Walther Trowal Model A150 Octagonal Rumbling Barrel

Stock Code: VU1086
Manufacturer: Walther Trowal
Model: A150
Serial: 10.913
New or Used: Used (Second Hand)
Capacity: 70 usable litres
Other Info: Auto unload facility
Weight: 315
External Dimensions (WxDxH): 800 x 1500 x 1600

This pre owned hand Walther Trowel A150 rotating barrel generates an extremely gentle finishing process with an even surface finish as either a mass finishing or mechanical plating barrel.

Rotating barrels offer in many instances technically and economically optimum solutions, especially for processing of small parts in small to mid-size batches. Trowal barrels are also ideal machines for surface smoothing, polishing and even mechanical plating.

Functional principle
Walther Trowal Model A150 Octagonal Rumbling Barrel

The double cone octagonal shape of the rotating barrel generates a three-fold sliding movement of the media/parts mass. At rotational speeds of between 9 - 30 rpm in 6 steps (9, 12, 15, 18, 24 and 30) the relative movement between parts and media is extremely gentle and, thus – with relatively long processing times - produces an excellent surface finish.

The machine is equipped for the Manual loading of parts and media and also for ease of unloading with an electro-mechanically tilting device.

Technical characteristics

• Barrel drive: dual speed motor with 3-stage V-belt and toothed gear drive
• Barrel: Double cone octagonal welding construction
• Wear protection: Barrel lined with wear and chemically resistant rubber

Notes on Mechanical plating

Mechanical plating is an effective means of applying zinc, tin, or other ductile metals or mixtures of ductile metals to metal substrates - usually steel. In the mechanical plating process, impact energy is transferred from the rotating open - ended oblique barrel through glass beads, resulting in the cold - welding of fine metal dust particles to the substrate.

The resulting deposit is slightly porous, matte in finish, and provides corrosion protection to the articles so plated without introducing hydrogen embrittlement into the part. It is therefore used widely to provide corrosion protection to high - strength fasteners, particularly those above about Rockwell C 40.

Details

800 x 1500 x 1600 mm h Maximum External Dimensions
barrel/WE opening dia. - Ø260mm
motor type - 1LA5090
1.1kw / 400v / 50Hz / 2.7//3.6A
3000rpm
speed range - 9 to 30 rpm

Please not the video link is generic
View Walther Trowal Model A150 Octagonal Rumbling Barrel on our web site at http://www.rileysurfaceworld.co.uk/machines/26823.htm

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.