



METALWORKING, METALLURGY AND PLASTICS INDUSTRIES

***Parts dewatering / de-oiling after machining, cold
stamping, oil quenching ...***

***Swarf or chip dewatering/de-oiling
(steel, aluminium, brass ...)***



***Automatic Centrifugal
Extractor RC 40 Vx VO***

Automatic Cycle

Loading

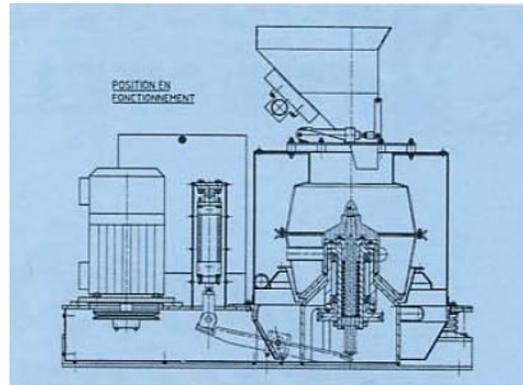
While in the closed position, the basket's rotation is started. Once the selected speed is reached, the solids are introduced to the basket by gravity by turning on the feed conveyor or by opening the upper hopper.

Hydro-Extraction

Once the basket is loaded, the speed increases until the selected speed is reached. The duration of the extraction cycle is timer controlled and set in advance.

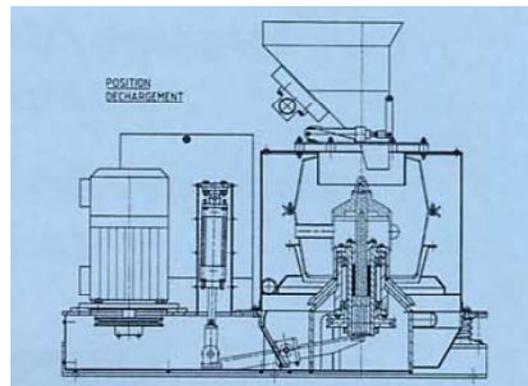
Unloading

The basket automatically slows down to a full stop. Under the action of the pneumatic cylinder the basket chute moves upward, releasing the load which is discharged by gravity in the lower hopper. Once the basket chute returns to its lower position, the basket starts to rotate at slow speed enabling the cleaning nozzle to clean out the filtration area. The product collected is discharged and the chute closes on the bottom of the basket to start a new cycle.



Loading / Hydro-Extraction

Basket chute in the lower position



Unloading

Basket chute in the upper position

GENERAL CHARACTERISTICS

- Rigid type centrifuge, mounted on base plate with isolators
- Mild steel construction
- Drive by side-mounted electric motor (3kW) connected to an AC variable frequency drive
- Retractable basket chute with pneumatic control (by external side-mounted cylinder)
- Basket grid cleaning nozzle fixed on casing
- Removable casing top with funnel, for basket cleaning
- Basket:

Diameter	400 mm
Useful volume	18 liters
Permissible load	35 kg
Variable speed	100 to 1000 RPM

OPTIONAL EQUIPMENT

- Upper loading hopper (standard or vibrating) with opening/closing via a pneumatic cylinder
- Raised steel base designed according the type and size of the load recovery system (container tank, conveyor belt, etc.)
- Stainless steel basket, optional polished interior
- All parts in contact with the product in stainless steel
- Vibrator on the discharging lower hopper
- Loading conveyor or loading bucket.

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