

Reduce Turnings and Bulky Material into Shovel-Grade Chips

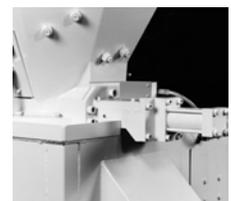
Continuous, positive feed operation for high volume reduction.



Feed hopper directs material down into the crusher's fixed cast cutters and rotating arm.



Fixed and rotating rings are used in final crushing stage



Solids ejector prevents equipment damage by removing occasional solids.

Maximize storage space and reduce transportation costs by reducing large volumes of scrap

- Reduces scrap volume up to a 6:1 ratio
- Increases the efficiency in reclaiming cutting fluids and coolants
- Lowers transportation costs and reduces housekeeping maintenance
- Further down stream processing of reduced material may include centrifuging or briquetting to separate fluids from flowable metal chips
- Automated storage and load out systems may be incorporated



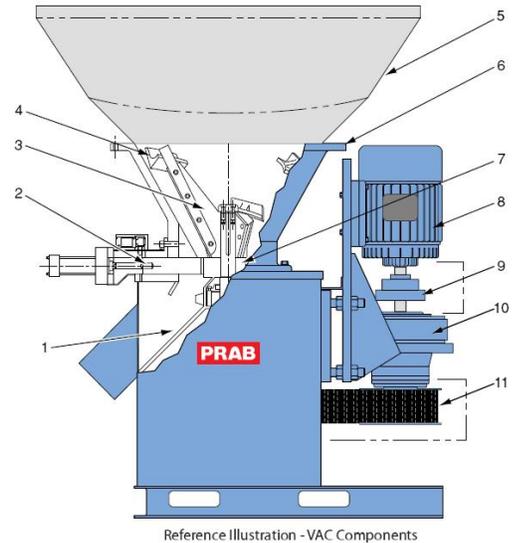
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VAC II Components

1. Discharge Chute
2. Solids Ejector
3. Rotating feeder arm with hardened steel cutter
4. Fixed cast cutters
5. Feed hopper
6. Cast Alloy crusher hopper
7. Rotating cutter ring
8. Motor
9. Friction clutch
10. Gearbox
11. Cog drive belt



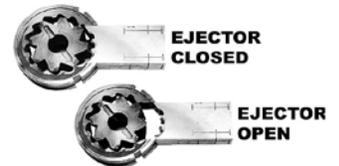
The VAC II In Operation

Metal turnings are fed into the VAC's feed hopper (Item 5) which directs the material down into the crusher's cast alloy hopper (Item 6). Fixed cast cutters (Item 4) and the rotating feeder arm (Item 3) reduce the turnings to small pieces. Final crushing is done as the material passes between the fixed cutter ring and the rotating cutter ring (Item 7).



Operation – VAC II Automatic Solids Ejection Feature

Under normal operation the solids ejector is closed. When an occasional solid is encountered, the ejector snaps open allowing the solid to be discharged. The ejector automatically closes for continued operation.



Nominal Capacity*	Footprint	Motor Power	Net Weight
Model: VAC II			
Aluminum: up to 1,500 lbs/hr (682 kg/hr) Steel: up to 2,500 lbs/hr (1134 kg/hr)	54 in x 40 in (1,4 m x 1 m)	20 hp (14 kW)	3,000 lbs (1 360 kg)

*Capacity varies with different types of material, scrap characteristics, and incoming bulk density. For accurate output figures in in lbs/hr (kg/hr) take the vertical axis crusher for a FREE Material Test!
Feed hoppers are required to facilitate loading. Available in multiple sizes to fit your application requirements.

Chip Processing:

Phone: 800-968-7722 (US/Can) or 269-382-8200
Fax: 269-349-2477
Email: sales@prab.com

Fluid Filtration & Recycling:

Phone: 800-493-3462 (US/Can) or 269-342-1918
Fax: 269-342-4120
Email: filtration@prab.com

