

Standard Features

Software

- · Four levels of security
- · Real-time statistical information
- Product report
- Statistical report
- Parameter report
- User report
- Store up to 1,000 different products
- Five-zone classification

Control Panel

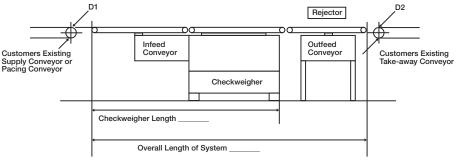
- 1280 controller
- Power disconnect with lock-out/tag-out
- VFD (variable frequency drive)
- Motor overloads

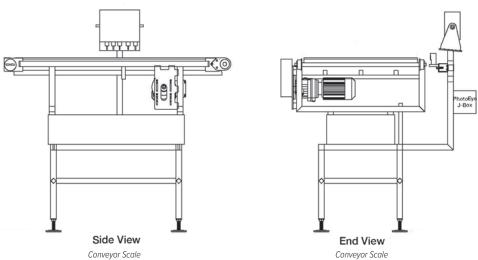
Hardware

- Square tube construction (SST or aluminum)
- 32 in height from top of belt with ±2.5 in of adjustment
- Modular belting

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Approvals





Due to the variety of configurations, please consult a sales engineer to discuss application requirements and for complete specifications and price quotations. Field installation available at pre-determined rates. Questionnaire available at www.ricelake.com/motoweigh

Options

- · Divert methods:
 - · Pneumatic pusher
 - · Air blast
 - · Drop conveyor
 - Paddle
 - Secondary diverter in series or parallel
- One-, three- or five -zone communication tower
- Audible alarm (non-washdown only)
- · Draft shields
- Drop chutes
- · Pull cord E-stops
- · Portability package (non-NTEP Certified only)
- Conveyor guide rails (round or flat)
- · Custom programming available
- Food-grade SST gnale construction. NEMA Type 4X IP66 washdown systems
- Meets HACCP requirements
- UL 508
- NTEP Certified Legal for Trade (up to 2,000 divisions and 60 ppm)
- · Pacing conveyor

Specifications

Construction:

Stainless steel food-grade Stainless steel non-food-grade Aluminum non-food-grade

Configurations:

Checkweigher Conveyor scale

Speed:

Up to 240 ft per minute

Container Types:

Boxes, bags, pouches, trays, tubs, cups, blister packs, display packs, clam shells

Belts:

Intralox® Habasit®

Power Configuration:

110 VAC single phase, 60 Hz 230/460 VAC 3 phase, 60 Hz

Warranty:

Two-year limited

(excludes powertrain and wear parts)

Checkweigher Packages:

NTEP Certified and non-NTEP Certified packages available in stainless steel and aluminum for food and non-food-grade applications

Checkweigher Packages Include:

Common framework for mounting conveyor scale on same frame as infeed conveyor and indicator Basic control enclosure to interconnect wiring from photo eyes and divert solenoid and conveyor on/off/E-stop

MotoWeigh® IMW In-Motion Conveyor Scale and Checkweigher

Example Conveyor System Sizes and Configurations					
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
		12	10, 20	Min Length: 3 in	AL, Ind Welded
	6			Max Length (40ppm): 7 in	SST, Ind Welded
				Max Length (75ppm): 3 in	SST, Food Grade Welded
Santa Canvavar Only			10, 20	Min Length: 3 in	AL, Ind Welded
Scale Conveyor Only	6	18		Max Length (40ppm): 11.5 in Max Length (80ppm): 5 in	SST, Ind Welded
					SST, Food Grade Welded
	6	24	10, 20	Min Length: 3 in Max Length (40ppm): 15.5 in Max Length (80ppm): 7.5 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
		12	10, 20	Min Length: 3 in Max Length (40ppm): 7 in	AL, Ind Welded
	6				SST, Ind Welded
				Max Length (75ppm): 3 in	SST, Food Grade Welded
Checkweigher with Linear Thrust				Min Length: 3 in Max Length (40ppm): 11.5 in	AL, Ind Welded
Reject Device (Includes: Infeed, scale, and outfeed conveyors.	6	18	10, 20		SST, Ind Welded
All conveyors same length.)				Max Length (80ppm): 5 in	SST, Food Grade Welded
3 ,				Min Length: 3 in	AL, Ind Welded
	6	24	10, 20	Max Length (40ppm): 15.5 in	SST, Ind Welded
				Max Length (80ppm): 7.5 in	SST, Food Grade Welded
		18	10, 20, 40	Min Length: 3 in (6 in@40 lb)	AL, Ind Welded
	12			Max Length (40ppm): 11.5 in Max Length (80ppm): 5 in	SST, Ind Welded
					SST, Food Grade Welded
	12	24	10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (40ppm): 15.5 in Max Length (80ppm): 7.5 in	AL, Ind Welded
					SST, Ind Welded
Scale Conveyor Only					SST, Food Grade Welded
	12	30	10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (40ppm): 20 in Max Length (80ppm): 10 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	12	36	10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (35ppm): 25.5 in Max Length (70ppm): 15.5 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	12	18	10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (40ppm): 11.5 in Max Length (80ppm): 5 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
Checkweigher with Linear Thrust Reject Device (Includes: Infeed, scale, and outfeed conveyors. All conveyors same length.)	12		10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (40ppm): 15.5 in Max Length (80ppm): 7.5 in	AL, Ind Welded
		24			SST, Ind Welded
					SST, Food Grade Welded
	12	30	10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (40ppm): 20 in Max Length (80ppm): 10 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	12	36	10, 20, 40	Min Length: 3 in (6 in@40 lb) Max Length (35ppm): 25.5 in Max Length (70ppm): 15.5 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded

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	Fxar	nnle Conveyor S	Sustem Sizes ar	nd Configurations	
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
Colliguration	Scale Width	Scale Leligili	Capacity		AL, Ind Welded
	10	24	20 40 100	Min Length: 6 in (3 in@20 lb) Max Length (40ppm): 15.5 in	,
	18	24	20, 40, 100	Max Length (80ppm): 7.5 in	SST, Ind Welded SST, Food Grade Welded
				3 ,,	
	18	30	20, 40, 100	Min Length: 6 in (3 in@20 lb) Max Length (40ppm): 20 in Max Length (80ppm): 10 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
Scale Conveyor Only	18	36	20, 40, 100	Min Length: 6 in (3 in@20 lb) Max Length (35ppm): 25.5 in Max Length (70ppm): 15.5 in	AL, Ind Welded
Journal of the state of the sta					SST, Ind Welded
					SST, Food Grade Welded
	18	42	20, 40, 100	Min Length: 6 in (3 in@20 lb) Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	4.0	40		Min Length: 6 in (3 in@20 lb) Max Length (30ppm): 36.5 in	AL, Ind Welded
	18	48	20, 40, 100		SST, Ind Welded
				Max of 54ppm	SST, Food Grade Welded
				Min Length: 6 in (3 in@20 lb)	AL, Ind Welded
	18	24	20, 40, 100	Max Length (40ppm): 15.5 in	SST, Ind Welded
				Max Length (80ppm): 7.5 in	SST, Food Grade Welded
				Min Length: 6 in (3 in@20 lb)	AL, Ind Welded
	18	30	20, 40, 100	Max Length (40ppm): 20 in	SST, Ind Welded
Charles in housish Line on Thomas				Max Length (80ppm): 10 in	SST, Food Grade Welded
Checkweigher with Linear Thrust Reject Device (Includes: Infeed,	18	36		Min Length: 6 in (3 in@20 lb)	AL, Ind Welded
scale, and outfeed conveyors.			20, 40, 100	Max Length (35ppm): 25.5 in Max Length (70ppm): 15.5 in	SST, Ind Welded
All conveyors same length.))					SST, Food Grade Welded
	18	42	20, 40, 100	Min Length: 6 in (3 in@20 lb) Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	18	48	20, 40, 100	Min Length: 6 in (3 in@20 lb) Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	24	30	40, 100	Min Length: 6 in Max Length (40ppm): 20 in Max Length (80ppm): 10 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	24	36	40, 100	Min Length: 6 in Max Length (35ppm): 25.5 in Max Length (70ppm): 15.5 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	24	42	40, 100	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
					SST, Ind Welded
Scale Conveyor Only					SST, Food Grade Welded
Scale comege. Cing	24 4			Min Length: 6 in	AL, Ind Welded
		48	40, 100	Max Length (30ppm): 36.5 in	SST, Ind Welded
				Max of 54ppm	SST, Food Grade Welded
	24 5		40, 100	Min Length: 6 in) Max Length (30ppm): 41.5 in Max of 48ppm	AL, Ind Welded
		54			SST, Ind Welded
					SST, Food Grade Welded
	24	60	40, 100	Min Length: 6 in Max Length (30ppm): 46 in Max of 44ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded

MotoWeigh® IMW In-Motion Conveyor Scale and Checkweigher

	Exan	nple Conveyor S	System Sizes a	nd Configurations	
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
			oupusit,	Min Length: 6 in	AL. Ind Welded
	24	30	40, 100	Max Length (40ppm): 20 in	SST, Ind Welded
			40, 100	Max Length (80ppm): 10 in	SST, Food Grade Welded
				<u> </u>	AL, Ind Welded
	24	36	40, 100	Min Length: 6 in Max Length (35ppm): 25.5 in	SST, Ind Welded
	24	30	70, 100	Max Length (70ppm): 15.5 in	SST, Food Grade Welded
					AL, Ind Welded
Checkweigher with Linear Thrust	24	42	40, 100	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	SST, Ind Welded
					SST, Food Grade Welded
Reject Device (Includes: Infeed, scale, and outfeed conveyors.				3 1 11 7	AL, Ind Welded
All conveyors same length.)	24	48	40, 100	Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	SST, Ind Welded
3 ,	24	40			SST, Food Grade Welded
					AL, Ind Welded
	24	54	40.400	Min Length: 6 in) Max Length (30ppm): 41.5 in Max of 48ppm	
	24	54	40, 100		SST, Ind Welded
				•	SST, Food Grade Welded
	24		40.400	Min Length: 6 in	AL, Ind Welded
	24	60	40, 100	Max Length (30ppm): 46 in	SST, Ind Welded
				Max of 44ppm	SST, Food Grade Welded
				Min Length: 6 in	AL, Ind Welded
	30	36	100, 200	Max Length (35ppm): 25.5 in	SST, Ind Welded
				Max Length (70ppm): 15.5 in	SST, Food Grade Welded
		42	100, 200	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
	30				SST, Ind Welded
					SST, Food Grade Welded
Scale Conveyor Only	30	48	100, 200	Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
Scale Conveyor Only					SST, Ind Welded
					SST, Food Grade Welded
	30	54	100, 200	Min Length: 6 in) Max Length (30ppm): 41.5 in Max of 48ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	30	60	100, 200	Min Length: 6 in Max Length (30ppm): 46 in Max of 44ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	30	36	100, 200	Min Length: 6 in Max Length (35ppm): 25.5 in Max Length (70ppm): 15.5 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	30	42	100, 200	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
Checkweigher with Linear Thrust Reject Device (Includes: Infeed, scale, and outfeed conveyors. All conveyors same length.)	30		100, 200	Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
		48			SST, Ind Welded
					SST, Food Grade Welded
	30		100, 200	Min Length: 6 in) Max Length (30ppm): 41.5 in Max of 48ppm	AL, Ind Welded
		54			SST, Ind Welded
					SST, Food Grade Welded
	30	60	100, 200	Min Length: 6 in Max Length (30ppm): 46 in	AL, Ind Welded
					SST, Ind Welded
				Max of 44ppm	SST, Food Grade Welded

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Example Conveyor System Sizes and Configurations					
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
, and the second	36	42	100, 200	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	36	48	100, 200	Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
					SST, Ind Welded
Scale Conveyor Only					SST, Food Grade Welded
	36	54	100, 200	Min Length: 6 in) Max Length (30ppm): 41.5 in Max of 48ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	36	60	100, 200	Min Length: 6 in Max Length (30ppm): 46 in Max of 44ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	36	42	100, 200	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
	36 48		100, 200	Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
Checkweigher with Linear Thrust		48			SST, Ind Welded
Reject Device (Includes: Infeed, scale, and outfeed conveyors. All conveyors same length.)					SST, Food Grade Welded
	36 54		100, 200	Min Length: 6 in) Max Length (30ppm): 41.5 in Max of 48ppm	AL, Ind Welded
		54			SST, Ind Welded
					SST, Food Grade Welded
	36		100, 200	Min Length: 6 in Max Length (30ppm): 46 in Max of 44ppm	AL, Ind Welded
		60			SST, Ind Welded
					SST, Food Grade Welded

Additional configurations, sizes, and capacities are available upon request







Diverter Draftshield





Guide rails