

Rapid **150 PowerTech**



Rapid 150 PowerTech line – For the toughest jobs.

The PowerTech line is specifically developed for filled and abrasive materials. It is optimized for long lasting wear resistance and top quality regrind. No compromises! The following headlines are some highlights of the PowerTech concept:

CleanGRIND Cutting technique

There are no short-cuts to the perfect regrind.

- Rapid has virtually perfected the art of processing high quality regrind. Consistent sized regrind with fewer fines that melts more uniformly. Recover your sprues without your production process and you'll feel the impact on the bottom line.

VersaGRIND Technology

- Specify the ideal granulator solution for your type and volume of plastic waste, granule size and recycling requirements. No compromises! Mix and match from Rapid's array of standardised options to create the granulator that exactly fits your application needs.



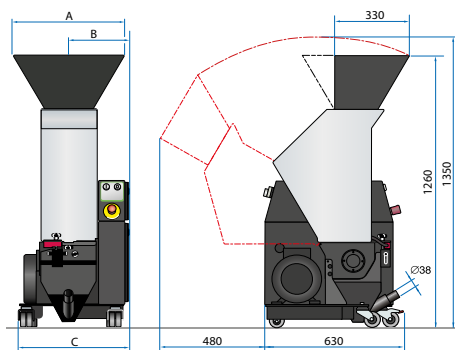
Easy CLEAN Engineering

- Easy cleaning and easy maintenance is fundamental demands for Rapid 150-Series. Instant access to all components provides easy cleaning when changing e.g. material or colours.

Cassette knife system

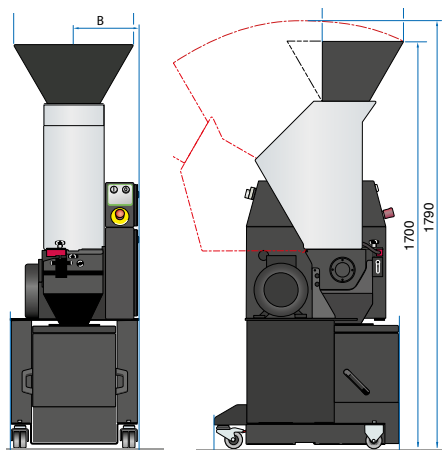
- The PowerTech-line is equipped with PowerTech knives with up to 13 times longer life-time.
- No re-sharpening! No re-adjustments! Just remove the worn knives and replace them with new ones. The knife clearance between rotating- and stator knife will automatically be correct!
- Make sure that you easily and quickly can service your granulator for long lasting durability and top quality regrind.

Standard hopper



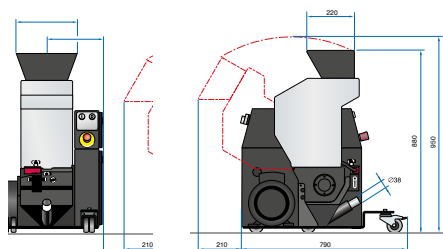
	150-21	150-35	150-42
A	490	630	700
B	270	340	375
C	500	640	710

Hopper standard, base high-built



	150-21	150-35	150-42
A	490	630	700
B	270	340	375
C	500	640	710

Hopper Z-feed, base low-built



	150-21	150-35	150-42
A	490	530	700
B	270	340	375
C	500	640	710

Rapid 150 PowerTech

	150-21	150-35	150-42
CUTTER HOUSE			
Opening, mm	210x150	350x150	420x150
inches	8 1/4 x 6	13 3/4 x 6	16 1/2 x 6
Fixed knives, no	2	2	2
Hardened rotor end disc	◆	◆	◆
Hardened cutter house	◆	◆	◆
ROTOR			
Staggered design	◆	◆	◆
Rotating knives	3x3	3x5	3x6
PowerTech knives	◆	◆	◆
Scissor cut knives	◆	◆	◆
Cassette knife system	◆	◆	◆
Twin bearing	◆	◆	◆
TRANSMISSION			
Motor 0.37 kW / 0.5 Hp	-	-	-
Motor 2.2 kW / 3 Hp	◆	◆	◆
Motor 4 kW / 5.5 Hp	◆	◆	◆
Heavy duty transmission	◆	◆	◆
HOPPERS			
Top feed/high built	◆	◆	◆
Top feed/low built	◆	◆	◆
Rear feed	◆	◆	◆
Removable flaps	◆	◆	◆
BASE			
Standard	◆	◆	◆
High built	◆	◆	◆
Low built	◆	◆	◆
Low built electrical cabinet	◆	◆	◆
SCREEN			
Hole diam., mm/inches	5/3/16"	5/3/16"	5/3/16"
Optional hole diam., mm	3, 4, 6, 8		
inches	1/8", 3/32", 1/4", 5/16"		
Reversible screen	◆	◆	◆
Hardened screen	◆	◆	◆
Stitch reduced screen	◆	◆	◆
Drop down screen cradle	◆	◆	◆
REGRIND COLLECTION BIN			
Dust sealed	◆	◆	◆
Diam 38 mm outlet	◆	◆	◆
Adapter for sack filling	◆	◆	◆
Granule container 45 l	◆	◆	◆
Air veyor system	◆	◆	◆
Level indicator capacitive type	◆	◆	◆
SAFETY			
Interlocking guard	◆	◆	◆
PERFORMANCE			
Weight, kg	160	200	220
lbs	350	440	485
OTHER OPTIONS			
Sound proof hood	◆	◆	◆
Hour counter	◆	◆	◆

◆ Standard, ◇ Optional, - not applicable

Rapid 150 DeltaTech



Rapid 150 DeltaTech line – For demanding needs

Rapid 150 DeltaTech is the most dynamic product line within the 150-Series. With 7 different models and a widerangeofstandardoptions,eachmodelcanbetailor-made to each application. The following headlines are some highlights of the DeltaTech concept.

CleanGRIND Cutting technique

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- Rapid has virtually perfected the art of processing high quality regrind. Consisted sized regrind with fewer fines that melts more uniformly. Recover your sprueswithoutyourproductionprocessandyou'llfeel the impact on the bottom line.

VersaGRIND Technology

- Specifytheidealgranulatorsolutionforyourtypeand volumeofplasticwaste,granule sizeandrecycling requirements. No compromises! Mix and match from Rapid's array of standardised options to create the granulator that exactly fits your application needs.

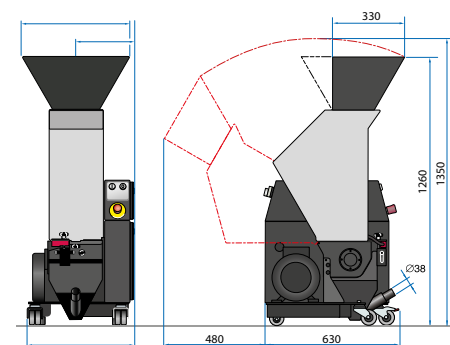
EasyCLEAN Engineering

- Easy cleaning and easy maintenance is fundamental demands for Rapid 150-Series. Instant access to all components provides easy cleaning when changing e.g. material or colours.

Cassette knife system

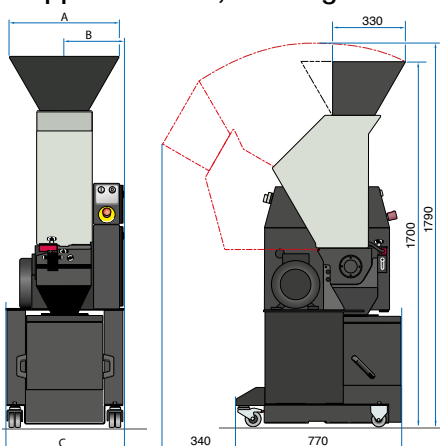
- No re-sharpening! No re-adjustments! Just remove the worn knives and replace them with new ones. The knife clearance between rotating- and stator knife will automatically be correct!
- Make sure that you easily and quickly can service your granulator for long lasting durability and top quality regrind.

Standard hopper



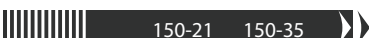
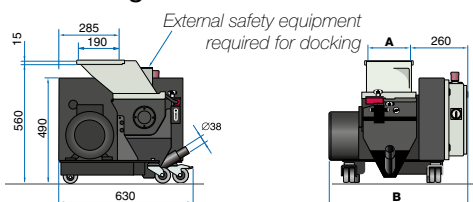
A	490	630	700
B	270	340	375
C	500	640	710

Hopper standard, base high-built



A	490	630	700
B	270	340	375
C	500	640	710

Docking model



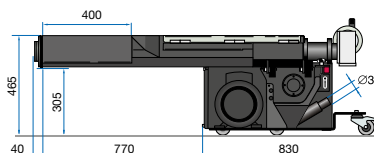
A	206	345
B	650	730

Rapid 150 DeltaTech

	150-21	150-35	150-42	150-21 Auger	150-21 Dock	150-35 Dock
CUTTER HOUSE						
Opening, mm	210x150	350x150	420x150	210x150	210x150	210x150
Opening, inches	8 1/4 x 6	13 3/4 x 6	16 1/2 x 6	8 1/4 x 6	8 1/4 x 6	13 3/4 x 6
Fixed knives, no	2	2	2	2	2	2
Hardened rotor end disc	◆	◆	◆	◆	◆	◆
Hardened cutter house	◇	◇	◇	◇	◇	◇
ROTOR						
Staggered design	◆	◆	◆	◆	◆	◆
Rotating knives	3x3	3x5	3x6	3x3	3x3	3x5
PowerTech knives	◇	◇	◇	◇	◇	◇
Scissor cut knives	◆	◆	◆	◆	◆	◆
Cassette knife system	◆	◆	◆	◆	◆	◆
Twin bearing	◆	◆	◆	◆	◆	◆
TRANSMISSION						
Motor 0.37 kW / 0.5 Hp	-	-	-	-	-	-
Motor 2,2 kW / 3 Hp	◆	◆	◆	◆	◆	◆
Motor 4 kW / 5.5 Hp	◇	◇	◇	◇	◇	◇
Heavy duty transmission	◆	◆	◆	◆	◆	◆
HOPPERS						
Top feed/high built	◆	◆	◆	◇	◇	◇
Top feed/low built	◇	◇	◇	◇	◇	◇
Rear feed	◇	◇	◇	◇	◇	◇
Removable flaps	◆	◆	◆	◆	◆	◆
BASE						
Standard	◆	◆	◆	◆	◆	◆
High built	◇	◇	◇	◇	◇	◇
Low built	◇	◇	◇	◇	◇	◇
Low built electrical cabinet	◇	◇	◇	◇	◇	◇
SCREEN						
Hole diam., mm/inches	5/3/16"	5/3/16"	5/3/16"	5/3/16"	5/3/16"	5/3/16"
Optional hole diam., mm	3, 4, 6, 8					
Optional hole diam., inches	1/8", 5/32", 1/4", 5/16"					
Reversible screen	◆	◆	◆	◆	◆	◆
Hardened screen	◆	◆	◆	◆	◆	◆
Stitch reduced screen	◇	◇	◇	◇	◇	◇
Drop down screen cradle	◆	◆	◆	◆	◆	◆
REGRIND COLLECTION BIN						
Dust sealed	◆	◆	◆	◆	◆	◆
Diam 38 mm outlet	◆	◆	◆	◆	◆	◆
Adapter for sack filling	◇	◇	◇	-	-	-
Granule container 45 l	◇	◇	◇	-	-	-
Air veyor system	◇	◇	◇	◇	◇	◇
Level indicator capacitive type	◇	◇	◇	◇	◇	◇
SAFETY						
Interlocking guard	◆	◆	◆	◆	◆	◆
PERFORMANCE						
Weight, kg	160	200	220	220	140	170
Weight, lbs	350	440	485	485	310	375
OTHER OPTIONS						
Sound proof hood	◇	◇	◇	◇	◇	◇
Hour counter	◇	◇	◇	◇	◇	◇

◆ Standard, ◇ Optional, - not applicable

Auger model



Auger inlet opening: 400x300 mm

