



TRANSCEDENCE
AUTOMATION

**Accurate
Flexible
& Reliable**

Wiktus L Series Checkweigher

**Highest accuracy with
Weighing range from
100g to 6000 g**

WHY TRANSCEDENCE

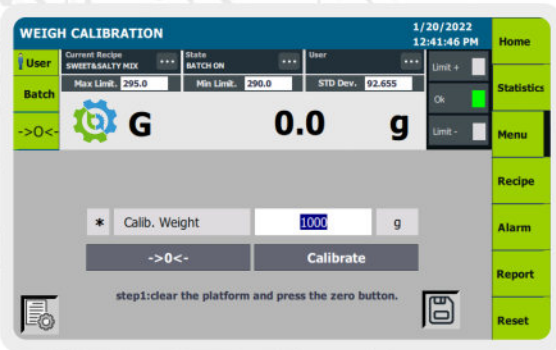
With all industries in mind, Transcendence developed the checkweigher for jars, cans, boxes and bags with operator-friendly screen menus and prompts. Wiktus series facilitates for reversible transport direction & it combines economy and latest weighing technology. The conveyor belt can be quickly removed for effective cleaning.

A choice of optional out-feed conveyors and soring/rejecting devices. Transcendence believes in quality with Cutting Edge Technology. We deliver on site support with services through the life cycle of our product.

We customize our products based on our customers requirements. We ensure hygienic design, accuracy, user friendly, long Life Cycle with Minimum Maintenance cost & high through put standards. Transcendence not only ensures customer's requirements but also ensures flexibility in future.

Wiktus MAIN FEATURES:

- ▶ Simple & easy to configure menus.
- ▶ Modular design for smooth integration into in-line process.
- ▶ An efficient range of configurable conveyor lengths, widths & system heights.
- ▶ Hygienic high quality Stainless Steel design.
- ▶ Fast & easy cleaning with quick change of belts.
- ▶ Automatic belt speed control.
- ▶ Minimum wear and tear with low maintenance cost.
- ▶ Wide range of rejection options.



- ▶ 100 Product memories and final report storage.
- ▶ 3 Weight class zones.
- ▶ Statistical analysis displays.
- ▶ Safety circuits designed as per requirements.
- ▶ Safety with pressurized devices.
- ▶ Outputs : Checkweigher OK, belt running, error (All are galvanically isolated via relay contact).
- ▶ A plenty of mechanical and software options make the checkweighers suitable for different applications.

OPTIONS

- ▶ Rejection monitoring (countercheck).
- ▶ Air Pressure monitoring.
- ▶ Rejection bin level monitoring.
- ▶ Protection Cover with Polycarbonate.
- ▶ Protection Cover with lockable, intervention opening.
- ▶ USB port for Data Dumping, Printer Interfacing and Report Writing.
- ▶ Side Guides appropriate for the application.
- ▶ Different types of Rejectors: Pneumatic Pusher, Air Blower, Swivel Arm, Tilting Conveyor & Retracting Conveyor.
- ▶ IP protection : IP54 (IP 65 optional).
- ▶ Signal tower lamps: 3 colour and Buzzer.

Not just weighing, but **benefits** you more....

EFFICIENT OPERATIONS

- 9" High resolution colour HMI touchscreen, for easy operation.
- Information at a glance.
- Multiple language touchscreen maximizes operator, efficiency, keeping training requirements to a minimum.



SAFETY OF PRODUCTS

- Accurate rejection system to protect both customer's & our brand reputation with Pneumatic Pusher or Air Blower and if required with Rejection Bin.



HIGHLY RELIABLE CONSTRUCTION

- Quality and reliability over the entire checkweigher Life Cycle.





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Not just weighing, but **benefits** you more....

EFFICIENT OPERATIONS

- 10.5" High resolution colour HMI touchscreen, for easy operation.
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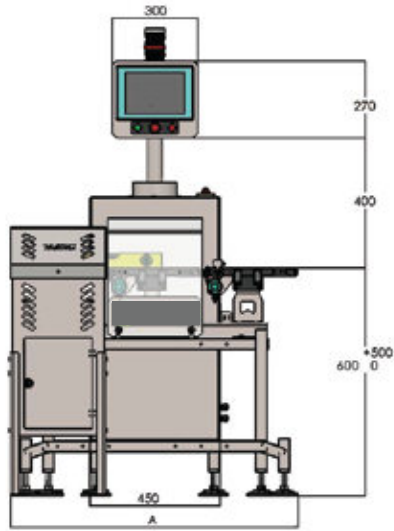
HIGHLY ACCURATE LOADCELL

- Best accuracy at higher loads compared with most of the other checkweighers.
- Fast-response weighing: Quick reaction times of the load cell and software filters which allows less weighing time to increase throughput and productivity.
- Shortest lead time & quickest installation.
- Simple to install and commission and rugged for industrial use.
- Service-friendly & easy maintenance.

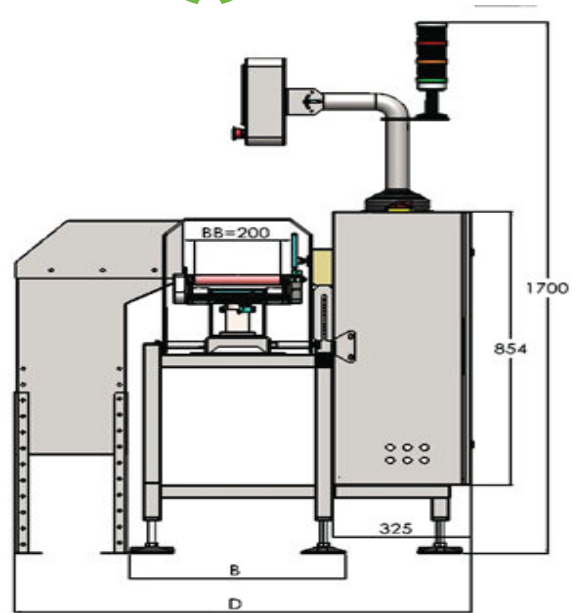


TECHNICAL SPECIFICATIONS

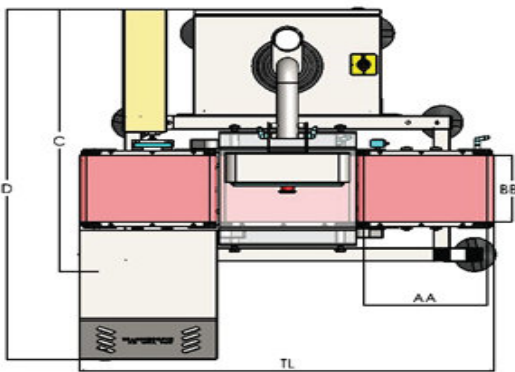
Characteristic	Information			
Weigh system WS	600 g	1200 g	3000 g	6000 g
Weighing range [g]	0 - 600	0 - 1 200	0 - 3 000	0 - 6 000
Resolution [g]	≥ 0.1	≥ 0.2	≥ 0.5	≥ 1.0
Standard deviation [g]	≥ 0.1	≥ 0.2	≥ 0.5	≥ 1.0
Throughput [pcs/min.]	Depends on product, throughput and ambient conditions			
	max. 250	max. 200	max. 150	max. 100
	Depends on product, permissible zone of indecision and ambient conditions			
Conveyor sizes (Center-to-center distance x belt width)	300x200	300x200	300X200 400x300	300X200 500X300
		400x200	400x200	400x200
Transport speed [m/s]	Max. 1,0 (depending on length of package and weighings per unit of time)			
Speed range [m/s]	0.25 – 1.0			
Conveyor	FDA approved food conveyor belts			
Drives	24 V maintenance-free EC geared motors			
Input supply voltage	110/230 VAC (+10 %/ -15 %) selectable; 50/60 Hz (L1, N, PE)			
Power consumption	approx. 350 VA			
Conveying direction	From right to left or from left to right (to be indicate when ordering)			
Operating height [mm]	600... 1100, foot adjusting range: ± 50			
Floor clearance [mm]	150 (± 50)			
Temperature range [°C]	0 to + 55			
Protection	IP 54 (Optional IP 65)			
Weight	Approx. 120 kg			
Dimensions	See dimensional drawings			



Front view



Side view



Top view

Notation	Description
AA	Conveyor Belt Centre-to-Centre distance
TL	Conveyor Belt Total Length
BB	Conveyor Belt Width

WEIGHING PLATFORM DIMENSIONS TABLE:

SL No	Size LengthxWidth	AA	BB	TL	A	B	C	D	Roller Dia
All in Millimetre									
1	300x200	300	200	1000	1010	500	800	1100	30
2	400x200	400	200	1300	1310	500	900	1100	30
3	400x300	400	300	1300	1310	600	1000	1200	30
4	500x200	500	200	1600	1610	500	1000	1100	30
5	500x300	500	300	1600	1610	600	1000	1200	30

Recommended sectors:



Transcendence Automation Pvt Ltd

#1A, TVR Estate, Karivobanahalli Main Road, Nagasandra Post, Bengaluru – 560073