

# RSP 15

## Granulators

### Versatility and ruggedness

**Benefits:**

- Reduced energy usage
- High quality regrind
- Easy cleaning and maintenance operations
- Integrated soundproofing



Piovan's RSP 15 series granulators are designed for recovery of defective pieces and sprues in a closed circuit beside the injection moulding machines. The four models in the range

are characterised by a rotor with a 150 mm diameter and length ranging from 150 mm to 375 mm, with multiple staggered knives featuring scissor-like cutting action

# PIOVAN

Customers. The core of our innovation

## Customer oriented solutions:

### Quality of the regrind

no dust and uniform size, thanks to:

- the angle of the knives, to guarantee a clean and precise cutting action
- two lateral discs running with the rotor, to eliminate friction of the material to be ground against the chamber sides, avoiding deformation from stress.

### Silent functioning

(extremely reduced sound levels, below 80 dB(A) for most polymers used)

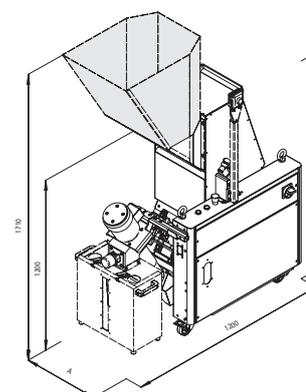
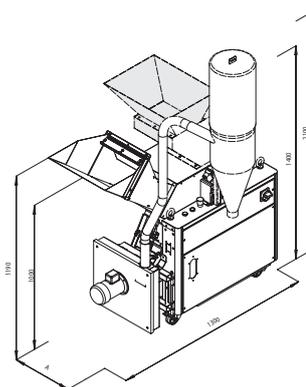
- progressive cutting action
- soundproofing panels

### Safety for the operator

- the distance between the hopper inlet and the rotating knives prevents any risk of accidental contact.
- the wide hopper inlet and the internal design of the hopper make the material free fall, with no blockage or material backflow.
- two blocking safety devices

### Easy cleaning

- access to granulation chamber through hinges
- the rotor knives are disposable-like, quick to install and do not require any mechanical adjustment.



TECHNICAL DATA		RSP 1515	RSP 1523	RSP 1530	RSP 1538
Granulation chamber	mm	150x150	150x225	150x300	150x375
Hopper inlet	mm	150x150	150x225	150x300	150x375
Rotor diameter	mm	150	150	150	150
Fixed knives	n.	2	2	2	2
Rotor knives (two-knife rotor)	n.	4	6	8	10
Rotor knives (three-knife rotor)	n.	6	9	12	15
Motor power *	kW	2.2 (6 poles)	2.2 (6 poles)   4 (4 poles)		
Installed power **	kW	2.3	2.3/4.1		
Rotor speed	rpm	190	190/290		
Noise level	dB(A)	<80	<80		
Dimensions A	mm	433	508	583	658
Weight ***	kg	200	235	270	300

\* Power supply: 400 V / 3 / 50 Hz

\*\* Configuration with inclined extraction auger or cyclone and blower

\*\*\* Configuration A

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