

GSWLL granulating screener

general features



GSWLL screener operation

The GSWLL screener is designed and constructed according to GMP's procedures. It is particularly suitable for the processing of wet, granulated, or crystalline products, as well as pharmaceutical and active ingredients.

The sifting chamber is equipped with a rotor to which the sieve is attached (in a fixed position). The sieve has a conical shape and a breaker ring with two blades that rotate, dragging the product at a higher speed towards the sieve and breaking up, in turn, possible lumps in the product.

The GSWLL screener allows the installation of three different types of sieves: one made of perforated plate (the most common), and the others made of grooved plate or with square perforations. Each of these can be configured with different mesh sizes and for different applications. The replacement of these sieves is extremely simple and the complete cleaning of the screen is done quickly. By choosing the appropriate sieve, the desired results can be achieved with a minimum of accessories.

OPTIONAL ITEMS

If the product requires it, an additional breaker can be incorporated in the centre of the sieving chamber, with the length and number of hammers to be determined as needed.

Furthermore, its loading and unloading systems can be configured according to process requirements, being possible to incorporate hoppers for gravity loading and unloading, connection pipes to drums and/or vacuum conveying systems.

The GSWLL screeners have a geared motor drive and are equipped with an electronic frequency inverter that allows control the breaker ring's impact on the particles.

Thanks to their easily disassembled design, they are ideal for use in the pharmaceutical and food industries.

This equipment is available in mobile or fixed versions.

Technical Data

Model	Power kW	Speed rpm		Production* Kg/h	Dimensions mm	
		Fixed	Variable		Ø	Length
GSWLL-150	1.5	750	300 - 1,050	100 - 1,000	150	97.5
GSWLL-220	3	750	300 - 1,050	100 - 1,500	220	140
GSWLL-290	5.5	750	300 - 1,050	500 - 2,500	285	168
GSWLL-400	7.5	750	100 - 500	500 - 3,000	400	168

* Approximate production depending on the characteristics of the product.



GSWLL-220 screener with hand-truck-type bedplate and connections pipes for pneumatic conveying.