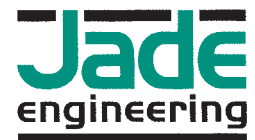


JADE ENGINEERING PRODUCT

JUPITER CNC CORNER CLEANER

FOR PVCU MANUFACTURERS



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A QUALITY
BRITISH PRODUCT

DEALER ENQUIRIES WELCOME

FOR PVCU MANUFACTURERS



The Jupiter is a two-axis CNC machine tool, It has been designed and manufactured for use in the PVCU Window & Door Fabrication Industry. Its prime functions are:

- Full removal of weld sprue (Corner cleaning) from outer edges of welded joints
- Removal of weld sprue from visible internal edges of welded joints
- Feature Grooving (top and bottom) of welded profile joints
- Gasket drilling (top & bottom) to remove weld sprue from the gasket slots of welded joint

1 Specification

- Jupiter requires a single-phase, 240V - 5A electric supply, which enables the use of a standard 13A mains electricity socket
- Jupiter requires an air feed of $\phi 1/2"$ bore minimum at 8 bar max pressure and 5 bar continuous supply
- The overall dimensions are 1000mm wide, 1800mm deep, 1750mm high with support stand - 1850mm x 2800mm x 1750mm
- The approximate weight = 450 kg
- The minimum window vent size that can be cleaned is 240mm
- The maximum profile height is 90mm
- The maximum section width is 120mm
- Corner cleaning cycle time for a typical 'Z' Section (i.e. 70 x 70) with internal feature will be 34 seconds (to include all corner cleaning operations)
- Jupiter can store up to 80 different programs in memory at any one time (subject to profile complexity)

2 Operating Principles

2a Cutter Paths/Installation/Commissioning

As standard, up to 10 profile programs will be supplied, installed and tested in the machine. Further programs can be supplied and installed on request. The machine will be installed and commissioned at the customers' site. A half days training for up to 2 operators will be provided on site

2b The control panel (mounted at the front of the machine) enables the operator to select the profile required to be cleaned. The display comprises of a 4 x 20 character LCD module providing information on the profile selected to be cleaned

2c The operator can introduce offsets into the machining axes to correct any discrepancy in the profile batches that do not affect the profile form

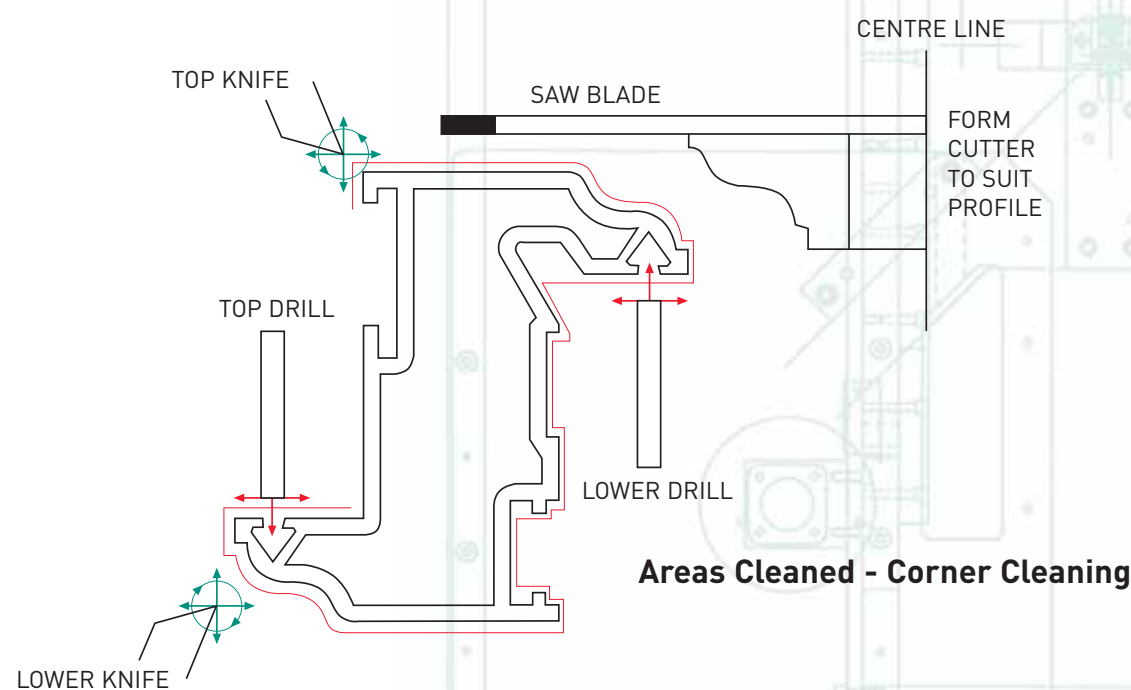
2d Each tool can be selected/de-selected via the control panel

2e The operator locates the profile against fixed back fences

2f Cycle start is initiated by foot pedal resulting in profile clamping and cleaning

3 Other Features

- Jupiter is floor mounted and totally enclosed to promote a safe working environment
- A fully detailed manual of operation is provided with all machines
- In the event of an emergency stop, the cutter is halted by air operated brake mechanism
- An extraction unit for removal of PVCu swarf/dust and a frame support stand are included with the machine as standard
- All controls electronics are contained within confines of the machine
- In-built computer software diagnostics with error logging can be used to 'trouble shoot' any difficulties



DIMENSIONS:

Width: 1000mm
Depth: 1750mm
Height: 1800mm
Weight: 450Kg

MACHINE DATA:

Electrical Connection: Single phase, 240V plus earth
Pneumatic Connection: 1/4bsp. Minimum at 8 bar max - 5 bar continuous
Moto Spec: 1.1KW
Overall foot print with support stands: 1850mm x 2800mm x 1750mm