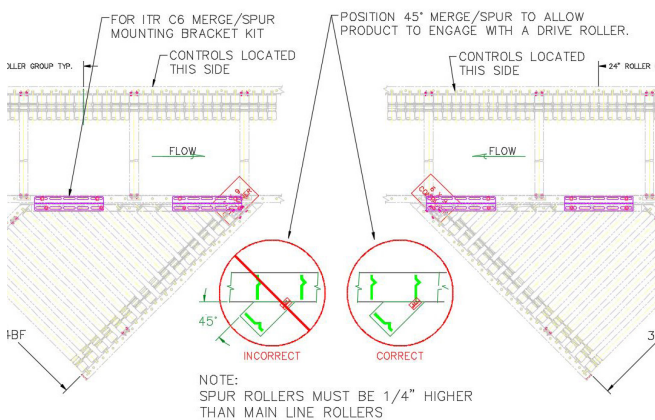


CUT SHEET

IntelliROL® Merge



ITR MERGE BED IS SPECIFICALLY DESIGNED TO ALLOW THE USER TO POSITION THE SPUR ANYWHERE ALONG THE LENGTH OF THE BED.

MHS Conveyor is excited to announce our stand alone ITR (IntelliROL) Merge beds. The ITR Merge straight beds are C6 channel frame and come in standard lengths of 12', 10', 8', and 6'. The ITR Merge is specifically designed to connect with a 30 or 45 degree Spur, giving flexibility to add a Spur anywhere along the length of the ITR Merge bed with the use of a designated bracket kit. The Spur is sold separately.

ITR Merge beds are designed to be left hand or right hand and are assembled as a left hand flow bed prior to shipping. The direction can easily be changed to a right hand bed in the field by changing a dip switch setting on the CB or IBE driver cards.

All the beds are designed with 2" roller centers and 24" roller groups in the standard 16", 22", 28", and 34" between frames. The ITR Merge bed has adjustable speeds from 25 FPM up to 180 FPM and can handle product weight up to 50lbs/ft. or 75lbs/product.

For ease of maintenance, the side channels are notched to allow easy access to the drive rollers.

STANDARD SPECIFICATIONS

Bed Lengths

6'-0", 8'-0", 10'-0" and 12'-0" only.

Bed Widths

Available in 16", 22", 28" and 34" BF

Drive Rollers: ITOH FE-60 with a maximum of 30 Start/Stop cycles per minute. One drive roller and driver card per roller group.

Idler Rollers: 1.9" O.D. 16 ga. plated shell with ABEC-1 precision bearing and 7/16" hex spring loaded axle. Carrier rollers are mounted high in C6 channel. Available in 2" roller centers only.

Roller Drive Belts

3/16" diameter urethane

Speeds

Adjustable speeds from 25 FPM up to 180 FPM

Maximum Product Loading

50 lbs. /ft. or 75 lbs. per product.

Orientation

Both right hand and left hand flow are standard.

Accessories

- CRUZchannel shrouds
- Roller coating

Paint

Components located within the framework are painted black. All other components are painted job color. All MHS Conveyor paint is powder coated.

CUT SHEET

IntelliROL® Merge



ITR Merge bed is designed to have a spur mounted to it. Adjustable speeds between 25 FPM to the maximum speed of 180 FPM.

Features	Benefits
Modular design	Easy to reconfigure
Run on demand	Less noise, wear, and energy
Low voltage	Ease of maintenance
Simple installation	Lower cost
Variable speed	Versatility to suit each requirement
Reversible	Less hardware required
Fewer moving parts	Reduced maintenance cost and less noise

ABOUT MHS CONVEYOR

MHS Conveyor is a leading worldwide supplier of dynamic, high-quality automated conveyor and sortation technologies used to transport a wide variety of products. MHS Conveyor manufactures high-quality equipment, sold through a partner network of factory-authorized distributors as part of complete, integrated logistics solutions engineered to meet the needs of each customer.

MHS Conveyor Corporation

1300 E. Mt. Garfield Road
Norton Shores, MI 49441
231.798.4547

mhs-conveyor.com

