

Standard Features

Software

- · Password protected user logins
- · 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 \pm 2.5 in of adjustment
- Modular belting

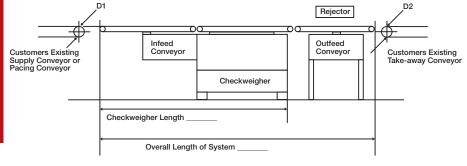
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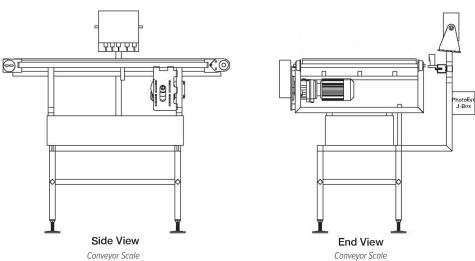




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Due to the variety of configurations, please consult a sales engineer to discuss application requirements and for complete specifications and price quotations. Field installation available at pre-determined rates.

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
Scale Conveyor Only				Max Length (75ppm): 3 in	SST, Food Grade Welded
		18	10, 20	Min Length: 3 in	AL, Ind Welded
	6			Max Length (40ppm): 11.5 in Max Length (80ppm): 5 in	SST, Ind Welded
					SST, Food Grade Welded
		24	10, 20	Min Length: 3 in Max Length (40ppm): 15.5 in Max Length (80ppm): 7.5 in	AL, Ind Welded
	6				SST, Ind Welded
					SST, Food Grade Welded
			10, 20	Min Length: 3 in Max Length (40ppm): 7 in Max Length (75ppm): 3 in	AL, Ind Welded
	6	12			SST, Ind Welded
					SST, Food Grade Welded
Checkweigher with Linear Thrust			10, 20	Min Length: 3 in	AL, Ind Welded
Reject Device (Includes: Infeed, scale, and outfeed conveyors.	6	18		Max Length (40ppm): 11.5in	SST, Ind Welded
All conveyors same length.)				Max Length (80ppm): 5 in	SST, Food Grade Welded
· ··· · · · · · · · · · · · · · · · ·				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
	12		10, 20, 40	Min Length: 3 in (6 in@40 lb)	AL, Ind Welded
		18		Max Length (40ppm): 11.5 in Max Length (80ppm): 5 in	SST, Ind Welded
					SST, Food Grade Welded
		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
	12				SST, Ind Welded
Scale Conveyor Only					SST, Food Grade Welded
0 0	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
Checkweigher with Linear Thrust Reject Device (Includes: Infeed, scale, and outfeed conveyors. All conveyors same length.)	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
	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
					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

MotoWeigh® IMW In-Motion Conveyor Scale and Checkweigher

	Exar	nple Conveuor S	Sustem Sizes ar	nd Configurations	
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
Comigaration	Scale Width	Scale Length	Capacity	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
	10	24	20, 40, 100	Max Length (80ppm): 7.5 in	SST. Food Grade Welded
				3 (11 /	AL, Ind Welded
	18	30	20, 40, 100	Min Length: 6 in (3 in@20 lb) Max Length (40ppm): 20 in Max Length (80ppm): 10 in	SST, Ind Welded
		30			SST, Food Grade Welded
				3 , ,	AL, Ind 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	·
					SST, Ind Welded SST. Food Grade Welded
					, , , , , , , , , , , , , , , , , , , ,
	10	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
	18				SST, Ind Welded
				<u> </u>	SST, Food Grade Welded
	40		20 40 400	Min Length: 6 in (3 in@20 lb)	AL, Ind Welded
	18	48	20, 40, 100	Max Length (30ppm): 36.5 in Max of 54ppm	SST, Ind Welded
				мих от 54ррпі	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
				Max Length (80ppm): 10 in	SST, Food Grade Welded
Checkweigher with Linear Thrust				Min Length: 6 in (3 in@20 lb)	AL, Ind Welded
Reject Device (Includes: Infeed, scale, and outfeed conveyors.	18	36	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
and the second group of the second group,	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
Scale Conveyor Only					SST, Food Grade Welded
		42	40, 100	Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
Scale convegor only					AL, Ind Welded
		48	40, 100		SST, Ind Welded
		70	70, 100		SST, Food Grade Welded
	24	54 60	40, 100	Min Length: 6 in Max Length (30ppm): 41.5 in Max of 48ppm Min Length: 6 in Max Length (30ppm): 46 in Max Max of 44ppm	AL, Ind Welded
					SST, Ind Welded
					SST, Food Grade Welded
					AL, Ind Welded
					SST, Ind Welded
					SST. Food Grade Welded
				ווועק די וויקעדו	551, Food Grade Welded

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	Exan	nple Conveyor S	System Sizes aı	nd Configurations	
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
				Min Length: 6 in	AL, Ind Welded
Checkweigher with Linear Thrust	24	30	40, 100	Max Length (40ppm): 20 in Max Length (80ppm): 10 in	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
Reject Device (Includes: Infeed,					SST, Food Grade Welded
scale, and outfeed conveyors.		48	40, 100	Min Length: 6 in Max Length (30ppm): 36.5 in	AL, Ind Welded
All conveyors same length.)	24				SST, Ind Welded
				Max of 54ppm	SST, Food Grade Welded
		54	40, 100	Min Length: 6 in Max Length (30ppm): 41.5 in Max of 48ppm	AL, Ind Welded
	24				SST, Ind Welded
					SST, Food Grade Welded
				Min Length: 6 in	AL, Ind Welded
	24	60	40, 100	Max Length (30ppm): 46in	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
	30	42		Min Length: 6 in	AL, Ind Welded
			100, 200	Max Length (30ppm): 32 in Max Length (60ppm): 22 in	SST, Ind Welded
					SST, Food Grade Welded
	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		Min Length: 6 in Max Length (30ppm): 32 in Max Length (60ppm): 22 in	AL, Ind Welded
			100, 200		SST, Ind Welded
					SST, Food Grade Welded
Checkweigher with Linear Thrust	30	48	100, 200	Min Length: 6 in Max Length (30ppm): 36.5 in Max of 54ppm	AL, Ind Welded
Reject Device (Includes: Infeed,					SST, Ind Welded
scale, and outfeed conveyors. All conveyors same length.)					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

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Example Conveyor System Sizes and Configurations					
Configuration	Scale Width	Scale Length	Capacity	PPM	Material
	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
Checkweigher with Linear Thrust Reject Device (Includes: Infeed, scale, and outfeed conveyors. All conveyors same length.)					SST, Ind Welded
					SST, Food Grade Welded
	36 4		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
	36		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