WEIGHT
MULTI-HEAD
ELEKTRON-MHW-20

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MULTI-HEAD SCALE SPECIFICATION

Model	**MHW-20 1,6l**	**MHW-20 3,0l**
Weighing chambers	1,6l one-sided tilting	3,0l tiltable on both sides
Weighing range	15-1000g	
Deviation	± 0,5-2g	
Max speed	to 60x2 portions per minute	
System considering	20 weighing sections	
Separation cone	Vibrating with strain gauge	
Control panel	10.4” Touchscreen	
Main features **C**amera LAN USB output	1. Accurate linear vibrators 2. Specialized weighing chamber 3. Central cone of the hopper with a strain gauge dosing the hopper capacity and product feeding 4. All automation elements of well-known, proven global brands available on the market 5. The system has been equipped with the latest generation software enabling LAN connection with a supervisory computer, USB output as well as the possibility of external supervision of the charging and contemplating system using an industrial camera, which facilitates the operation of one person	
Housing material	SUS304 / SUS316	
Tightness class	IP64 / IP66	
Optional accessories	1. Special perforation of the sheet to facilitate the discharge of the product and maintaining hygiene 2. Specially formed bottom drop for improved machine performance 3. The use of SUS316 acid-resistant steel for the construction of the whole machine	
Power	230V, 50Hz, 2,0KW	
Conditions of delivery	To be agreed	
Delivery time	100 working days from the date of payment of the advance	
Terms of payment	Advance payment in the amount of 50% of the gross price, 40% before delivery, the remaining 10% within 14 days from the date of handing over the subject of the contract	

LIST OF INDIVIDUAL COMPONENTS

Main board components	Main processor	Fujitsu – Japonia
	ROM memory	Cypress - USA
	RAM	Integrated Silicon Solution, Inc. - USA
	Communication	Sipex Corporation - USA
Display	CPU processor	Freescale - USA
	ROM memory	Spansion - USA
	RAM	Micron - USA
	Communication	ADI - Tajwan
Touchscreen	TFT 10.4 – inch	NEC Corporation - Japonia
Operation panel	Touchpad	Magic touch - Tajwan
Drive	Engine	SANYO - Japonia
		National Semiconductor - USA
Controllers	Slotted IR barriers	Toshiba – Japonia

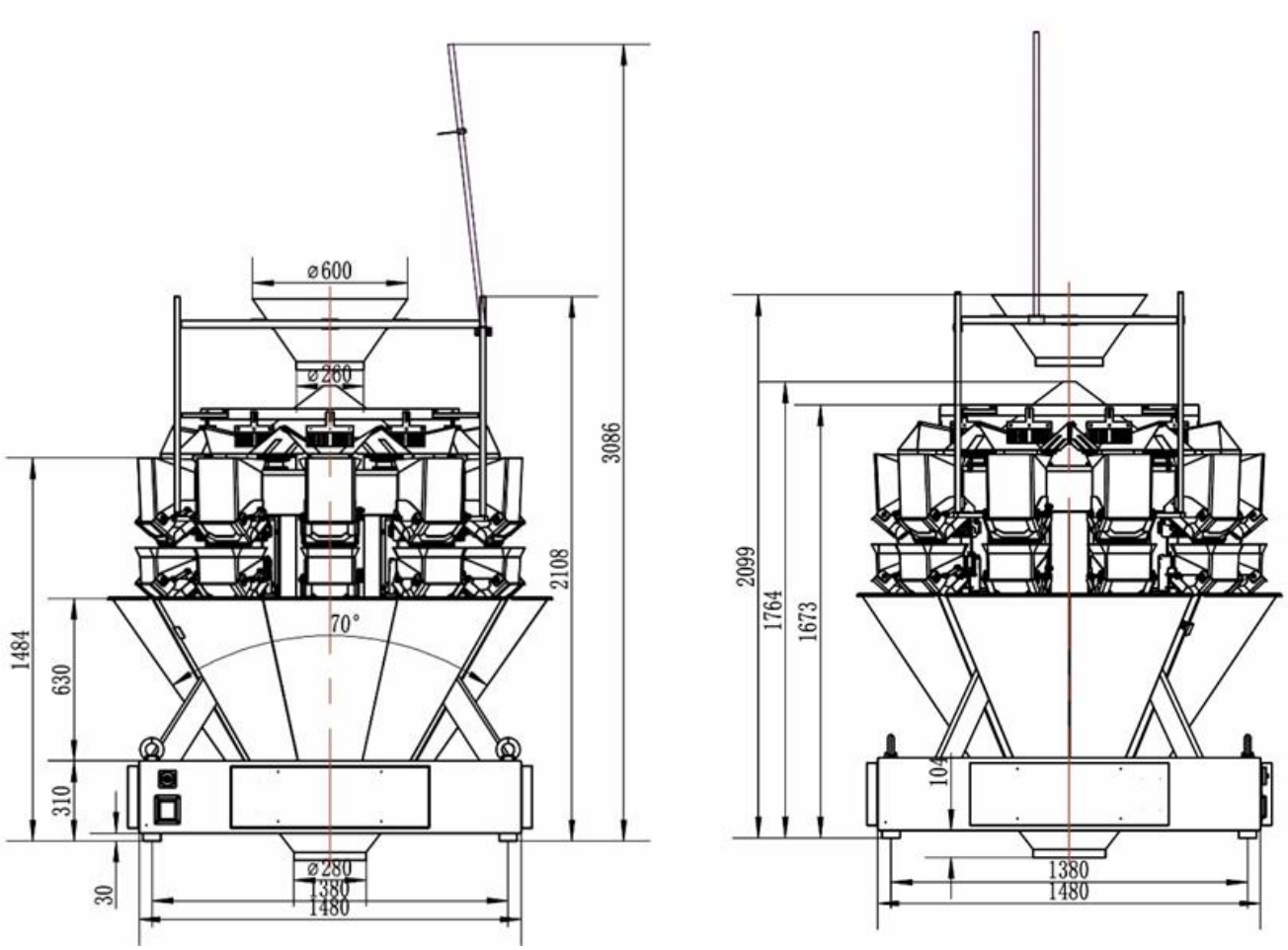
APPLICATION

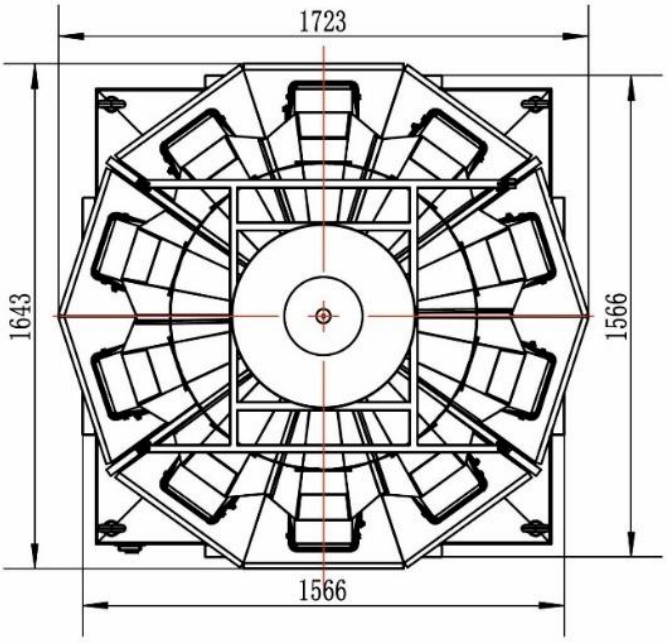
The ELEKTRON-MHW-20 combined automatic multi-head weigher for product portioning is a universal multi-head dispenser for precise consideration of all kinds of loose products and granules, such as frozen food, chocolate, cookies, coffee, spices, seeds, nuts, candies, chemical products, feeds for animals, bread crumbs, grits, sugar, chips and other semi-finished products

FUNCTIONS

- 20 charging sections
- Function of an automatic error calibration system with the possibility of adjusting the scale tolerance
- All automatic unloading sections can be opened for cleaning and maintenance of cleanliness when changing the type or type of product
- The self-weighing charging section has an automatic discharge system in the event of clogging or blockage.
- Menu in Polish and English.
- Has the function of measuring weight based on the weight of the product, counting individual products, or according to the customer's wishes.

TECHNICAL DRAWINGS





FEEDING TRANSPORTERS

Feed conveyor with modular belt

Delivery conveyor with polyurethane belt

Z-type feeding conveyor

Vibrorin dosing

RECEIVING ELEMENTS

Transporters collecting products from the packaging machine

Rotary table receiving products