

Aceti Long Belt Pad Sander



Stock No	PF1227J
Manufacturer	Aceti
Model	ART.144
Year of Manufacture	2022
Serial	7110
Condition	From a working environment, Excellent Condition
R.P.M.	700/1400 rev's, Belt speed 11/22M/Sec
Hp/Kw	6.0Hp. // 4.5kW
Other Info	Max Component 2400 x 800 x 420mm 150Kg
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	630
External Dimensions (WxDxH mm)	3700 x 2150 x 1600mm

Description

Aceti Pad Sander / Long Belt Spot Linisher

The ART.144 pad sanding machine allows for finishing and satin-finishing flat surfaces such as plates and sheet metal, bars and tubes with a square or rectangular cross-section, and especially large surfaces such as casings, boxes, and fairings.

In addition to sanding, satin-finishing, and general finishing, it is possible to perform grinding and deburring on parts cut

by shear or thermal cutting (such as oxyfuel or laser).

It is also possible to perform deburring to remove weld seams on boxes and fairings.

Belts of any type of abrasive grain (corundum, zirconium, ceramic, diamond, agglomerate, cork, Trizact, Scotch-Brite, etc.) can be used to achieve varying finishes.

The parts are sanded using an abrasive belt and a pad that is manually operated by the operator.

The workpieces are positioned on the support table, which is covered with fireproof material and electrically motorized to adjust the height based on the thickness of the workpieces.

Principle machine operation

- Abrasive belt
- Contact unit moves up and down, and left and right.
- Table moves up and down, and forwards and backwards.

Applications

- Metallic and none metallic materials.
- Grinding and finishing of sheet, plate, extrusions, and other flat parts.
- Deburring of laser, plasma, and flame cut blanks.
- Deburring of guillotined, sawn, nibbled, and punched parts.
- Finishing of fabrications.
- Grinding and blending of welds.
- Grinding of castings.
- polishing of stainless steel.
- Sanding of wood, paint, plastics, etc.
- Blending of profiled parts.
- De-nibbing and polishing.

Technical details

- Table length 2400mm, Table width 800mm. NOTE, Table and width does not mean max working dimensions, these also depend upon on the contact roll or pad assembly used.
- Vertical table travel approx. 500mm. Components from 1 to 420mm.
- Abrasive belt drive motor 700 rev/min, 1400 rev/min dual speed.
- Abrasive belt dimensions 150 mm wide x 7000mm.
- 400 / 50 / 3 Phase supply.
- Motorized table lift.
- Single vent extraction hood.
- TAR.144 Roll buffer for corner profiles. Pad suitable for performing finishing and deburring operations on rounded corner profiles such as fairings and boxes, particularly for performing deburring on welding seams.
- Approx. weight 630kg .
- Overall dimensions 3700 x 2150 x 1600mm

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.