

# WEIGHMORE™ Poultry Monorail



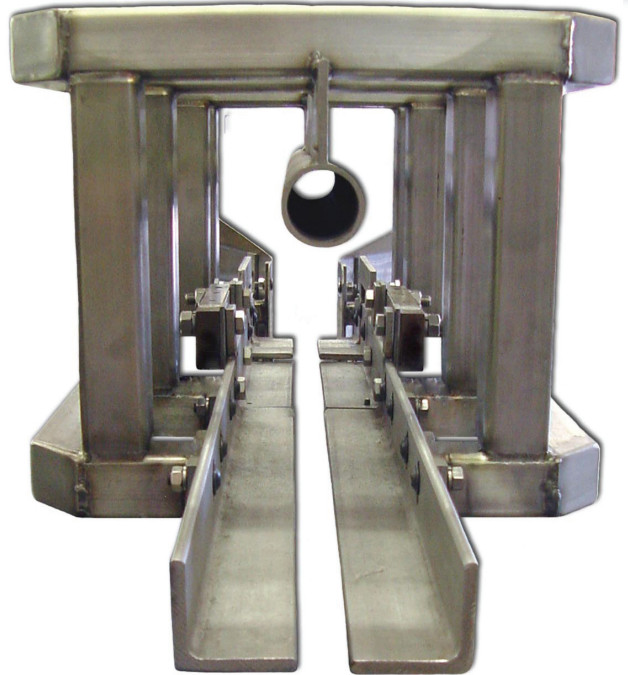
Built Better...

Because We Care!

Vande Berg Scales' WeighMore™ Poultry Monorail offers heavy-duty construction and the reliability and accuracy our monorails are known for! These scales are fabricated from stainless steel and designed to perform in the harsh environments of slaughter plants.

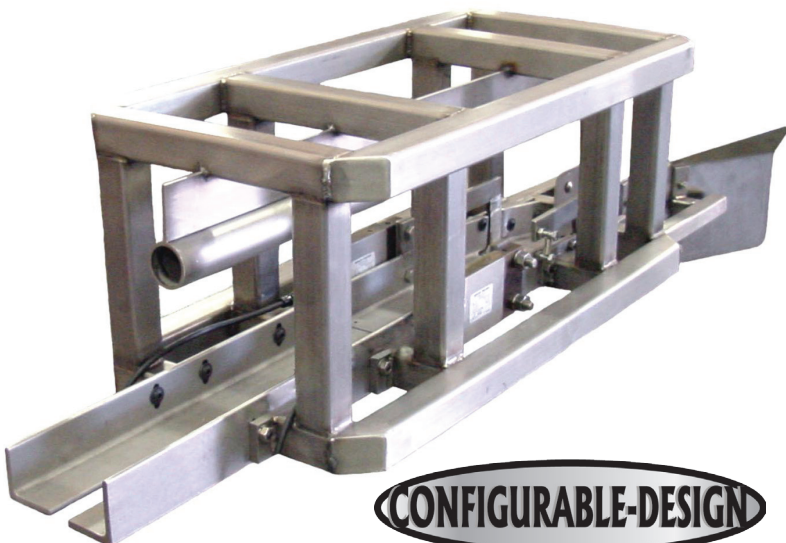
The plant chain supplies the propulsion and pulls the shackle up onto the ramp leading to the weighing section. From this point the patented transition rail design gradually loads the live rail section of the scale. When the trolley is completely on the live section of the scale, a photo eye is activated and the weighment cycle is started. The weighment cycle ends when a second photo eye is activated just before the trolley leaves the live section of the scale. The rail design of the scale features a patented transition rail that gradually transfers highly concentrated trolley weight to the live rail thereby canceling out the undesirable spring oscillations inherent in other in-motion monorail designs.

The monorail scale structure utilizes heavy stainless steel construction. The load cells are sealed to repel water from the weight sensors. The monorail scale system includes a modified weight indicator which works in conjunction with the monorail structure to perform multi-weighment averaging of the analog signals. Weight information is then sent to the host computer equipment via the indicator serial port, which enables a plant to track weights of individual birds.



#### Features:

- Exceptional high accuracy
- Chain speeds up to 10,800 drafts/hr.
- Dual or single load cell design allows the smallest possible scale divisions
- Specifically designed chain conveyor mechanism reduces trolley rolling and push dog problems
- Patented transition rail gradually loads weight onto live rail
- Minimal filtering necessary
- Easy installation compared to similar units
- Designed to endure harsh environments
- Stainless steel construction
- Load cells are potted and encapsulated in stainless steel cover
- Load cells are sealed to repel moisture



**CONFIGURABLE-DESIGN**

*You Want It, We'll Make It.*

## VANDE BERG S C A L E S™

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