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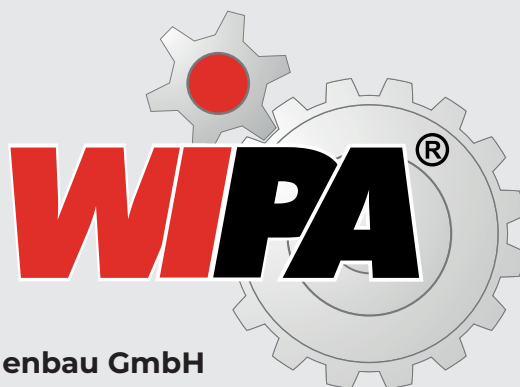


**THAT'S THE WAY
TO RECYCLE**

PRODUCT CATALOGUE
PRESSAGGLOMERATOR



WIPA Werkzeug- und Maschinenbau GmbH





■ TYP WPA



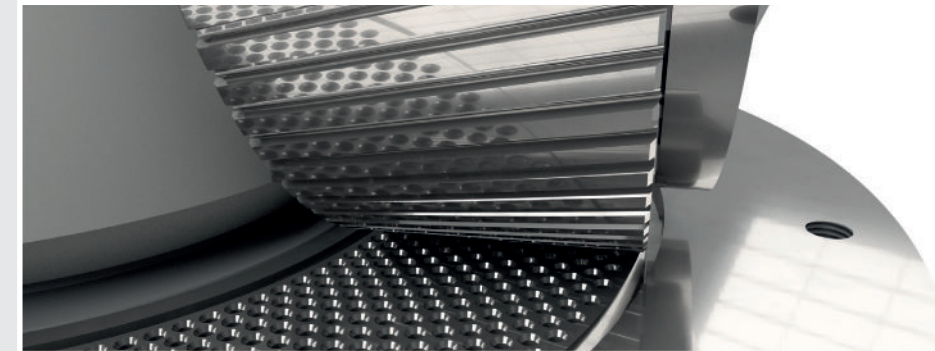
■ WIPA WPA
Solid and compact

PRESSAGGLOMERATION TECHNOLOGY REDEFINED

With the WIPA press agglomerator type WPA, ground-breaking innovations make automatic press agglomeration possible, even with a wide variety of materials.

Outstanding processing diversity

- powdery materials
- fibrous materials
- pasty materials, such as food and feedstuffs
- chemicals
- plastics
- fibers
- foamed materials
- wood and sawdust
- thermoplastic and non-thermoplastic materials
- paper and cardboard
- textiles
- fabrics
- chemical pulp
- dust of all kinds
- metals, e.g. aluminum, copper



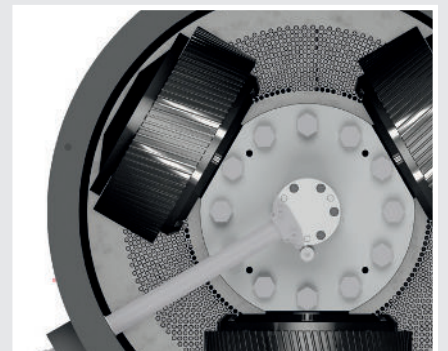
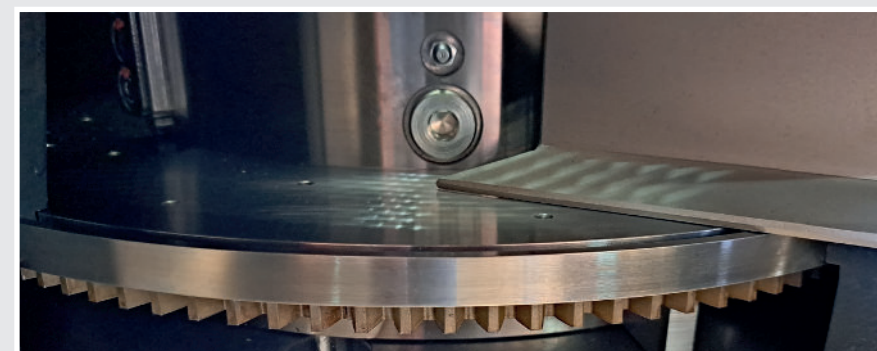
Automatic distance adjustment

The automatic distance adjustment of the pan grinder impellers to the die surface enables the material friction process (with heat factor) for compaction to be shifted into the pan grinder chamber instead of in the die bores and makes quality changes of the pellets possible during operation. This friction displacement enables significant die savings by eliminating adjusted die thicknesses for fixed pellet quality.

With the automatic distance adjustment, a pelletizing process can take place that produces a homogeneous final pellet from different input pellets, which is significant for the pellet and pellet quality. Material disintegration of composite materials, which is otherwise difficult, is made possible by the friction conditions. The latter process takes place mainly with short die holes of 10 - 16 mm.

Automatic control of the speed of the roller wheels

The speed of the pan grinder impellers is controlled fully automatically and synchronously with the feed. Recipe preselection for specified PELLET quality. Recipes allow variable material distribution between the pan grinder wheels and variable material strokes in the die and ensure consistent pellet quality.





The dies cooling

If the temperature specification is exceeded, cooling with adjustable range of the die is automatically switched on. If the material pressure between the pan grinder and die does not drop to the specified pressure, e.g. in the case of wood, paper and biowaste, a liquid/water mist device with adjustable metering can be switched on automatically. Furthermore, additional liquids can be metered in to positively enhance pelletizing.

Cooling system

- Switching on of die cooling device according to temperature preset range
- Connection of water mist device

Pellet length

The speed of the knock-off device located under the die can be continuously adjusted, allowing different individual lengths of pellets to be generated.

Function monitoring

Automatic function monitoring with oil cooling, overload protection with soft start incl. reversing control of the pan grinder head is standard. A round silo with discharge cone and soulless, power-controlled discharge screw is used for uniform metering of the material quantity.

TECHNICAL DATA			
Drive motor	37 - 45 KW	Pellet length	5 - 25 mm
Drive unit	mechanisch	Weight	ca. 1800 Kg
Dies diameter	600 mm	Throughput	bis zu 600 Kg/h Input
Pan grinder diameter	250 mm	(depending on bulk density and pellet diameter)	
Die hole diameter	4 - 16 mm		

Throughput rates and technical data are empirical values and may vary depending on the material.



WOOD



PLASTIC



CHEMICAL PULP

NOTES



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