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Walther Trowal CA980 "Circlon" Vibratory Bowl Mass Finishing Machine with Acoustic Cover



Stock Code: VA2183J

Manufacturer: Walther Trowal

Model: CA980

Year of Manufacture: 2000

Serial: 02260

New or Used: Used (Second Hand)

Capacity: 980 litres

Type: Helical Bowl for High Abrasive Pressure

Other Info: Bottom to Top Work Path for Single Pass

Weight: 2660

External Dimensions (WxDxH): 2050 x 2400 x 1900mm - Bowl

CA980 Circular spiral bowl

Including Acoustic cover with variable speed and compound/water metering system

The CA980 is a cast poly lined 980ltr capacity overlapping helical vibratory bowl. The "Circlon" CA bowl is an automatic vibratory process, and with its spiral process channel design which minimises damage and scratches to the component. With the extended overlapping spiral design a longer process length can be achieved which sometimes allows continuous parts processing of same sized components.

The process speed is controlled by the divorced variable speed drive unit with a range of 800-1500rpm. The separation flap can be used to extend the process by allowing multiple passes around the bowl when required.

Overview



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Circular vibrator suited to high quality surface finishing requirements, efficient grinding with low impingement. Helical shaped bowl giving uninterrupted flow of both media and parts. Can operate continuously in a single cycle. Built in screening device. (pneumatically activated) Wear resistant cast polyurethane lining, 24mm thick. Divorced drive system with belt. Maintenance free and energy saving. Total Volume (litre): 980. Channel width of 480 mm. Work Load Capacity (litre): 114 - 343. Largest work piece: 300 mm (measured diagonally). Drive power at 1500rpm 15kW. Single pass travel of approx. 5M

Function / Process

Circlon vibrators type CA are automatic abrasive finishers with overlapping helical work bowls. The mixture of workpieces and abrasive media moves during the course of circulation from the bottom to the top level of the work bowl. During this advanced motion the mixture is circulated in a spiral from the outside to the inside. In addition, workpieces and abrasives media describe relative movement in relation to one another. This three-dimensional movement generates high abrasive pressure and prevents reciprocal shattering or scratching of the workpieces. After finishing the mixture id passes via a tilting flap to the screening area. Separation (closure of the flap) is initiated pneumatically. The finished workpieces are ejected, the abrasive media drops back through the screen into the work bowl.

View Walther Trowal CA980 "Circlon" Vibratory Bowl Mass Finishing Machine with Acoustic Cover on our web site at <https://www.rileysurfaceworld.co.uk/machines/30691.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.