

The slow speed specialist

TITAN PLUS



Metal detection system



moditec
The passion for the plastic technology



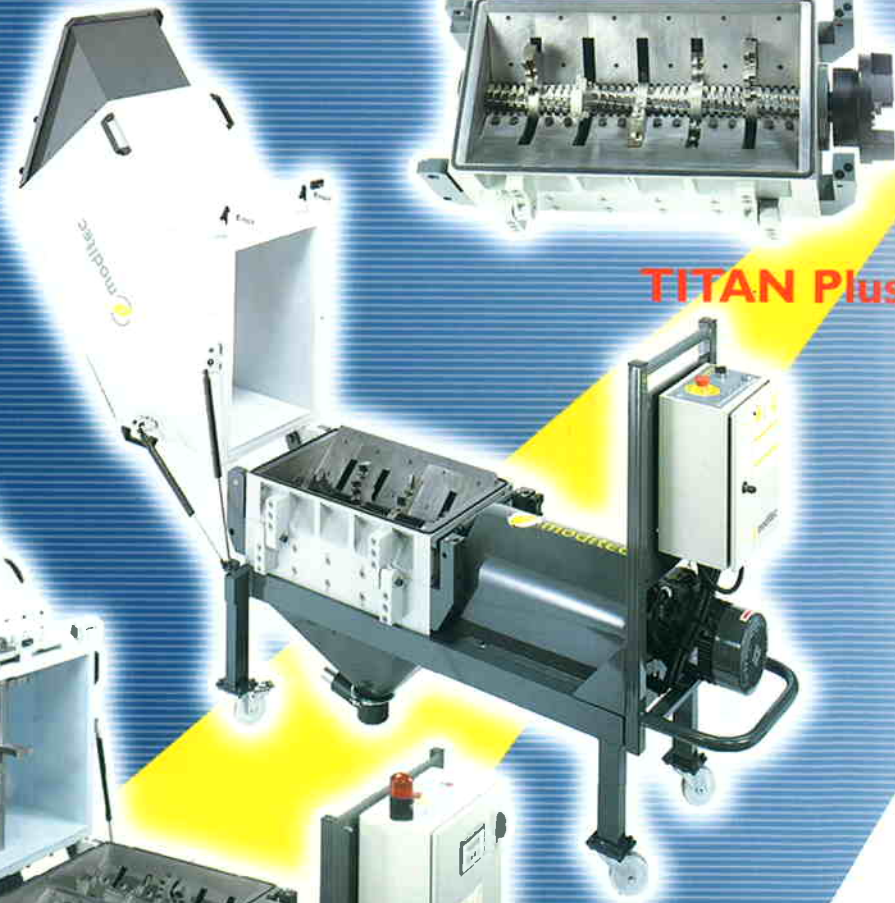
Level detector

optional on the material bin

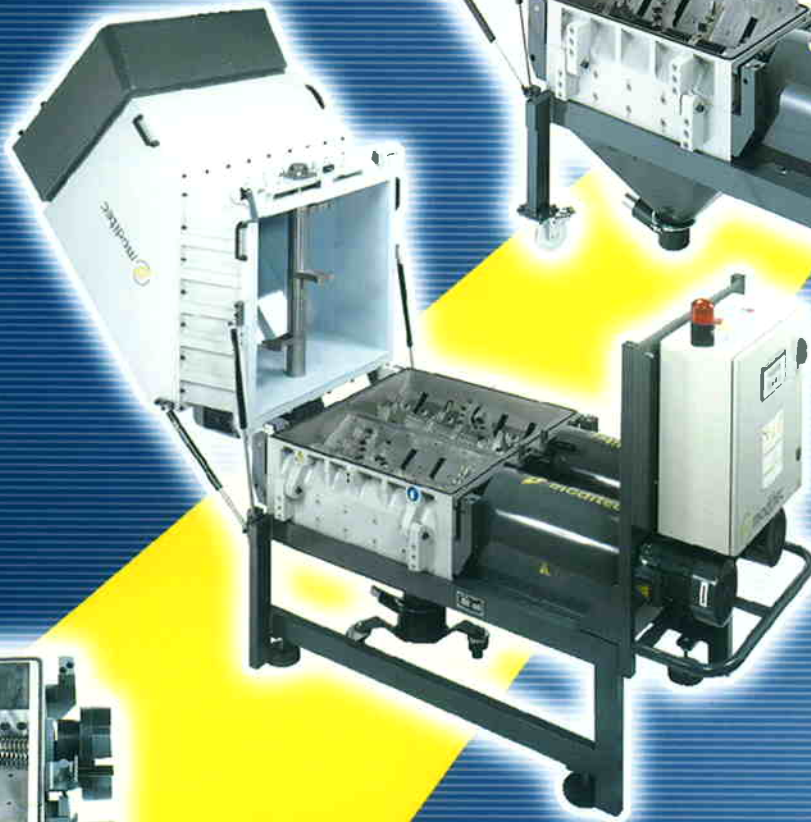


LCD display

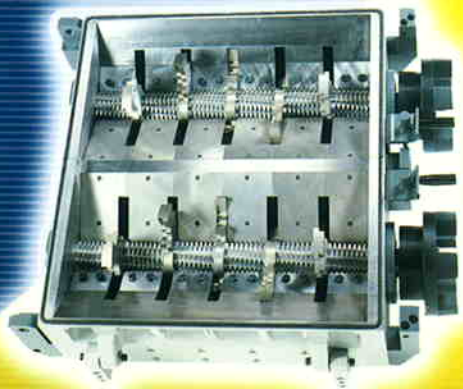
*On the electrical cabinet,
displays troubleshooting
messages*



TITAN Plus



TITAN TWIN Plus



The TITAN Plus power :

The Titan Plus granulators benefit from MODITEC's slow speed technology and ability to recycle larger plastic pieces such as automotive components, bumpers and TV housings.

- 1 model is available in the Titan Plus range with a cutting chamber 746x400 mm with 5 cutters, power geared motor 4 kW.
- 2 models are available in the Titan Twin Plus range with cutting chambers with 8 or 10 cutters, POWER GEARED MOTOR 2x4 kW.

Several innovative options are available such as anti-blocking (ABS) system, cabinet with LCD display, patented Masher system, patented new integrated metal detection (IMD).

MASHER system

Available on the *Titan Plus* line as an option, the patented Masher system will accurately pull bulky reject parts into the cutting chamber and push them into the rotor.

The rotational hooks of the Masher are assembled on a shaft which is located in a mechanical frame between the hopper and the cutting chamber. The Masher hooks grab the parts and push them onto the cutters of the cutting chamber. The Masher is run on an automatic cycle which checks the granulator feed and guarantees user safety.

The third shaft Masher is designed to avoid the stagnation of the pieces in the cutting chamber. Since it rotates in both directions, all the pieces are transferred into the cutting chamber. An optional double Masher on the *Titan Twin Plus* or angled cutters enables the capture of larger and bulkier pieces.



Double Masher option



Integrated Metal Detection

This new patented concept was designed to avoid serious damage should metal parts fall into the cutting chamber.

The *Titan Plus* granulator rotor stops within 40 milliseconds when the system detects a metal part (by contact between 2 areas in the cutting chamber). The LCD display on the electrical cabinet displays a troubleshooting message that metal has been detected.

The *significant advantages* for the user are : **increased productivity** (production is only stopped to remove the metal object), **significant savings** in repair cost.

This optional feature is always combined with the ABS system.



Titan Plus combs



Specifications



GRANULATORS		TITAN Plus	TITAN TWIN Plus 8	TITAN TWIN Plus 10
TRANSMISSION		Flexible coupling		
Motor power	kW	4 (option 5.5 kW)	2 x 4 (option 2 x 5.5 kW)	
Speed	r.p.m.	25		
Cutting chamber	mm	746 x 400	618 x 840	746 x 840
Number of cutters		5	8	10
Cutter diameter	mm	320		
Number of rollers with teeth		6	10	12
OVERALL DIMENSIONS				
Standard/Option 5.5 kW	length	1840 / 2055		-
	width	620		-
	height	1778		-
WITH MASHER SYSTEM				
with Masher/Option 5.5 kW	length	2019 / 2235	1888 / 2107	2019 / 2235
	width	620		1080
	height	2090	2171	2171
WEIGHT				
Standard / with Masher		900 / 1100	- / 1880	- / 2080