

# ThermoPRO

## Rapid Uncompromizing Performance



**Integrated loop design**  
The ThermoPRO has three different loop solutions that can handle start up products in the web up to 200 mm height.



**Super sound proofed**  
The integrated loop control provides maximum sound insulation and reduce the noise level to under 80 dBA (depending application).



**High quality regrind**  
A key is to generate high quality regrind that can be fed back into the production process again without affecting the production negatively. The Rapid ThermoPRO is 100 % developed to maximize regrind quality for Thermoforming applications.

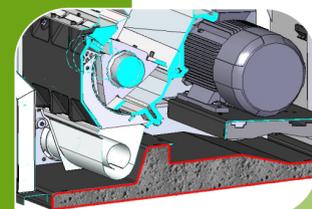


**Heavy duty roller feeder Products up to 200 mm**  
Easily compresses and grind start up cups and products in the web.

Roll feeder are heavy duty design, not only to provide a trouble free in line operation. No extra handling, no contamination of material – just run it directly into the granulator.



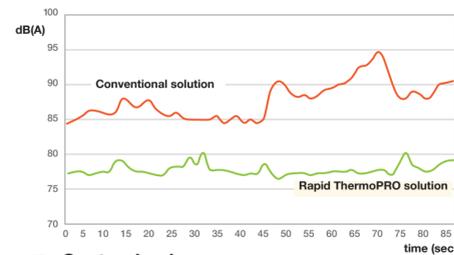
**Inspection window with lights**  
A very safe and simplified solution for operator to monitor operation and when starting up the feeding of granulator.



**Mineral Composite Technology Base, MCT**  
A mineral composite filled base to lower the center of gravity and absorb stress during operation lower the noise and vibrations even in the toughest applications.

### The new modern granulation solution for the thermoforming industry

- Simplicity –**  
ThermoPRO is coming with Rapid's unique and very appreciated "Open-Hearted" design as standard that drastically simplifies cleaning, service and preventive maintenance. Direct and total access to the heart of the machine in less than a minute!
- Extra heavy duty**  
The new heavy duty roller feed has such design and strength so it can compress and feed cups up to 200 mm height, eliminating all manual handling at e.g. startups. – Grind all material and feed it back to the production again without risk of contamination.
- Super Silent – No More Noise**  
With MCT base (Mineral Composite Technology) the vibrations from the cutting process is absorbed. The solution equipped with integrated loop control capture a lot of the granulation noise giving a convenient working environment with less than 80 dB(A) (can depend on material/application).

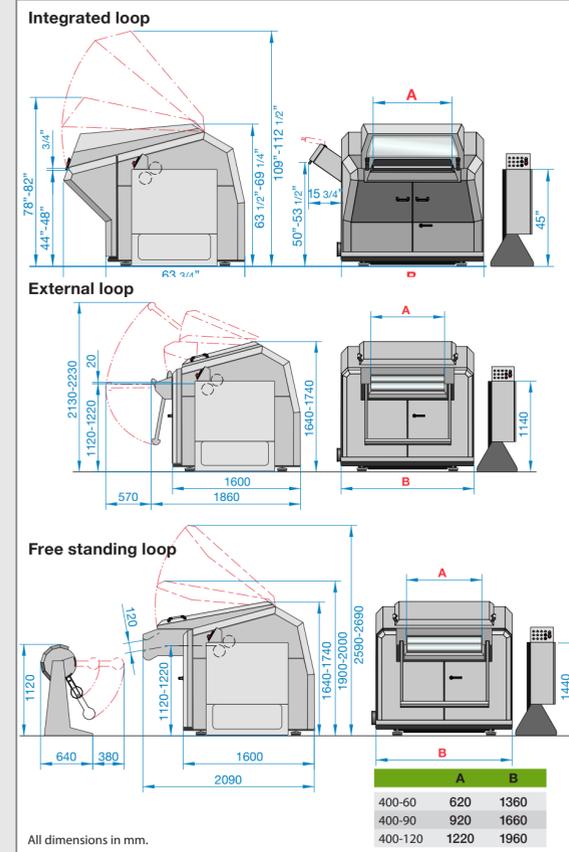


- Customized**  
With 18 base models, and an array of useful options, the ThermoPRO can be 100% tailored for your application.



**Side feed inlet**  
Scrap products can be fed into an optional side feed inlet, 120x120 mm opening

## Specifications



	400-60	400-90	400-120
<b>Granulator features</b>			
Open-Hearted design	3-blade, open		
Rotating knives	3	3	2x3
Fixed knives	2	2	2x2
Cutterhouse, Tangential, mm	620 x 360	920 x 360	1220 x 360
Motor, standard, (kW)	11	15	22
alternatives	11 / 15 / 18.5 / 22 / 32 / 37		
<b>Granulator options</b>			
5 blade rotor, increase throughput			
Side feed inlet, 120x120 for products			
Extra fixed knife, increasing throughput, Tangential			
Mineral Composite Technology machine base (MCT), less vibration, less noise			
Screen diam. Std/opt. (mm)	8, 4 / 6 / 10 / 12 / 17 / 25		
Knife setting jig			
Level indicator			
Frequency control system			
Stitch reduced screen			
<b>Rapid RFT Roll feeder</b>			
Drive motor alternatives (kW)	0,55 / 0,75 / 1,1		
Single drive / Double drive			
Loop control	integrated / external / free standing		
Heavy duty rollers	Knurled / grooved		