



Orbiter III and Orbiter I

– Tools for inside coating of pipes and tubes



Orbiter III



Orbiter I

The Orbiter is a specially designed piece of equipment, for application of paint or any other coating to the inside of pipes and tubes, without rotating the work piece. It can be used for many types of paints and

coatings that can be sprayed airlessly. Designed to produce a uniform layer of coating at a remarkable speed, a rate of 3m/min is easily obtained. A highly efficient solution to do a difficult job.

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OPERATION

The **Orbiter** is controlled from the *Air group**. The air group is connected to the Orbiter via a special *Control hose**, which supplies the Orbiter with regulated air for expanding the legs and running the air motor.

In operation a rotating head, powered by an air motor, applies the paint, by using centrifugal force, at an evenly metered flow, onto the inner surface of the pipe or tube. The rotating nozzle is centred in the pipe by scissors type expanding legs. These legs can be adjusted by a pressure regulator on the air group. The centering can be adjusted during operation, to compensate for bends or protrusions. The Orbiter is manually pulled through the pipe at a pre-determined speed, based on paint film thickness and type of coating.

Any standard airless pump can be used with the Orbiter. The size of the pump depends on the viscosity of the material and the length on the hose.

* *Option*

SPECIAL FEATURES

- Easy to operate
- Can be connected to almost any airless spray pump
- Carbide nozzles
- Can be used with almost any paint or coating
- Available in two sizes

OPTION

- Air group
- Spray Gun
- Control hose: standard length 3m, 5m, 10m
- Nozzle

TECHNICAL DATA

| | Orbiter I | Orbiter III |
|------------------------------|------------------|--------------------|
| For pipes: | 90-180 mm | 180-950 mm |
| Air connection: | Max 6 bar | Max 6 bar |
| Max working pressure: | 275 bar | 275 bar |
| Air consumption: | 400 l/min | 400 l/min |
| Pressure ratio pump: | Min 30:1 | Min 30:1 |

Capacity: Depending on the relations between viscosity, pressure, hose length and nozzle orifice.

The machine showed on the overleaf might have extra equipment, modifications might have been made since the brochures were printed.