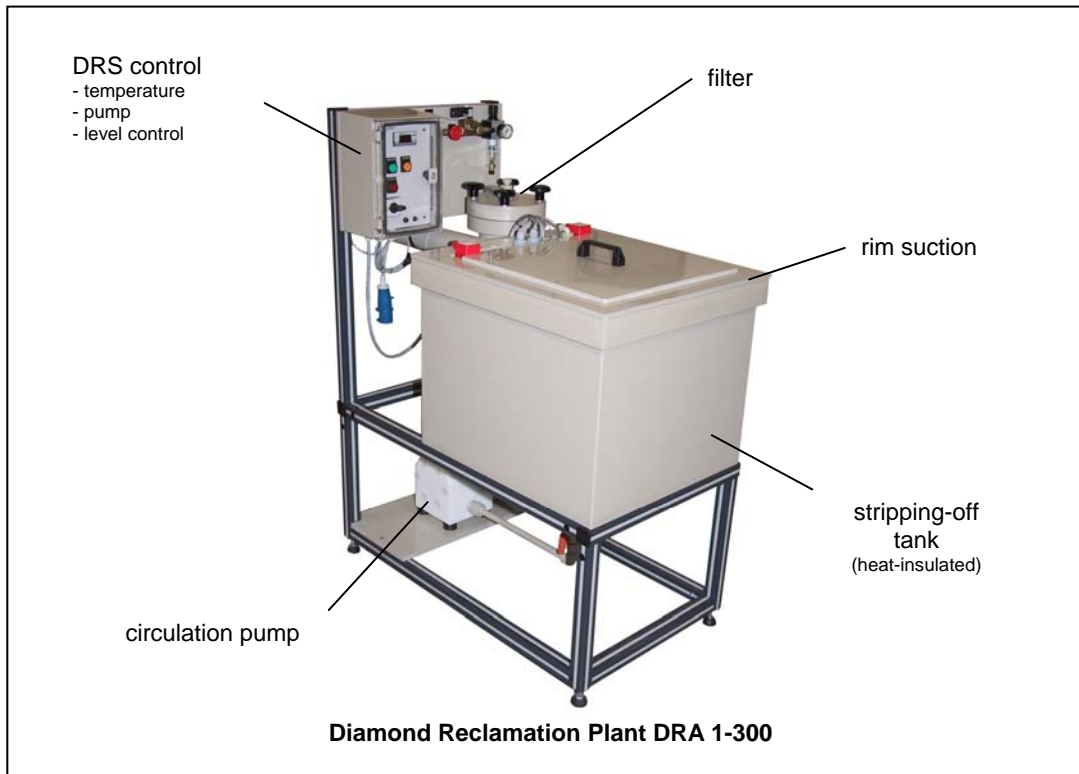


## Diamond Reclamation Plant DRA



### Description:

The diamond reclamation plant, DRA, is used for the reclamation of abrasive and basic ferrous and non-ferrous blanks of electroplated diamond and CBN tools. The tools are put into a special container for the stripping process. During this process the nickel is removed from the blanks while allowing the copper based alloy and steel body not to be affected. An integrated compressed air diaphragm circulating pump is

used to ensure a uniform temperature distribution allowing grits to be filtered out and into a special filter bag. After 8 to 24 hours, depending on the grit size, the stripped blanks can be taken out, cleaned, and re-coated. The diamond or CBN grits can be taken from the filter bag and be cleaned if required then sorted and used again.

### Technical Data:

max. wheel diameter:  
max. tool weight:  
tank volume:  
bath temperature:  
dimensions (L x W x H):  
power connection:  
connection rim suction:  
- heat-insulated stripping-off tank and tubing made from PP  
- automatic level control and anti-dry protection  
- filter bag device with cleanable filter inserts  
- compressed air diaphragm pump

### DRA 1-300

300 mm  
approx. 20 kg  
approx. 115 l  
max. 75°C  
approx. 570 x 1000 x 1300 mm  
approx. 2,5 KVA, 220V, 16A  
D75

### DRA 1-500

500 mm  
approx. 30 kg  
approx. 330 l  
max. 75°C  
approx. 770 x 1200 x 1300 mm  
approx. 5 KVA, 380V, 16A  
D75

### Recommended stripping-off chemical for electroplated nickel layers:

Stripping-off chemical AKE, part 1 to 5  
Stripping-off rate: max. 30 µm Ni/h (50-60°C)  
max. metal loading: approx. 30g Ni/l