

Specifications

Sub-model identification convention:

1st two digits indicate belt width in millimeters (10 = 100mm wide; 20 = 200mm wide etc.)

2nd batch of three digits indicate maximum weight capacity in Kg (015 = 1.5Kg, 030 = 3.0Kg, 100 = 10Kg etc.).

Sub-model	Conveyor belt width	Weight capacity	Frame
10-015	100mm (≈ 3.9")	1.5 Kg (≈ 3.3lb)	50mm (≈2")Ø tube, single loadcell
20-015	200mm (≈ 7.9")	1.5 Kg (≈ 3.3lb)	50mm (≈2")Ø tube, single loadcell
20-030	200mm (≈ 7.9")	3.0 Kg (≈ 6.6lb)	50mm (≈2")Ø tube, single loadcell
30-015	300mm (≈ 11.8")	1.5 Kg (≈ 3.3lb)	75mm (≈3")Ø tube, single loadcell
30-030	300mm (≈ 11.8")	3.0 Kg (≈ 6.6lb)	75mm (≈3")Ø tube, single loadcell
30-060	300mm (≈ 11.8")	6.0 Kg (≈ 13.2lb)	75mm (≈3")Ø tube, double loadcell
40-030	400mm (≈ 15.7")	3.0 Kg (≈ 6.6lb)	75mm (≈3")Ø tube, double loadcell
40-060	400mm (≈ 15.7")	6.0 Kg (≈ 13.2lb)	75mm (≈3")Ø tube, double loadcell
40-100	400mm (≈ 15.7")	10.0 Kg (≈ 33lb)	75mm (≈3")Ø tube, double loadcell
<i>General Specifications</i>			
Line speed	Models up to 3.0Kg capacity	Up to 120m/min (394'/min)	
	Models over 3.0Kg capacity	Up to 90m/min (295'/min)	
	<i>Pack rates dependant on package length and weigh-table length</i>		
Accuracy	Systematic error (average error)	typically ± 0.01% package weight	
	Display resolution	rounding to 0.1, 0.01, 0.02, 0.05, or 0.005 units	
	Random error	To R51 International Standards, MID European Standards and Handbook-44 US standards or better.	
	<i>Actual accuracy may be less or greater depending on package weight, speed and stability</i>		
Standard configuration	Three belt conveyors (infeed, weigh-table, outfeed)		
Environment	Electrostatic discharge	To EN61000-4-2	
	Operating temperature	0° - 40° C (32° - 104° F)	
	Storage temperature	-20° C - 60° C (-4° F - 140° F)	
	Relative humidity	10 – 90% non-condensing	
	Pollution degree	Pollution degree II	
	Ingress protection	IP-65 standard (IP-66 optional)	

Services	Electrical	90 – 250VAC 50/60Hz	
	Air	Dry, 5.5 – 6.9 bar (80 – 100 psi)	
Available approvals	CE low Voltage Directive		
	CE Machinery Safety directive		
	CSA _{US}		
	Complies with EC directive 2002/95/EC		
		Standard	Optional
Material and Finish	Electrical Enclosure	304-grade Stainless Steel, 4b finish	
	Frame		
	Conveyor Beds		
	Roller shafts		
	Rollers	Aluminum	304-grade Stainless Steel
	Load Cell		
	Belting	Urethane (green)	FDA approved urethane (blue)
Weight classification zones		3	5
Product recipe memories		100	400
Features		Automatic zero correction Automatic daylight savings time Windows _{XP} HMI technology BlackFin DSP technology Quick release modules Auto-speed control with override Brushless DC motors USB-stick data export 'No-gap' detection/rejection Configurable fault reporting	Range of reject devices Reject verification Infeed/outfeed transfer belts Remote mount HMI Ethernet communications Serial data link communications Advanced statistics & graphs Consecutive rejects output Audible/visible alarms Draft covers/reject covers, bins