Vacuum Areas

Introduction

The overlay sheet on the printer table creates a vacuum field, which is divided into zones by magnetic strips on the underside. When the printer is shipped, the vacuum zones are configured to support common metric or imperial media sizes. The zones are installed at the factory, according to operator preference when the printer is ordered. The purpose of the vacuum zones is to reduce the preprint setup time by reducing the need to mask the open area on the vacuum table when printing on the most common-size media. The printer ships with a vacuum field configured to support either metric or imperial size media.
For the Océ Arizona 600 Series GT vacuum control valve handles are used to manage these zones. The printer has five control valves that determine the zones that are active when the table vacuum pump is on. Zone 1 area is always active, and the five valves control zones 2 through 6. The vacuum zones are open when the valve handles are vertical.

Purpose

The vacuum system holds the media in place. The zones described in this section are arranged to accommodate common media dimensions.

Metric Vacuum Zones

> NOTE THIS IS FROM FACTORY AND OUR PRINTER IS DIFFERENT

The following shows the locations and media dimensions associated with the factory-set metric vacuum zones. The name of the zone indicates which vacuum handle controls that zone (except 1 as that zone is always on).
• Vacuum zone 1 = 600 x 800 mm
• Vacuum zone 2 = 700 x 1000 mm
• Vacuum zone 3 = 800 x 1200 mm
• Vacuum zone 4 = 1000 x 1400 mm
• Vacuum zone 5 = 1000 x 2100mm
• Vacuum zone 6 = 1250 x 2500mm
The metric configuration is designed such that zone 6 can be reconfigured by a service representative from the 2.5m x 1.25m area size to 4'x8'.

Revision #2
Created 3 October 2022 11:07:01 by Matt Parris
Updated 3 October 2022 13:24:55 by Matt Parris