

POWDERPRO[®] *Spraying System*



■ *The PowderPro[®] Spraying System* uses suction instead of forced air to evenly raise powder to a consistent level in the jar, resulting in a consistent air/powder ratio delivered to the sheet. The PowderPro features independent distribution lines for each spray head, outer spray heads which can be turned off when printing narrow sheets, and an automatic powder-level compensation system.



POWDERPRO[®] *Spraying Systems*

PowderPro[®] Spraying System is designed exclusively for small to medium-size presses. Two of the most unique features in the PowderPro are:

- A unique air flow/vacuum arrangement
- Automatic powder level compensation

Most sprayers introduce air into the jar at one side, via an air hole, and extract the air/powder mixture with a vacuum at the other end of the jar, via a suction hole (Figure 1). Because the air flow is in a straight line configuration, powder must be adjusted by either increasing the air flow or constricting the suction hole, either of which can disrupt the opposing hole and counteract the adjustment.

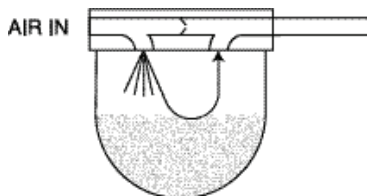


Figure 1, Typical Sprayer Configuration

Powder Pro is radically different. Air is introduced between the air and suction holes, creating an independent air flow between the two sides (Figure 2). Powder is adjusted by altering the air flow, leaving the vacuum side constant and eliminating any counteraction between the air and suction holes.

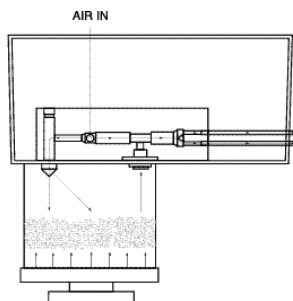


Figure 2, PowderPro Configuration

A second disadvantage of most sprayers is that they must be constantly adjusted as the level of powder in the jar decreases. Some sprayers attempt to maintain a constant powder level by injecting air into the jar. Unfortunately, the air is usually in the form of a concentrated blast that ends up raising only the middle portion of the powder or stirring it, but not effectively raising it.

PowderPro uses suction, not forced air, to evenly raise the powder to a constant level in the jar. This uniform "lifting" of the powder, regardless of the amount of powder in the jar, results in an extremely consistent air/powder mix ratio being delivered to the sheet.

Other features of the PowderPro include:

- Independent distribution lines for each spray head
- Width control on many models – outer spray heads can be turned off when printing narrow sheets
- Brass and aluminum construction for durability

PowderPro is backed by a money back guarantee and supported nationwide by an extensive dealer network and Pamarco's own staff of technical sales representatives.

Available for:

A.B. Dick 9985, 9995

Hamada 234, 234 A

Heidelberg Quickmaster

Itek 960, 975, 985, 3985

Ryobi 2800, 3200, 3200 MCD, 3302 M, 3302 H

Product specifications and model availability subject to change without notice.

