

Metallisation

Thermal spray equipment and consumables



Equipment Specification

Metscan Traverse Unit

INTRODUCTION

VERTICAL/HORIZONTAL PROGRAMMABLE TRAVERSE UNIT

Using the latest advances in electronic controls, this is a new affordable traverse unit designed for the thermal spray coatings industry. It has a rigid traverse bed running on a double precision vee slideway. Driven by a maintenance free 250w AC inverter motor with encoder feedback for accuracy.

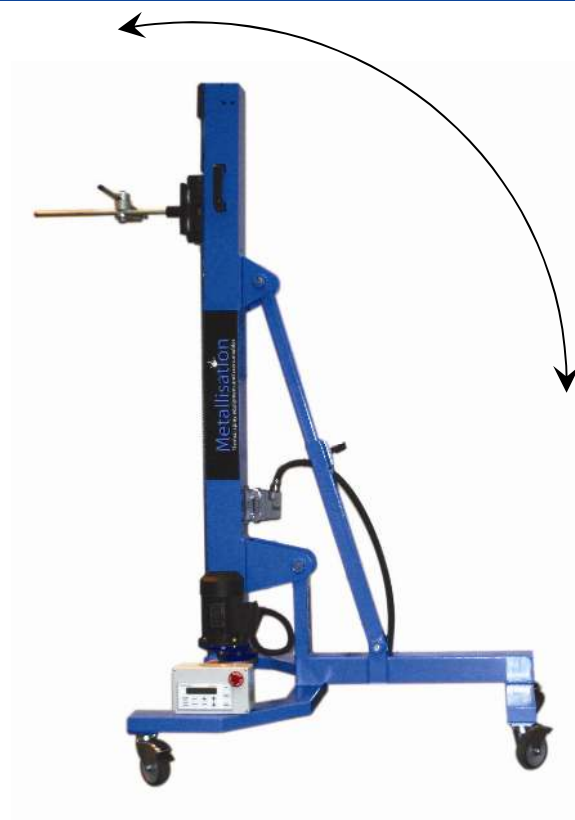
High load capacity with smooth reliable operation using a simple to operate hand held controller and teach pendant.

Remote control of the spray pistol can be programmed using the teach pendant. This allows the spray to be switched On and Off as required during the traverse cycle and also allows component cooling.

BENEFITS

- ✦ Programmable and repeatable parameters
- ✦ User friendly - simple operation via hand-held controller
- ✦ Program storage
- ✦ Automatic or manual control
- ✦ Traverse length 1200mm
- ✦ Traverse rate 2-50mm/second
- ✦ Adjustable traverse angle 0 – 100 degrees
- ✦ Smooth reliable operation
- ✦ Easily maintained
- ✦ Spray Pistol mount
- ✦ Display of:
 - Actual Traverse Rate
 - Position
 - Passes Set
 - Passes Completed
 - Manual/Automatic Mode
 - Program Number in Automatic Mode
- ✦ Manual, Automatic and Program Modes
- ✦ Program Select and Review in Automatic Mode
- ✦ Traverse Pause and Re-Edit Facility in Manual Mode
- ✦ Remote Start, Stop and Spray of pistol interfaced with Control Console

METSCAN



| Part No. | Description |
|-------------|--|
| METSCAN1200 | VERTICAL/HORIZONTAL PROGRAMMABLE TRAVERSE UNIT |

Technical specification

| Description | Characteristics |
|-------------------------------|--|
| Input Power Requirements | 220V 50-60Hz 1 Phase |
| Fusing Required | 5 Amps |
| Traverse length | 1200mm - max |
| Traverse Rate | 2 – 50 mm/Sec +/- 2% (other rates on request) Programmable as speed in mm/Sec |
| Positioning to | 1mm |
| Traverse angle | Adjustable from: 0 degrees - Horizontal 90 degrees - Vertical 100 degrees - Vert. +10 |
| Positions | Programmable anywhere within overall traverse length |
| Programmable number of passes | Max. 1000 |
| Program Storage | 20 programs |