

# Trough Hoist

The AMF Trough Hoist provides a safe and gentle trough lifting and dough transfer solution. Integrates with the AMF's Dough Mixers and Dough Dividers.



# DESIGN INNOVATIONS

The AMF Trough Hoist is a robust design that will safely raise and lower dough troughs and feed sponge dough to final mixers or final dough to downstream make-up equipment. The gentle lifting action preserves the quality of the dough throughout the process. The Trough Hoist is ideal for many dough handling solutions with its easy to clean and low maintenance design.

## SAFETY

Safety by design. The heavy-duty #120 lifting chain with a 20:1 safety factor provides a safe working environment. Safety latches prevent cradle and dough trough from falling if chain breakage occurs. The main shaft is powered by a direct drive gearmotor with motor load protection.

## QUALITY

Built with heavy gauge steel for high durability performance and longevity. Lift chains are mounted inside the leg structures and driven by sprockets welded to the top main shaft and secured to the hoist legs via special heavy-duty roller bearings.

## SANITARY

Open design to optimize sanitation and to prevent dough contamination.

## RELIABILITY

No operator adjustments required. Low maintenance.



Integrated with  
Final Mixer and  
Dough Chunker

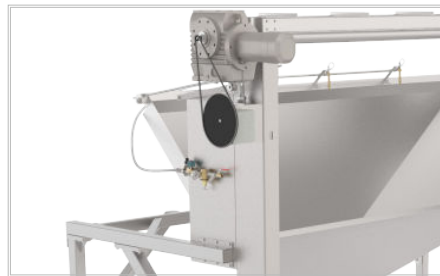


Integrated with  
Dough Feeder and  
Dough Transfer Conveyor

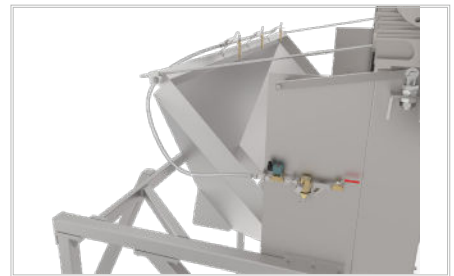
## Safety by Design, Simplicity in Operation

# OTHER ADVANTAGES

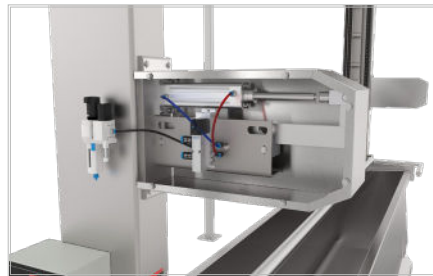
- ▼ Direct Drive main shaft motor with safety overload automatically turn the motor off in case of overloading.
- ▼ Optional water spray system assists the transfer of the dough through the dough chute.
- ▼ Safety latches prevent cradle and trough from falling if lift chains were to break.
- ▼ Available in either vertical or slant leg designs.
- ▼ Optional custom cradles adaptable to lift two different heights dough troughs.
- ▼ Safety Detection ensuring proper trough positioning in the lifting cradle.
- ▼ Optional chute tilting kit suitable for low overhead requirements.
- ▼ Chute is customized to properly feed downstream dough processing equipment or mixer sponge doors.
- ▼ Cradle is custom-built to suit your specific trough requirements.
- ▼ Supported via floor or ceiling support structure.



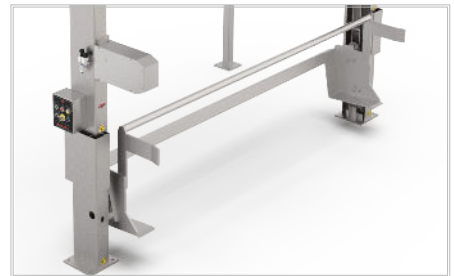
Main Drive Motor with Cambox  
(Shown without guard for reference)



Optional Water Spray System



Safety Chain Latches



Cradle System



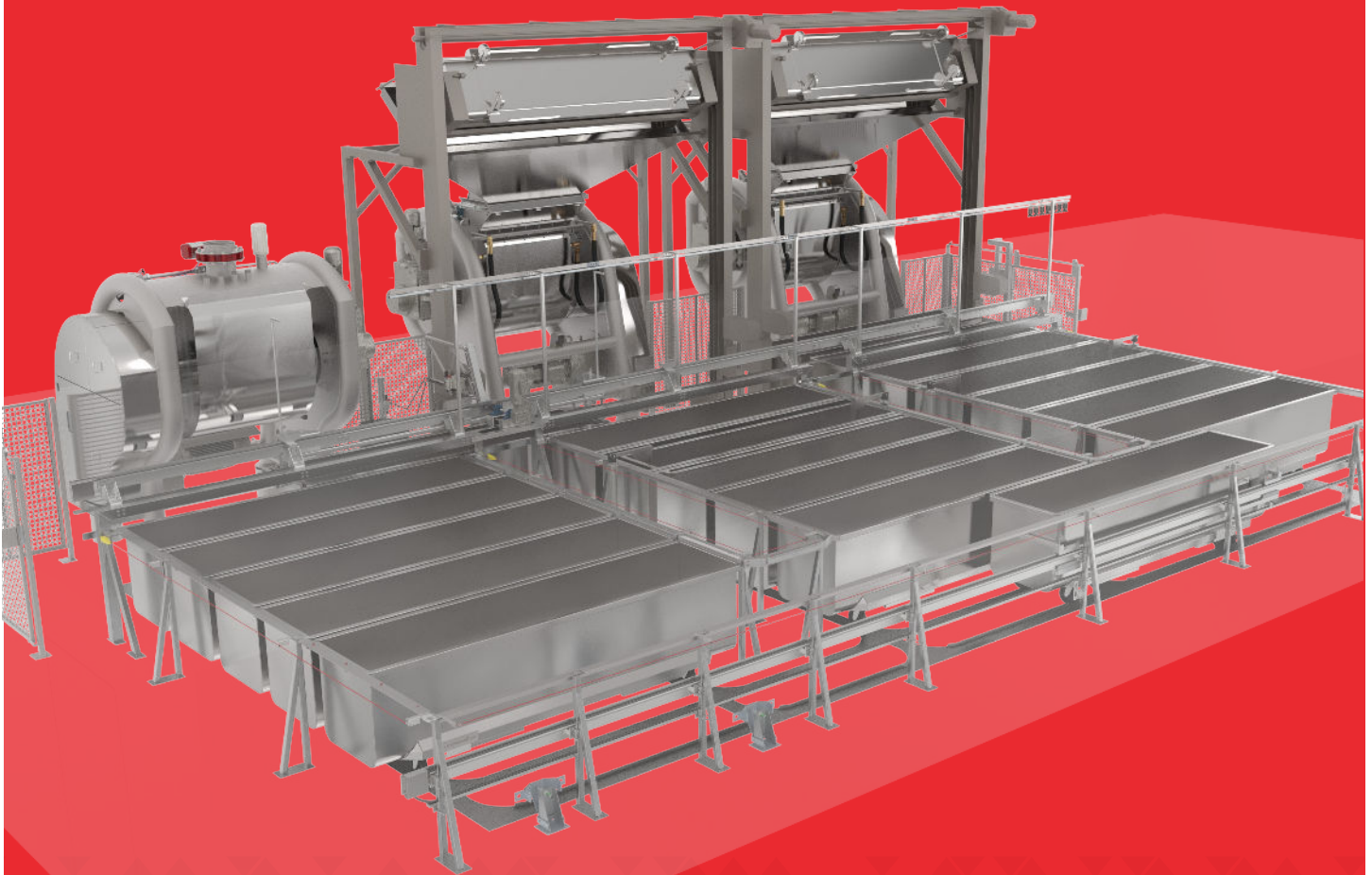
Trough in Cradle Safety Device



Custom Chute Configuration

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AMF Trough Hoist is designed as part of AMF's complete dough handling system.



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AMF's focus on continuous improvement may result in changes to machinery specifications without notice.

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