



DEVILLE
TECHNOLOGIES
INDUSTRIAL FOOD CUTTING SOLUTIONS

***High Capacity Solutions for
Pet Food Manufacturers***



Paul Krechel
Market Manager-Protein Industries


About Us

- 35 years experience in the industrial food equipment industry 1982

- Specialize in industrial food cutting solutions - 1998

- Design, manufacture and distribute FAM equipment (exclusive North America Distributor)

About Us



- Client Center – Canada and USA

- Provide complete line solution from product handling up to packaging

- Custom Solutions

Deville Technologies

- Partner with our clients to build long term relationships
- Develop complete solutions that deliver *business value*
- Design, test, and build equipment to deliver a perfect cut quality with impeccable hygiene

Client Support

- Deville Canada
- Deville USA
- Client Centers

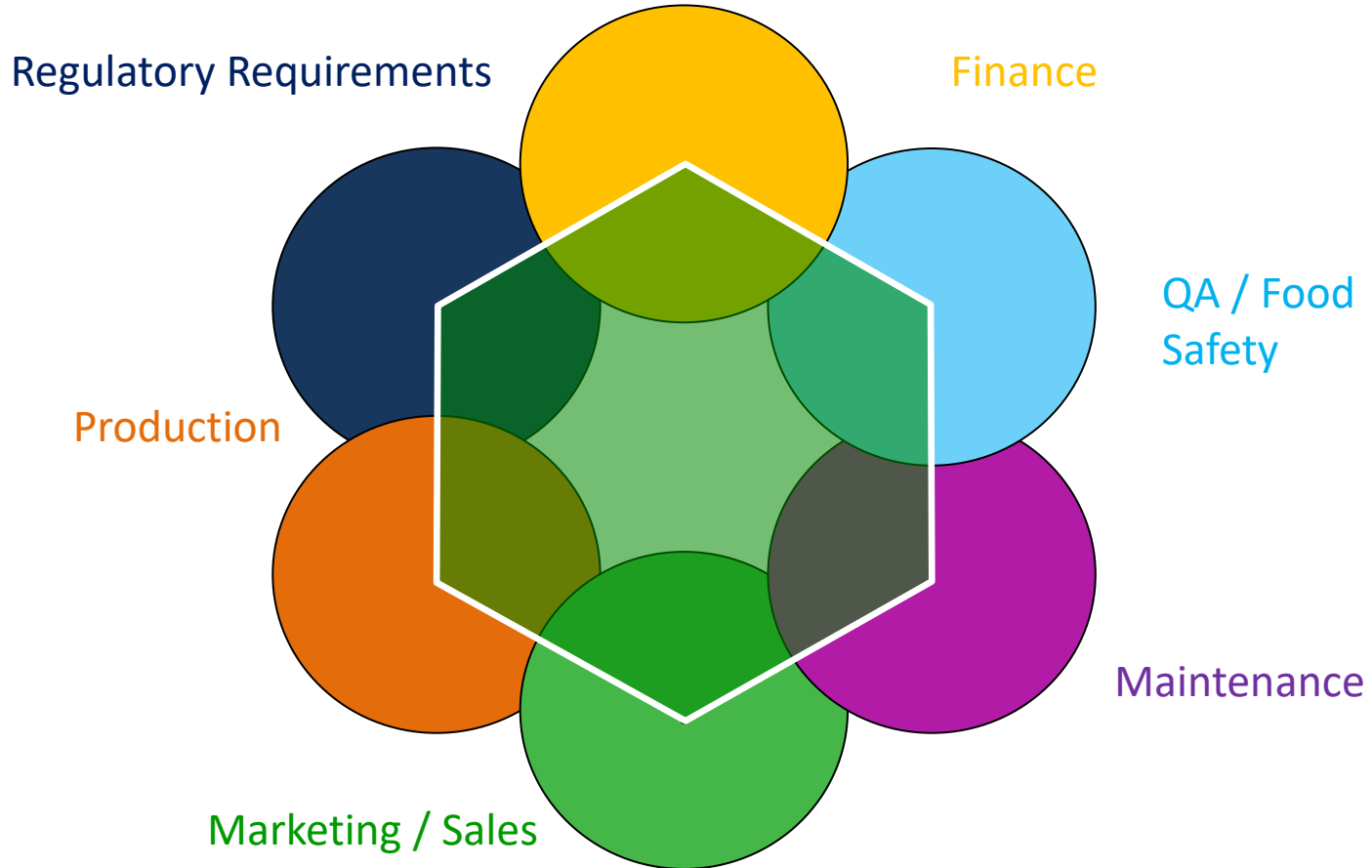


Service

- Gold Standard
- 24/7 support
- Dedicated Project Team



Holistic Approach to Sanitary Design



Slice, Dice, and Shred Deville/FAM



Incline Conveyor



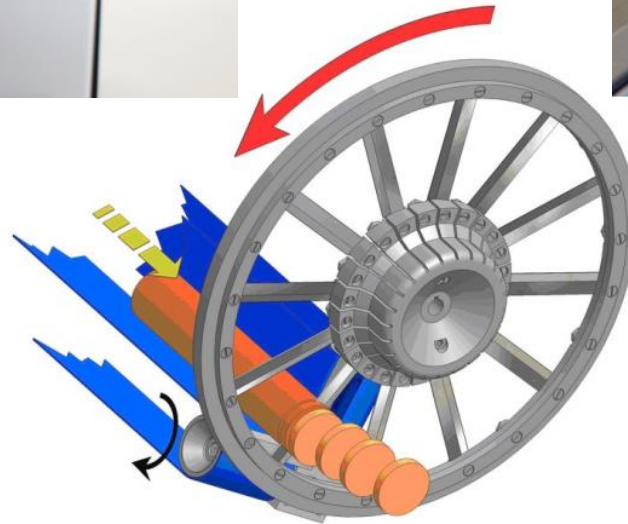
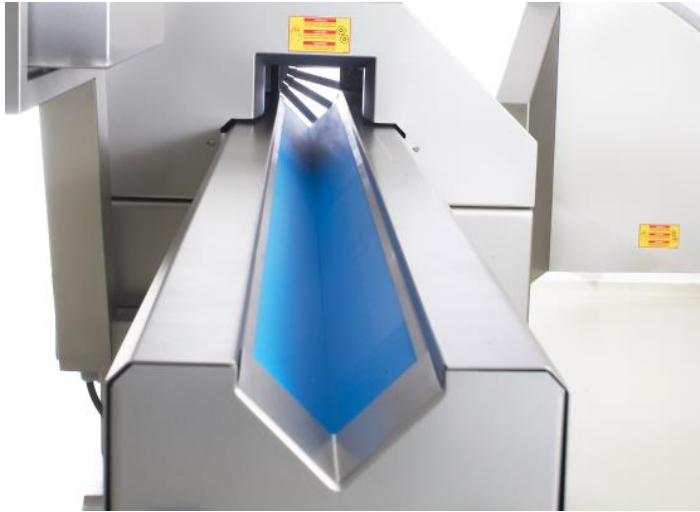
- Transports product to dicer
- $\frac{3}{4}$ HP Vandergraph drum motor, w/ Allen Bradley PowerFlex 525 VFD
- Tool-less disassembly
- Cantilever design for easy belt removal

1 Dimensional Cutting



- Mantis.2
 - V-Belt Slicer
 - Key Applications
 - Coin Slicing
 - Sliced chicken breasts
 - Pepperoni/sausage logs
 - Protein Strands
 - Vegetables

Mantis.2



1 & 2 Dimensional Cutting

- GD500
 - Guillotine Style Slicing and
 - Straight or Crossed Blades



GD500

Cutting principle

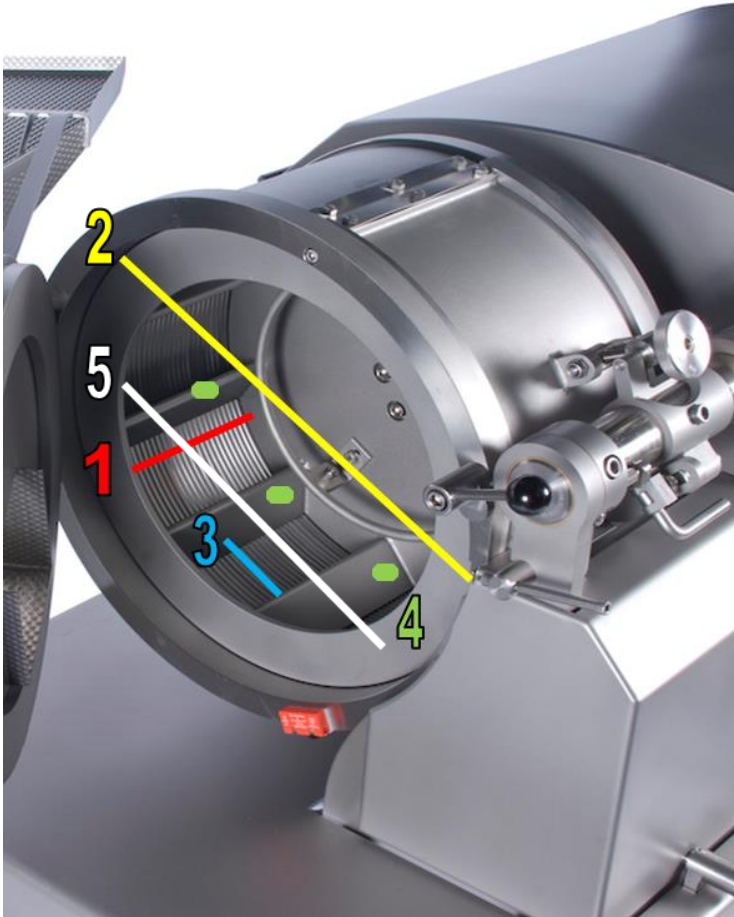


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3 – Dimensional Dicers CMD.2 and Flexifam

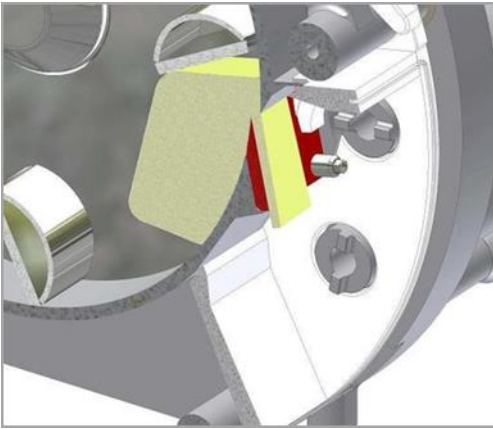


Dicer Selection Principle

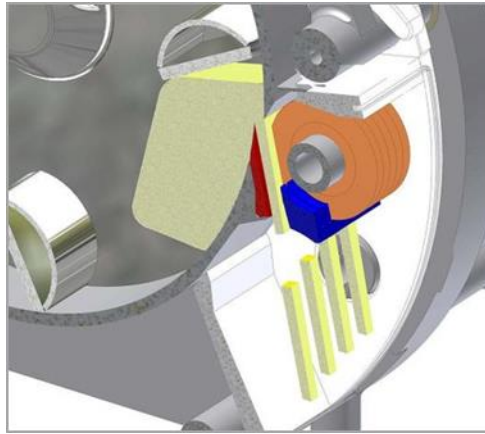


- Selection
- Size of the drum
 1. Drum depth
 2. Inner drum diameter
 3. Distance between 2 adjacent paddles
 4. Number of paddles
 5. Paddle wheel opening
- Cut sizes
- Capacity

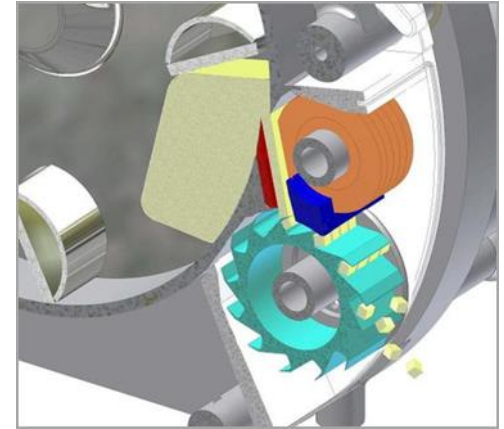
3 Dimensional Cutting



Slice



Strips



Dice

Flexifam

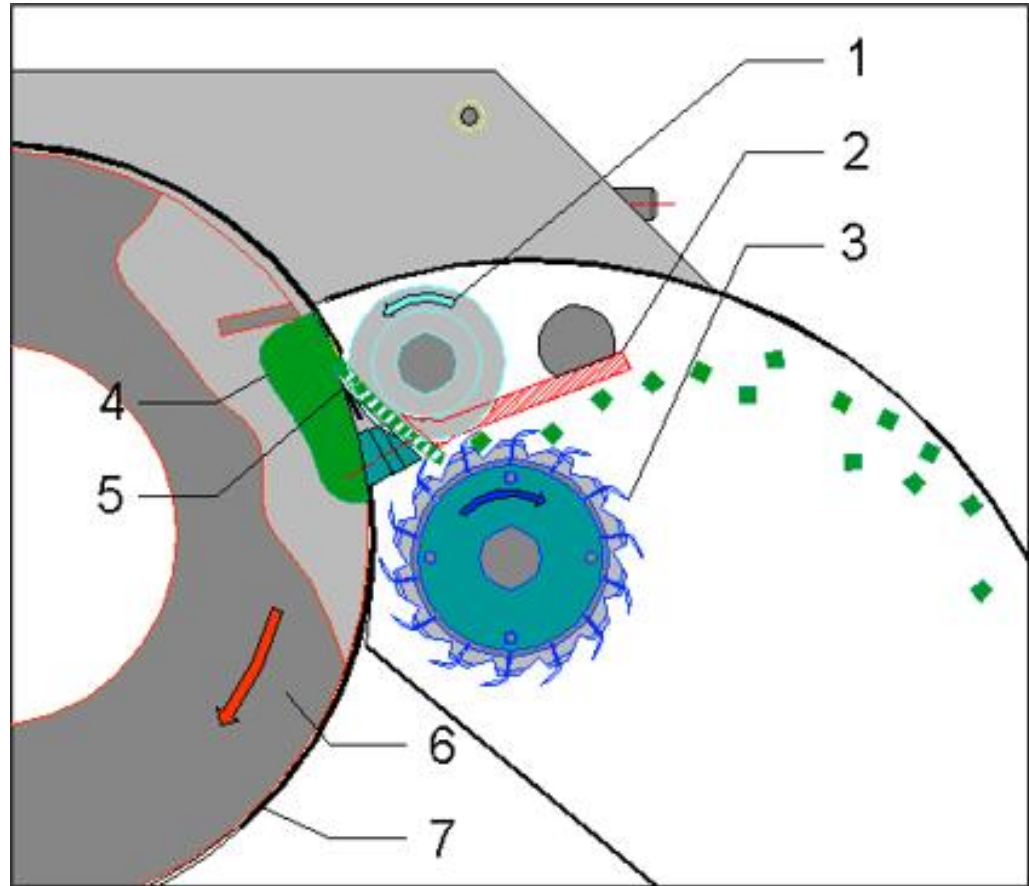
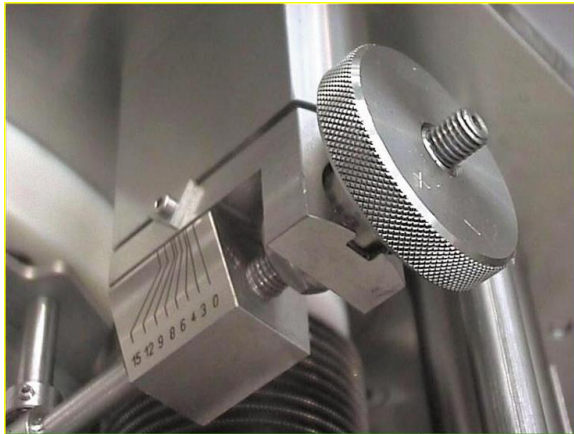
Medium Capacity Dicer



- 2,000-9,000 lbs/hr. *depending on cut size*
- Variable Frequency Drive
- Complete separation between drive and product zone
- Acceptable Cube Size: 5 inches
- Cut Sizes : 1/8" – 5/8"

Flexifam Cutting Principle

1. Circular Assembly
2. Shear Plate
3. Crosscut Assembly
4. Product
5. Slice Knife
6. Impeller Wheel
7. Drum



Flexifam Cutting Zone



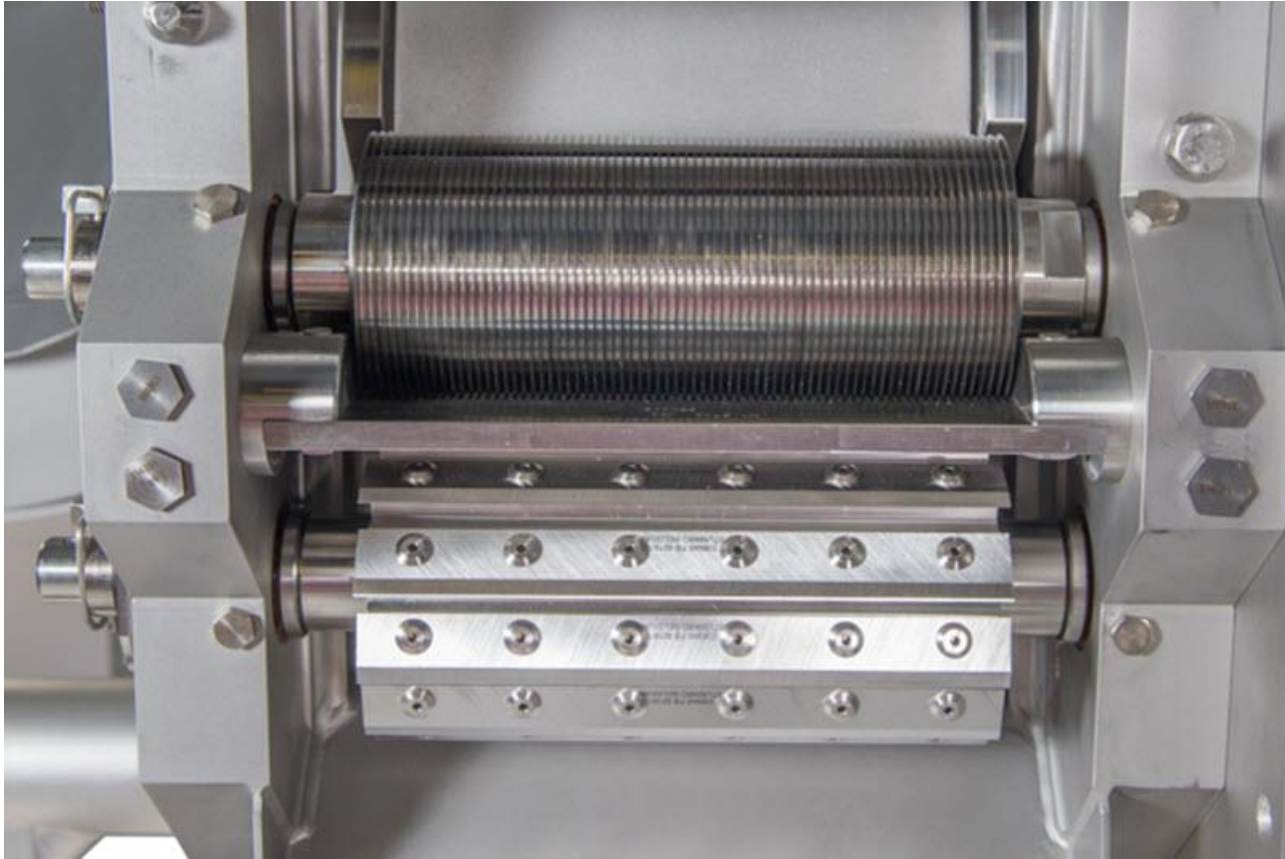
- Slice Knife
- Knife Holder
- Circular Knife Assembly
- Shear Plate
- Crosscut Knife Assembly

CMD.2 – Frozen Products

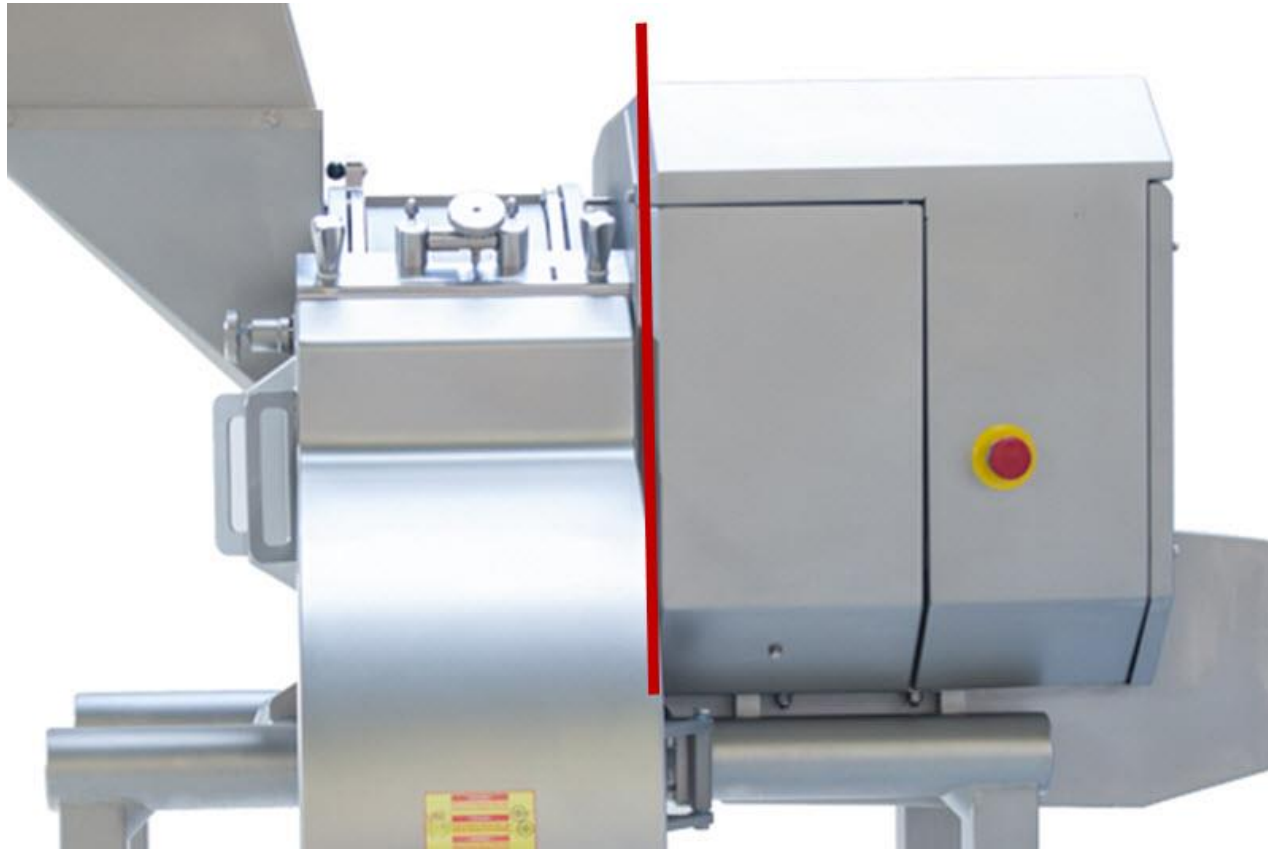


- Dices (1/8" - 1")
 - Fresh Chilled
 - Fresh Frozen
 - Cooked
 - Cooked Frozen (Food Safety)
- Large Drum Size for high capacities
- Heavy duty reinforced blades
- Robust design

CMD.2 Cutting Zone



Complete Separation between product and mechanical zones



Hymaks – USDA



- USDA Dairy Equipment Accepted
- High capacities up to 12,000 lbs/hr
- Automatic calibration of slice thickness
- Dice Sizes 1/8" - 1"

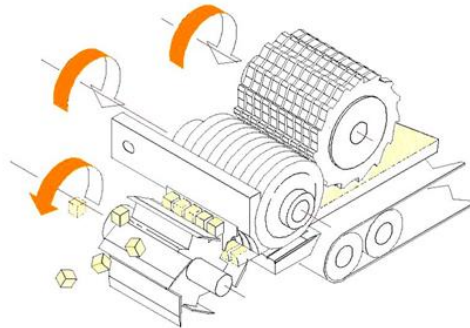
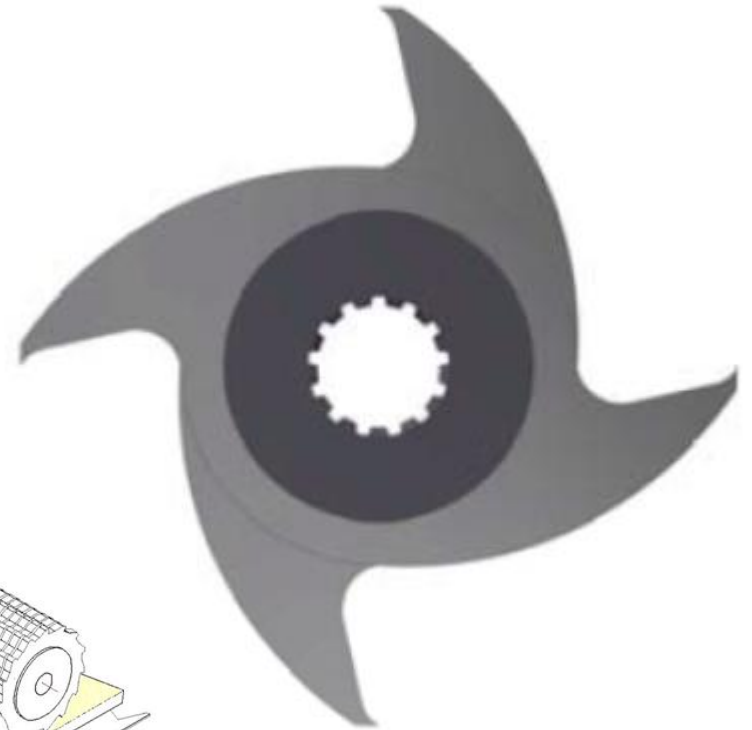
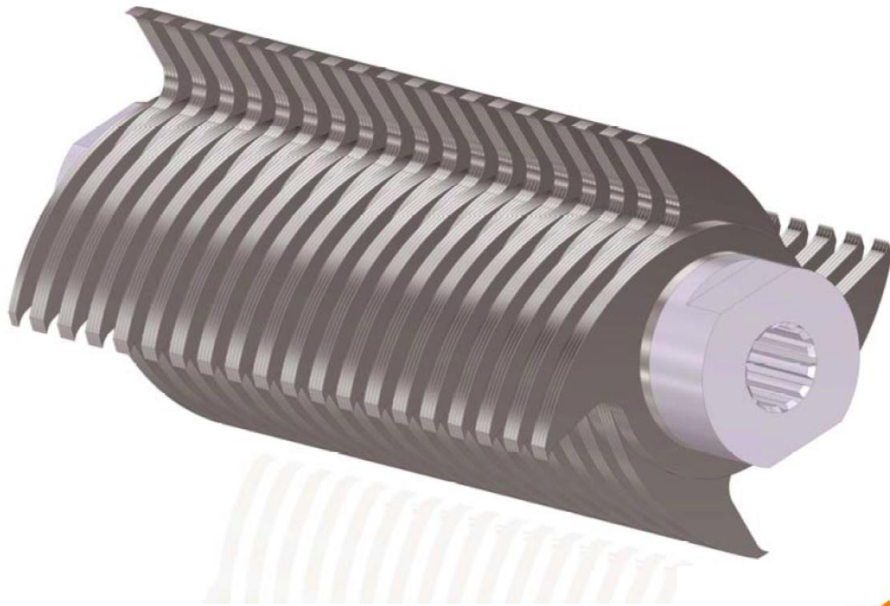
2 – Dimensional Cutting

Yuran Hytec

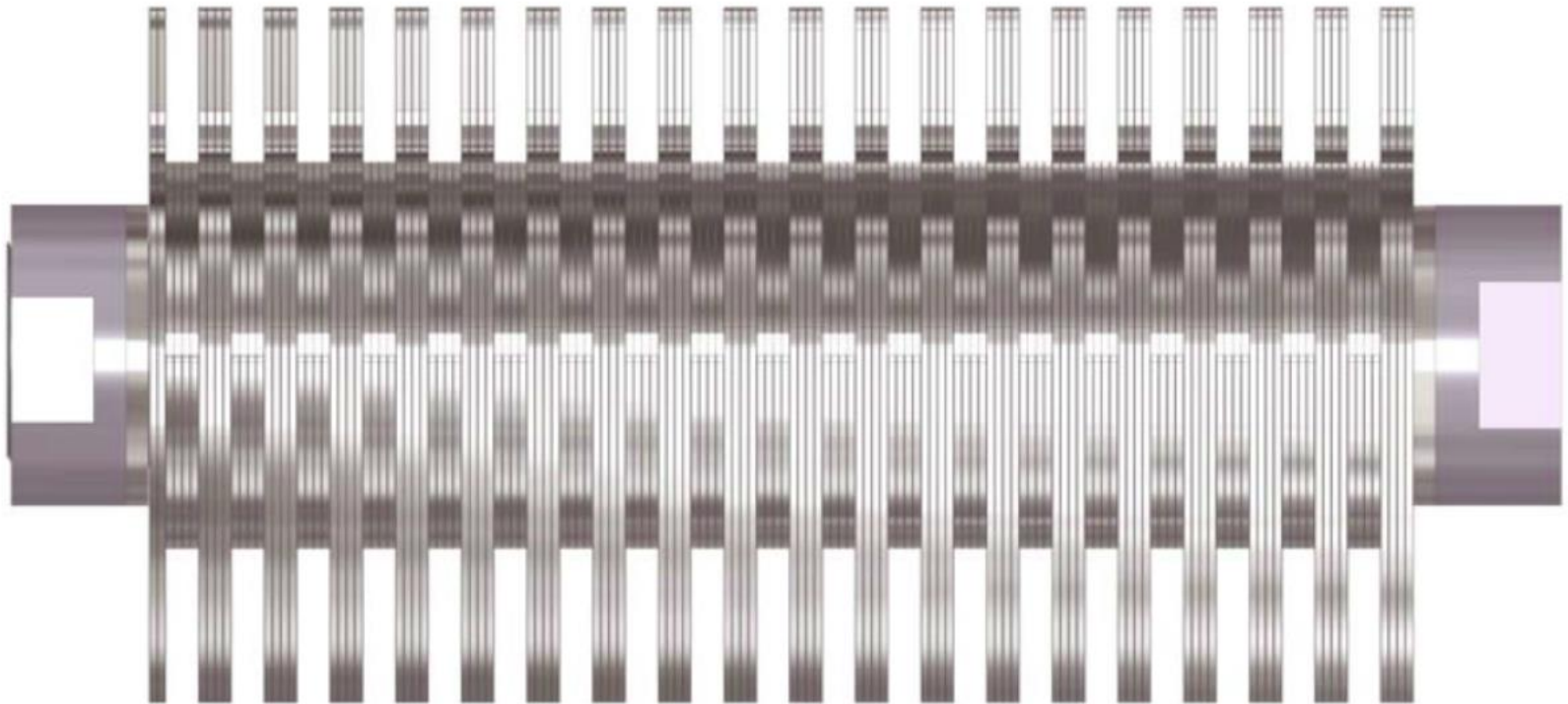
- 2- Dimensional cutting
- Dice and strip cutting
- Pulled look applications
- Separation between drive zone and product zone
- Medium capacity and high capacity options
- Hygienic design



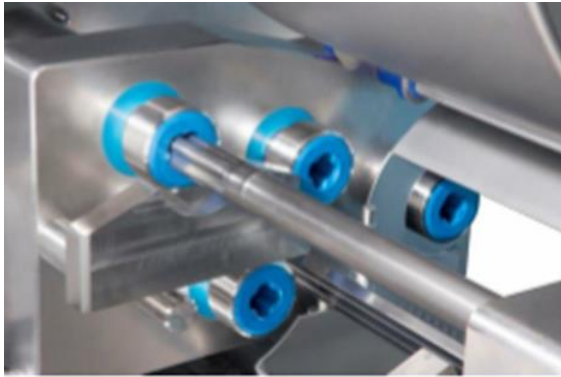
Adjustable Shred Configurations



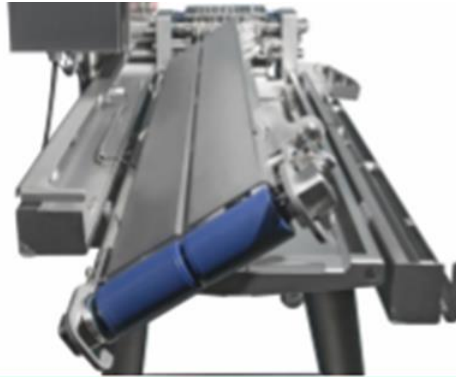
Configurations



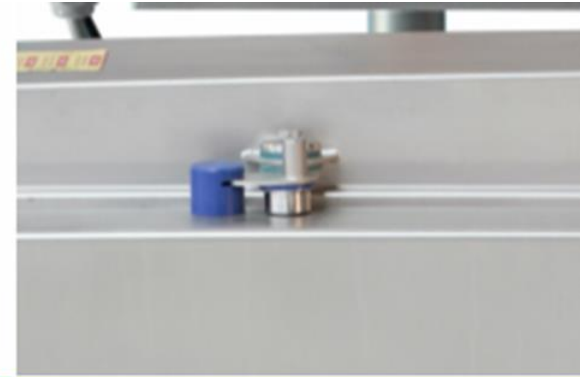
Yuran Hytec Features



Cutting tools with hygienic positioning shafts with clover profile.



Quick and ergonomic system for removal and tensioning of feedbelt.



Only 2 stainless steel safety switches prevent the machine from operating with open cover.



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Yuran Hytec Features



The machine is completely manufactured in stainless steel. No bronze bushings or corrosion possible.



Equipped with three-phase stainless steel motor for low energy consumption and designed for easy washdown.



The drive zone and the product zone of the machine are completely separated.



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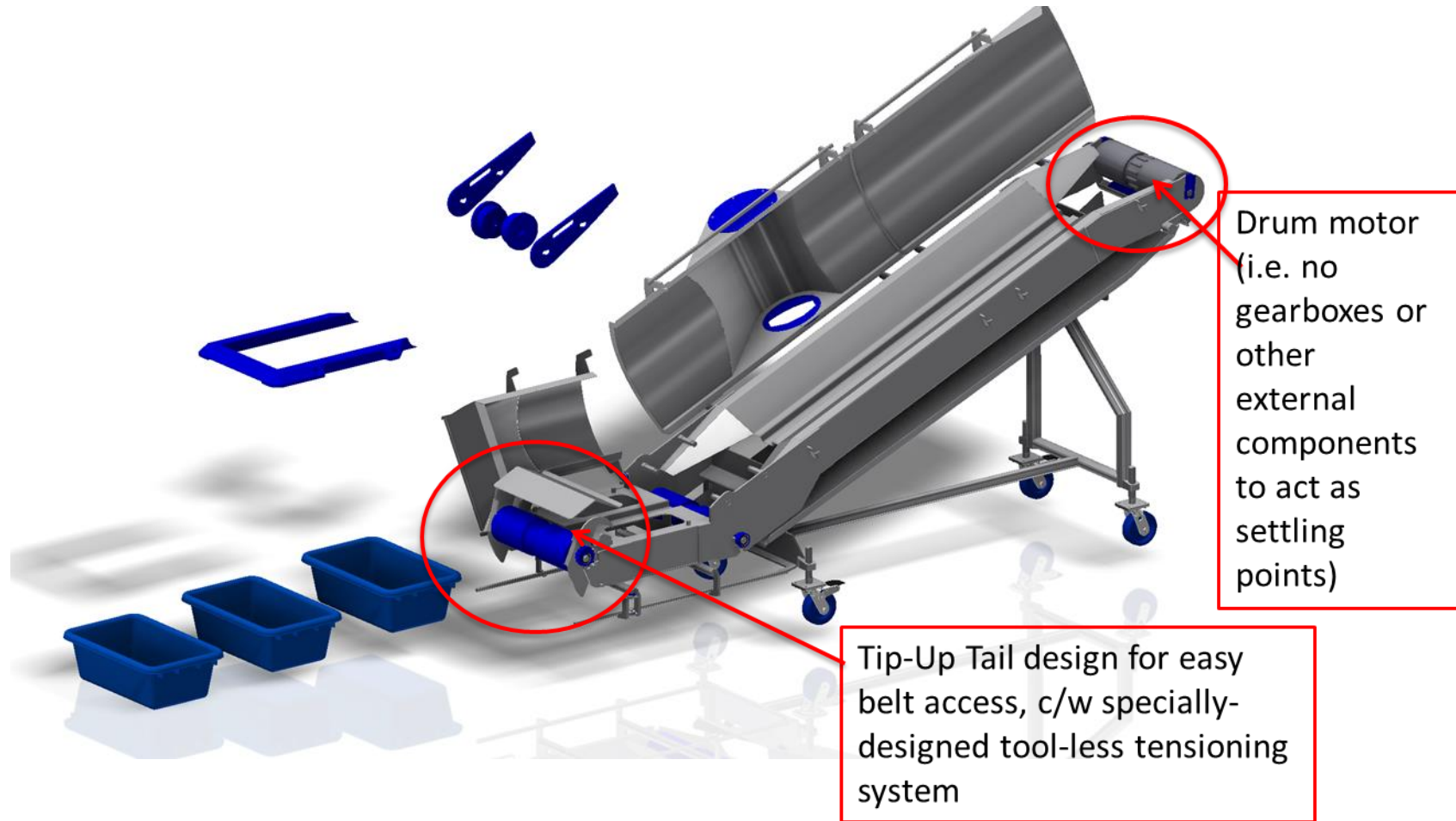
Ancillary Equipment



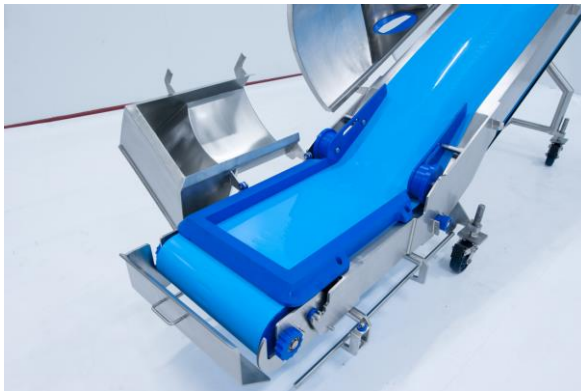
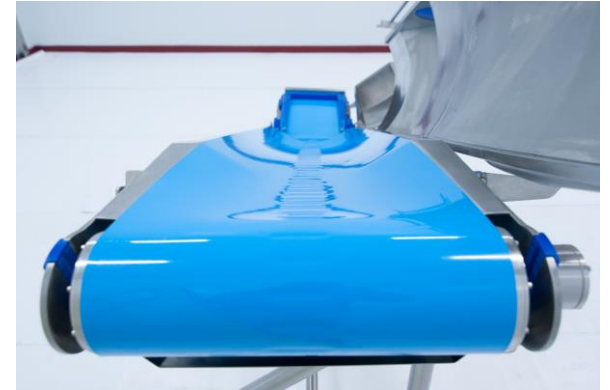
Deville Exit Conveyor from Dicer



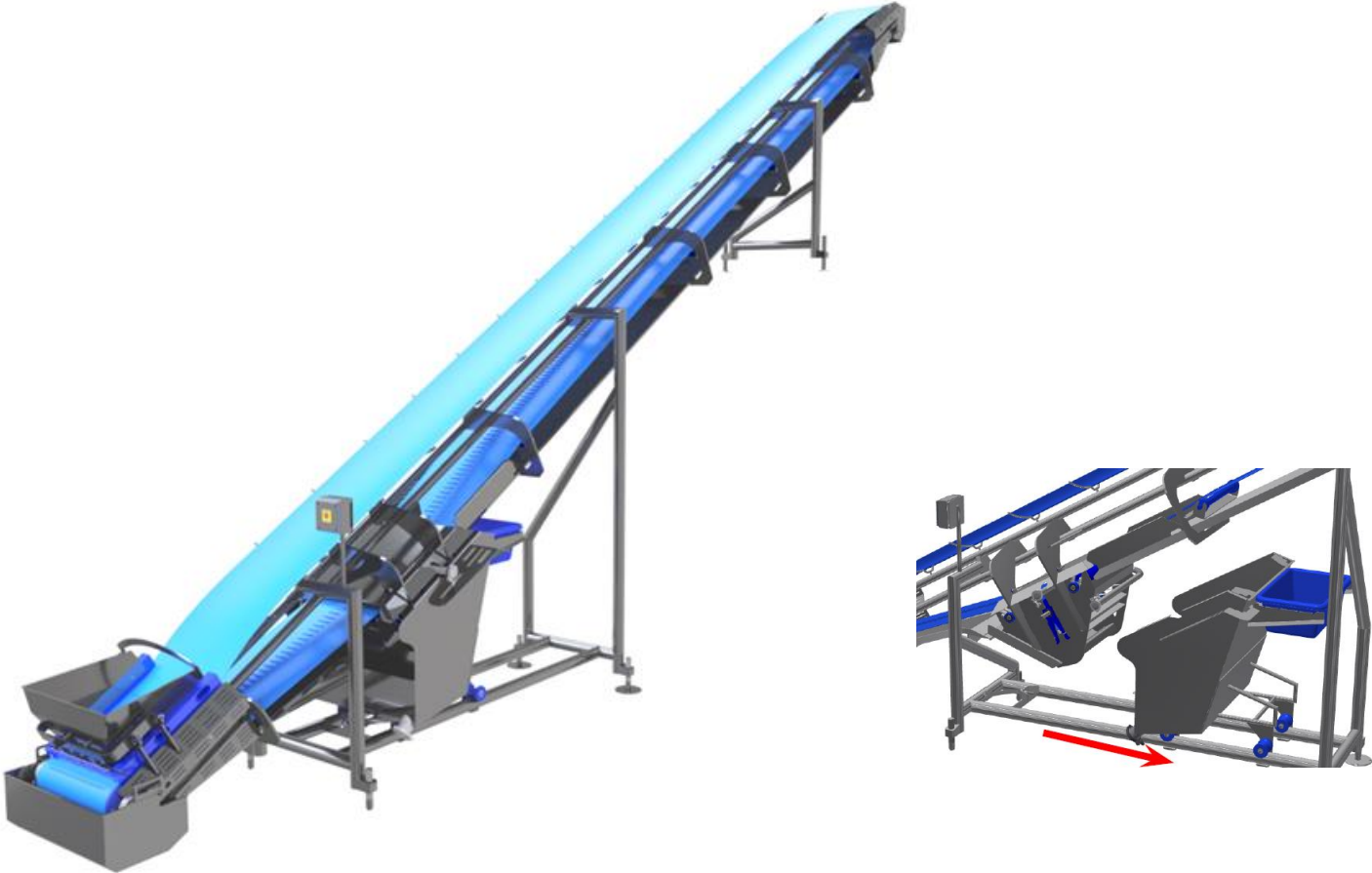
Exit Conveyor from Dicer



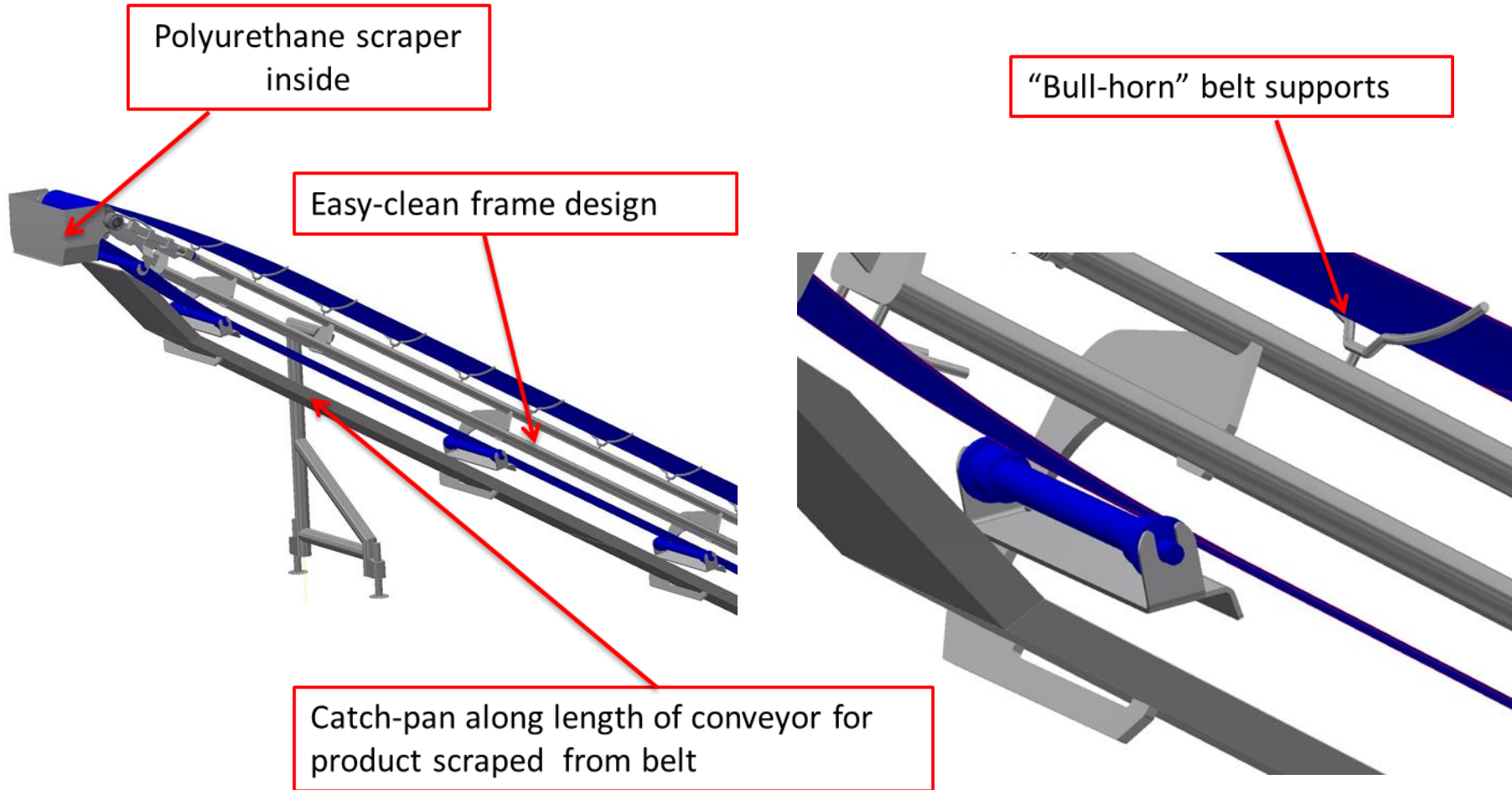
Deville Exit Conveyor



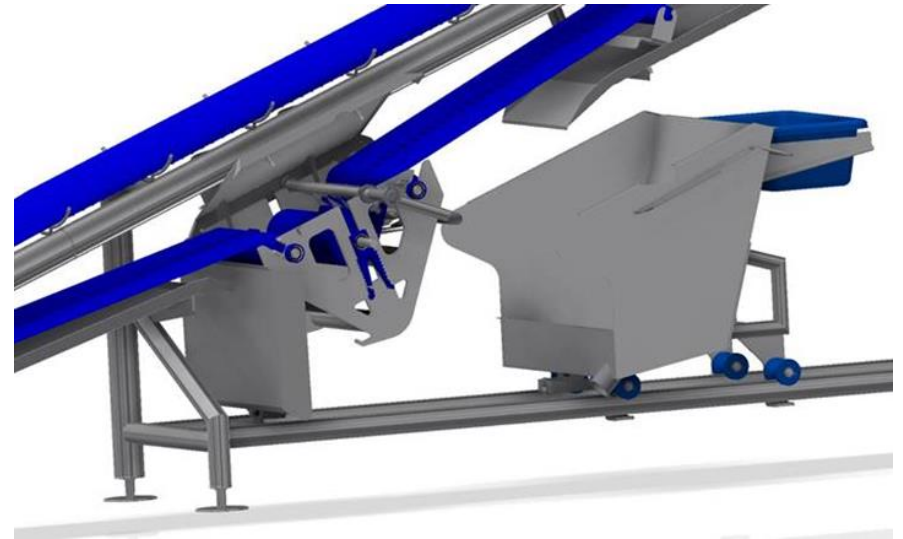
Deville Custom Conveyor to Scale



Deville Conveyor to Scale



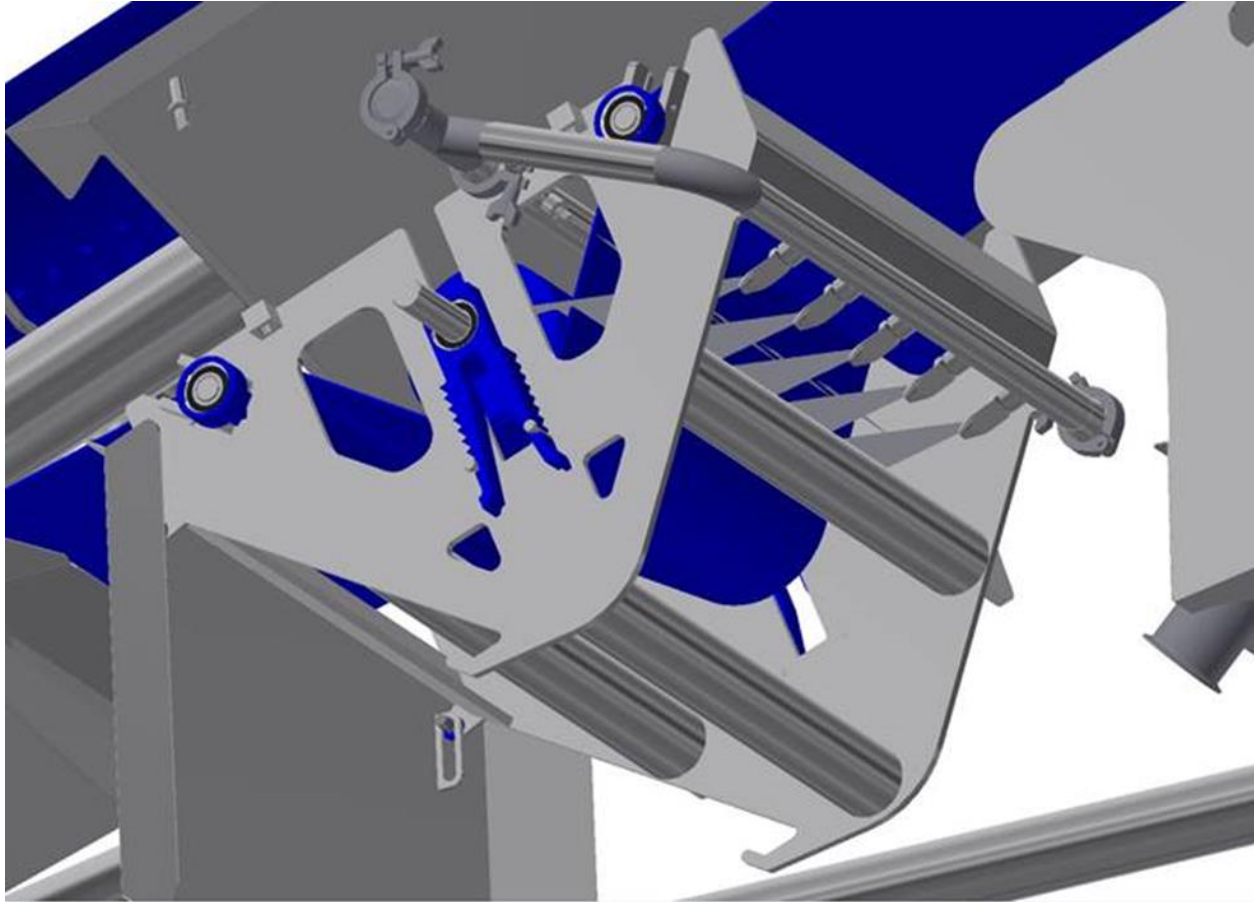
Conveyor CIP Option



- CIP system for on-line continuous pre-cleaning of belt with hot water or caustic solution
 - Tank designed with inlet and outlet ports, and can be designed to allow cleaning-solution recirculation
- Easy-open access on integral rails

Conveyor CIP

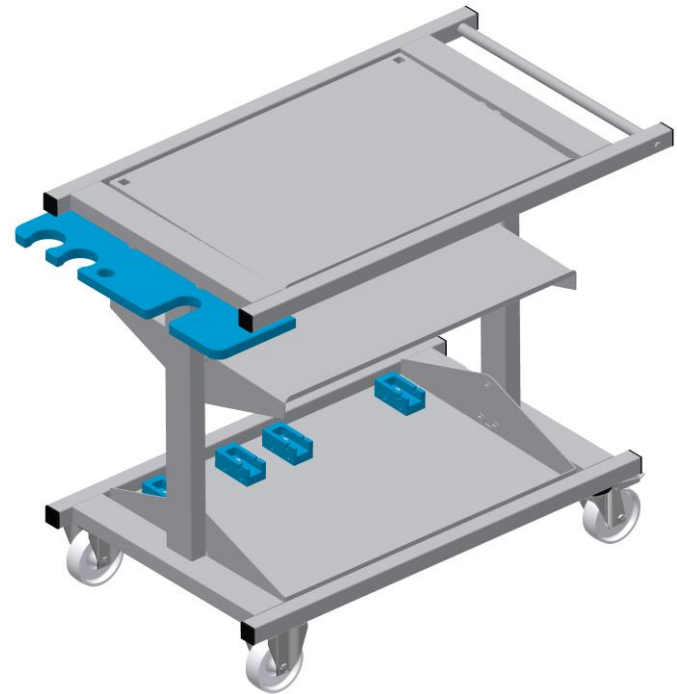
- Integral high-pressure nozzles to clean top and bottom of belt



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Cutting Tool Trolley

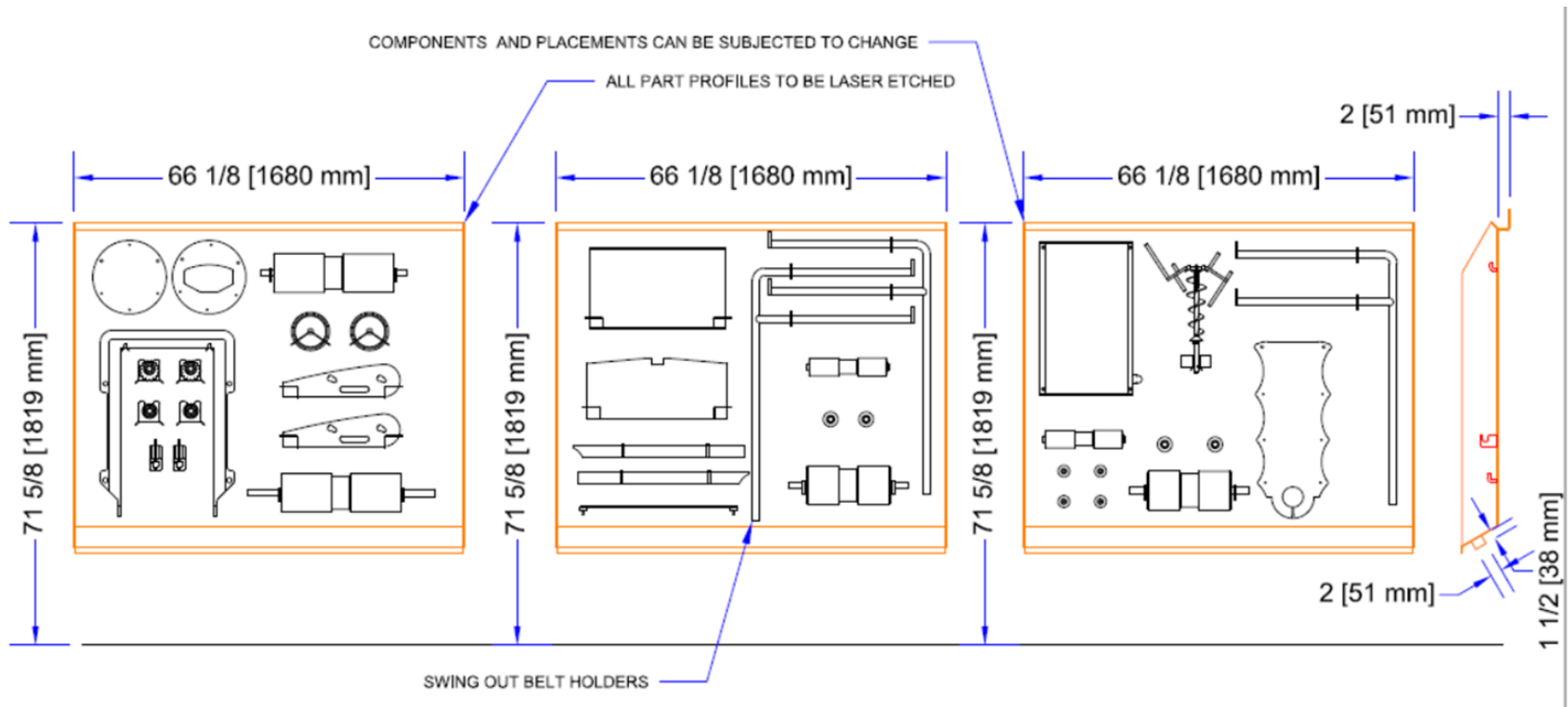
Storage and Sanitation



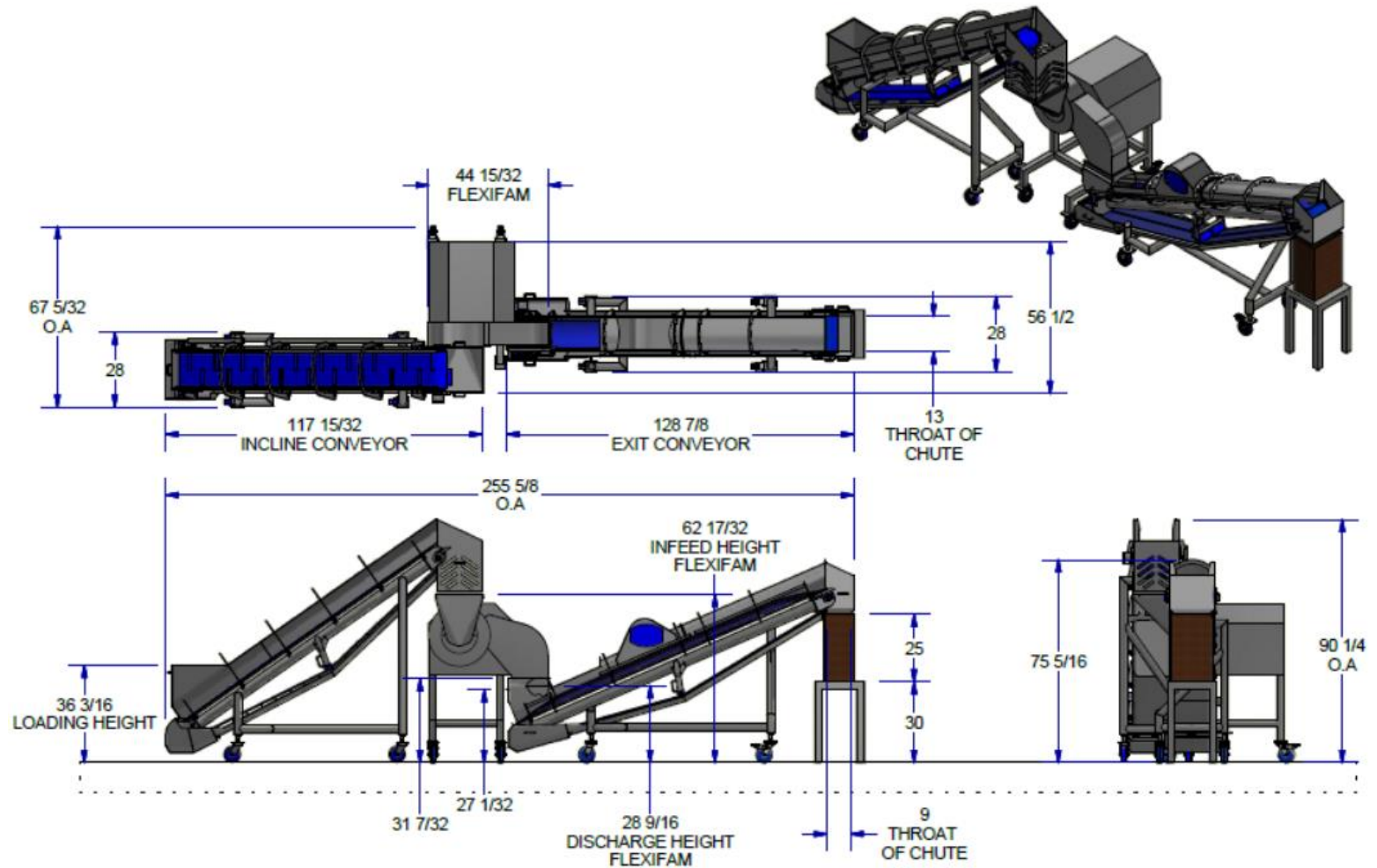
Full Line Wash Cart



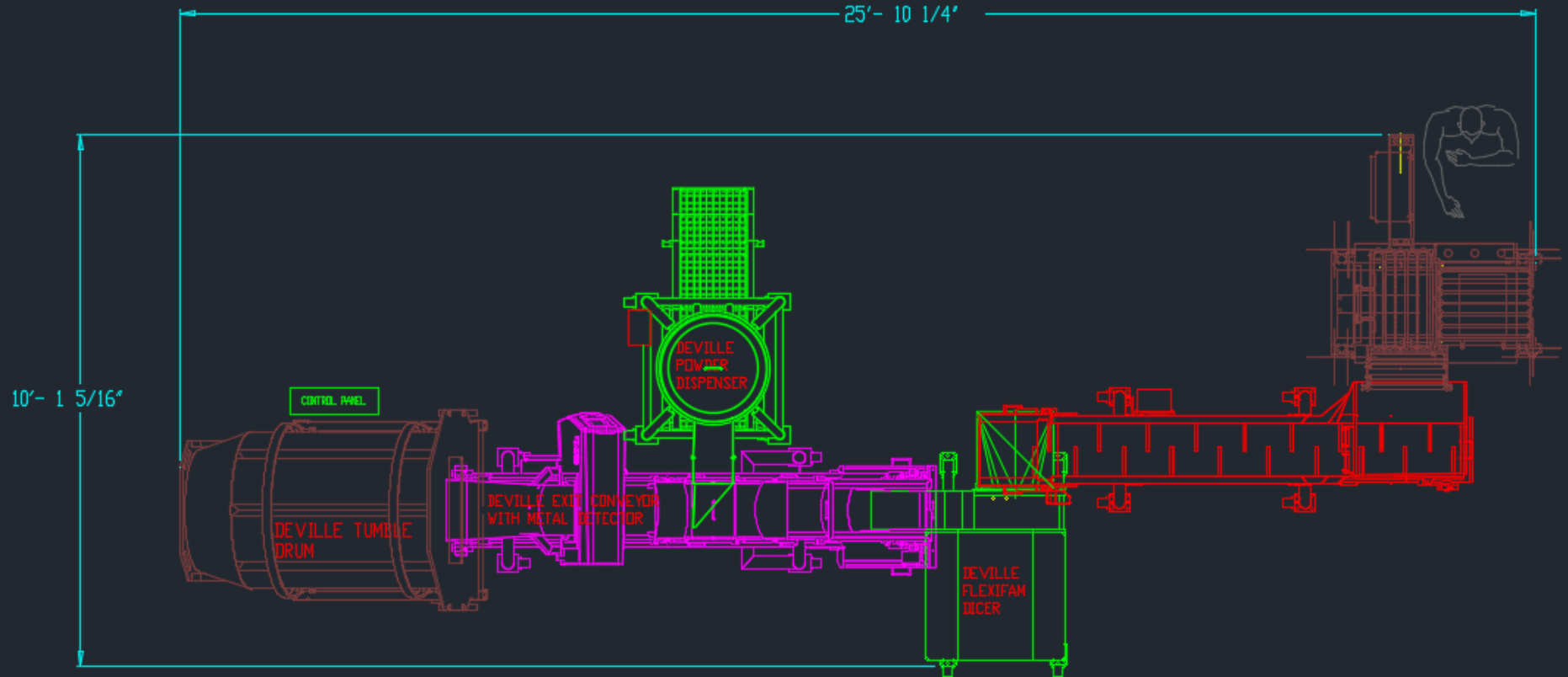
Dice Line Wash Wall Option



Flexifam Dice Line

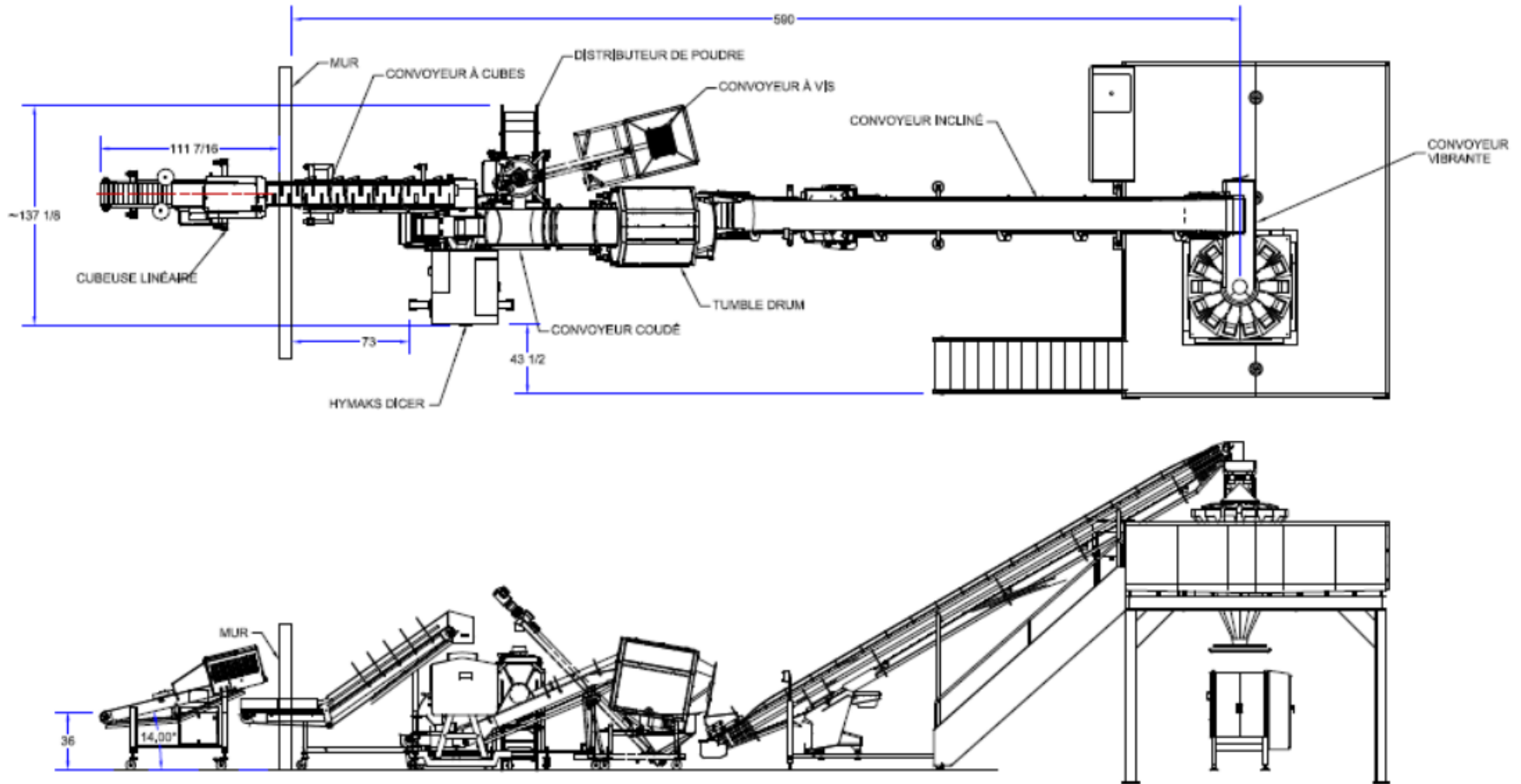


Flexifam Dice Line



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Hymaks Dice Line



Questions?

