

Hose & Wand vs. Hopper

The Inline SLIM will work with either a hose & wand arrangement, or with a fixed hopper mounted atop the powder induction connection of the mixing chamber. The decision whether to use the wand or the hopper depends on your process conditions, and your desired goals.



Ross Model ME-405SB/25 with hopper arrangement

All factors being equal, the **hopper** is preferred as it:

- Minimizes operator dependent variables
- Ensures a more consistent feed of powder to the Inline SLIM system (minimizing aeration of the liquid)
- Minimizes static electricity discharge issues
- Eliminates issues of powder clogging the hose
- Eliminates issues of cleaning the hose and wand

The use of the **hose & wand** arrangement will require your operator to manipulate the wand in the box, bag, or container of powder, to help ensure a constant flow of powder to the SLIM system. This makes the hose & wand arrangement susceptible to operator influences, and to potential fatigue.



Ross Model ME-405SB/15 with hose & wand arrangement

Consider using the wand only when:

- There are issues with transferring your powders to the hopper
- You are adding considerably more powder than the hopper will accommodate
- Your powder is extremely free-flowing
- Your powder is of a relatively low bulk density (<30 lbs./ cu. ft.)