BYSON

BYSON BYSMRAL Sliding Meat Rail System

BYSON BYSMRAL Sliding Meat Rail System Instruction Manual

Contents

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BYSON BYSMRAL Sliding Meat Rail System

Specifications:

- **Product Name:** Byson Sliding Meat Rail System

- **Product Code:** BYSMRAL

Product Information

The Byson Sliding Meat Rail System is a strong and sound hanging system designed for efficient meat storage in coolers. It provides a reliable and unstoppable solution for organizing and hanging meat products.

Product Usage Instructions

1. **Lay out Channel Rail lengths:** Lay out the rail lengths and any bends on the ground in the cooler according to the design sketch.
2. **Place Channel Support Clamp Set:** Install a set at each end, covering rail ends.
3. **Install Channel Support Clamp Sets:** Place sets over all join points of rail lengths and bends.
4. **Add Additional Support Clamp Sets:** Place additional sets along the rail lengths with spacing no more than 24 inches apart.
5. **Verify and Mark Drill Points:** Verify dimensions, mark drill points for all support clamp sets on the inside ceiling of the cooler.
6. **Drill Holes:** Drill through the marked points on the cooler ceiling.
7. **Position Support Beams:** On the outside roof of the cooler, position cross support beams using drilled holes.
8. **Secure Support Beams:** Secure the support beams based on site conditions.
9. **Install Rail Lengths and Bends:** Hold rail lengths and bends in place starting at one end and sliding them into position towards the other end.
10. **Hang Meat Hooks:** Slide channel meat hooks into the channels.
11. **Secure Support Clamp Sets:** Close off support clamp sets with stop chains by attaching the chain to the hook.

FAQ:

- **Q: Can I adjust the spacing between the support clamp sets?**
  A: Yes, you can adjust the spacing between the support clamp sets, but ensure it does not exceed 24 inches at any point for proper installation.
- **Q: Do I need to purchase additional support clamp sets?**
  A: The product comes with some support clamp sets, but you may need to purchase additional sets depending on the size and layout of your cooler.

Product Name: Byson Sliding Meat Rail System

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Installation Resources

- Product photos from website
  - Full system: **https://bysonproducts.com/products/byson-sliding-meat-rail-system-kits**
  - Individual components (Channel Rail for Sliding Systems, Channel Support Clamp Sets, Channel Bends, Sliding Channel Hooks): **https://bysonproducts.com/collections/meat-hanging-accessories**

- Design sketch from installers, or Byson product experts
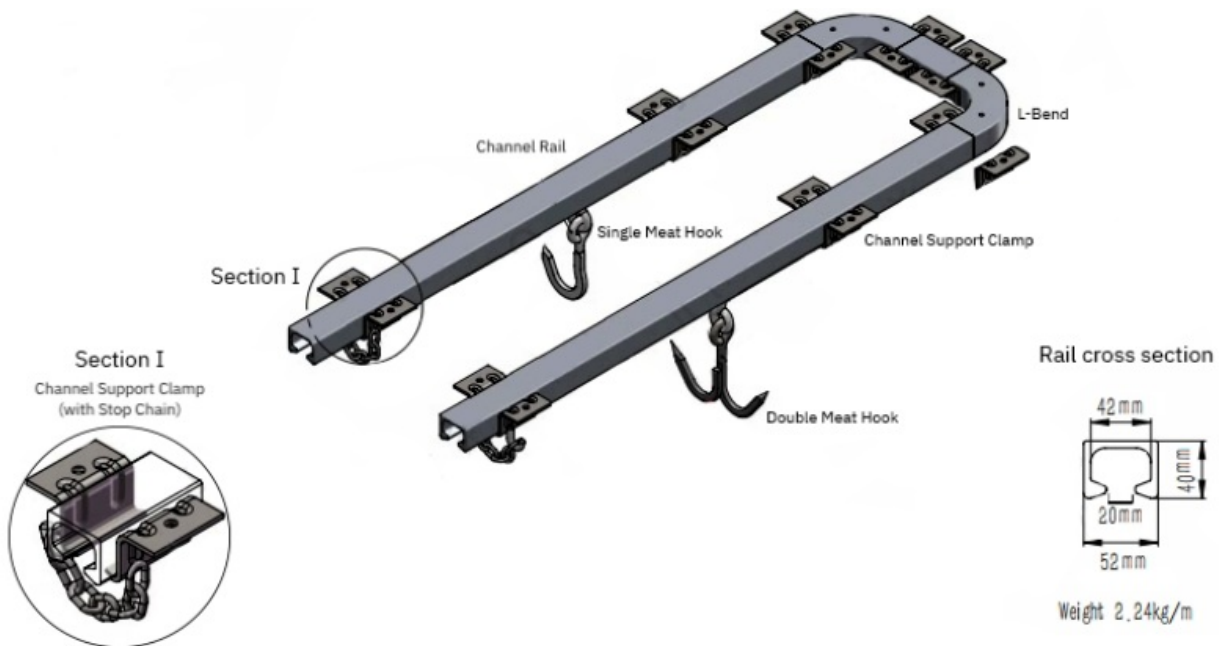- This guidance document

Byson Sliding Rail System

Figure 1: Byson Sliding Rail System Schematic

Installation Guidance

1. Lay out Channel Rail lengths, and any Channel Bends purchased, on ground in cooler as per design sketch from installers or Byson product experts
2. Place a Channel Support Clamp Set w/ Stop Chain (2 pieces/set) at each end, covering Rail ends
3. Place Channel Support Clamp Sets (without Stop Chain, 2 pieces/set) over all join points of provided Rail lengths and Bends
4. Place additional Support Clamp Sets along provided Rail lengths, such that spacing between Sets is no more than 24″ at any point
5. Verify / record dimensions, and mark drill points for all Support Clamp Sets on inside ceiling of cooler
6. Drill through drill points on cooler ceiling
7. On the outside roof of cooler, use drilled holes to position cross support beams (not provided) perpendicular to main runs (refer to the design sketch) of rail system
   - Support beams can be regular wood 2x4s or similar if cooler is indoors, or similar sized treated wood / heavy duty angle irons if outdoors
8. Secure support beams (as dictated by site conditions)
9. Drill through support beams to match holes in cooler ceiling
10. Starting at one end and working towards other end of rail system, hold Rail lengths and Bends in place on cooler ceiling with Support Clamp Sets, and secure Clamp Sets with hardware (not included)
    - Important: ensure tight/snug abutting of adjacent Rail lengths and Bends at join points to promote free sliding of loaded Channel meat Hooks along rail system once installed

- Common hardware includes 2 x 5/16″ (M8) bolt (length as per site conditions) + nut sets and 4x washers per Support Clamp Set
- Using above hardware as example for one Support Clamp Set:
- Thread one washer through a bolt
- Thread bolt up through one Support Clamp piece, through cooler ceiling, and finally through support beam
- Thread one washer on to bolt and secure with nut
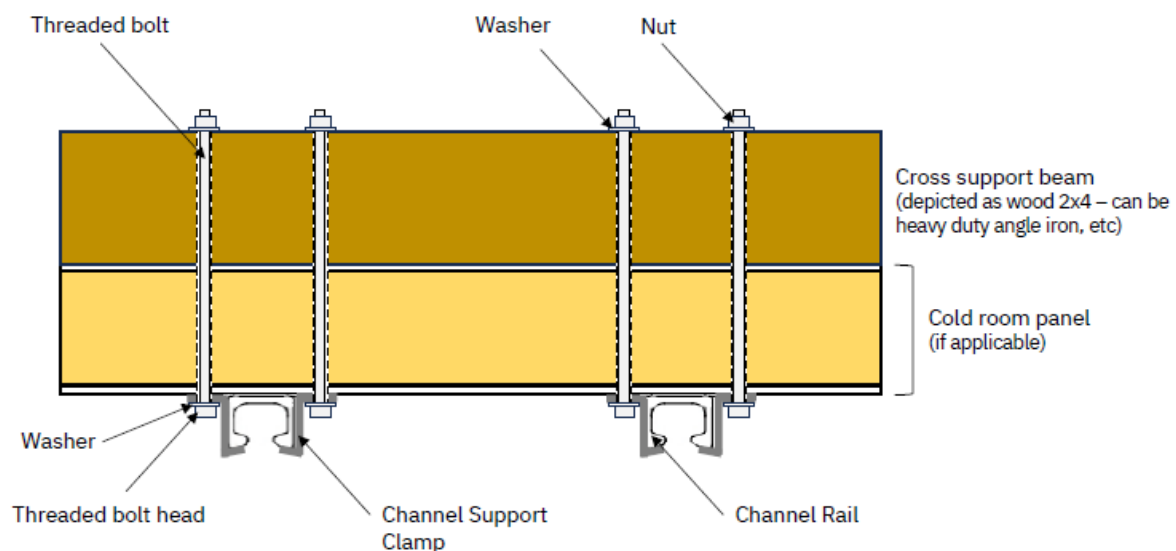- Repeat for other Support Clamp Piece

11. Slide Channel meat Hooks into channels
12. Close off Support Clamp Sets w/ Stop Chain by attaching chain to hook See Figure 2 on next page for installation cross sectional view.

Sketch#: BYSMRAL-XS

Sliding Meat Hanging System
Installation Cross Section

Sketch for illustration purposes only – not to scale

Figure 2: Installation Cross Section

www.bvsonproducts.com
sales@bvsonproducts.com
1 **800-595-5730**

Documents / Resources

BYSON BYSMRAL Sliding Meat Rail System [pdf] Instruction Manual
BYSMRAL Sliding Meat Rail System, BYSMRAL, Sliding Meat Rail System, Meat Rail System, Rail System, System

References

- 🌐 **Byson | Byson**
- **User Manual**