - change direction to optimize plant layout
- Smoke zones - flexible process to optimize product attributes

CASING LENGTH

- Up to 300' long casing
- Capable of many diameters of sausages
- Cellulose, poly, and collagen casings
- Reduces rework with fewer ends and fewer tie-offs



MIDDLEBY
FOOD PROCESSING

ALKAR

| | |
|------------------------------------|--|
| LOADING | <ul style="list-style-type: none"> • Stuffing operator operates and services the customer provided specially designed linkers which presents the stuffed casing to the chain on the Alkar buffer • Stuffer operator ties off the casing and maintains area |
| HEAT ZONES | <ul style="list-style-type: none"> • Modulating control of wet-/dry-bulb temperatures to precisely cook product • Steam humidity control • Direct gas burner or steam heated utilizing stainless steel coils • VFD main blower assembly with oscillating airflow • Processing fresh air from room or outside • Stainless steel header and nozzle distribution for CIP solution • VFD controlled stainless steel CIP pump with filtration • Exhaust fan with modulating exhaust • Insulated stainless steel cabinet with Super Austenitic 6Moly internal surface skin • Interlocked access doors with air gasket seal |
| VOID ZONES | <ul style="list-style-type: none"> • Insulated stainless-steel cabinet with Super Austenitic 6Moly internal surface skin • No exhaust or optional exhaust |
| BRINE CHILL ZONE | <ul style="list-style-type: none"> • Insulated panel construction with 304 stainless steel • Stainless steel distribution piping and nozzles for process and CIP • Plate and frame exchanger with Titanium plates and epoxy-coated frame • Recirculated ammonia low side controls included. Flooded ammonia, glycol and other refrigerant gas or fluid control by customer • Interlocked access doors with air gasket seal • VFD controlled stainless steel pumps with filtration |
| AIR CHILL ZONE | <ul style="list-style-type: none"> • Insulated stainless steel cabinet construction • Stainless steel header and nozzle distribution for CIP • Interlocked access doors with air gasket seal • VFD controlled main fans |
| CONVEYOR WASH | <ul style="list-style-type: none"> • Completes the washing, rinsing, drying and lubricating of the conveyor chain • VFD controlled stainless steel pump with filtration for washing and CIP operation |
| DRIVE & UNLOADING | <ul style="list-style-type: none"> • Independently controlled top and bottom conveyors with variable speed control • Automatic discharge from conveyor chain onto the customer supplied conveyors • Custom conveyor chain with either 1.5" or 2.25" center hook spacing available depending on product diameter processed • Automatic conveyor chain take-up |
| CONTROLS | <ul style="list-style-type: none"> • Allen-Bradley or Siemens control (monitoring and logging of process temperature, conveyor speed, recipe, CIP, and maintenance) • Software installed on industrial computer • Graphical HMI (Human Machine Interface) • Modulating process control valves and dampers • Raw data for HACCP |
| CLEAN-IN-PLACE SYSTEM (CIP) | <ul style="list-style-type: none"> • Stainless steel distribution piping and nozzles • Brine zone receptor is used for mixing and getting solution to proper temperature and concentration • Access doors with air gasket seal • VFD controlled stainless steel CIP pump |