



Lump breaking

Shredding

Stones removal

## DISINTEGRATOR R et RR Type

**PELERIN**  
Preparation and production



**THE DISINTEGRATOR IS USED TO BREAK SMALL LUMPS FROM THE QUARRY.**

It is mainly made up of :

- A metallic box collecting the lumps to be broken.
- **Two counter-rotary crushing rolls, one of them equipped with transverse small bars.**

### Technical Characteristics - Example 84RR10

Smooth roll's diameter	770 mm
Bars roll's diameter	400 mm
Rolls' width	1000 mm
Maximum flowrate	80 m <sup>3</sup> /h
Installed power	55 kW
Speed of the smooth roll	110 rpm
Speed of the bars roll	600 rpm
Total net weight	5 400 kg

## Technical Specification

- **Metallic box fitted with four steel tension rods transferring the stress transmitted by the rolls.**

Small roll on which are set hard tungsten carbide steel small bars.

- **Big smooth roll controlled by a deflecting pulley and trapezoidal belts with ball bearing stretcher.**

Adjustable manganese steel scrapper to clean the smooth roll.

## Options

- **Drive by hydraulic coupling.**
- Destoning spout to remove large stones by projection.

## Range

Type	Roller diameter ( m )	Roller width ( m )	Installed power ( kW )	Maxi Flowrate ( m3/h )	Weight ( kg )
<b>84R6</b>	0,400 / 0,750	0,600	30	30	3 600
<b>84RR8</b>	0,400 / 0,750	0,800	45	50	4 870
<b>84RR10</b>	0,400 / 0,780	1,000	55	80	5 400
<b>106RR10</b>	0,600 / 1,000	1,000	90	150	9 550