

PKI FLUIDIZED BED SANDER



Simple Design, Consistent Coverage

Manufactured by Pacific Kiln & Insulations Co. Inc. (PKI), the Fluidized Bed Sander is a simple, yet consistent means of applying stucco to the wet slurry shell. High pressure air is supplied to the bed plenum and is allowed to disperse evenly through the porous stone into the stucco medium, thus allowing it to float. The shell is then easily immersed into the stucco medium for coating.

The Fluidized Bed Sander is comprised of two pieces for easy assembly and maintenance; a 4" half coupling on the bottom plenum section for air connection and a 3" half coupling on the upper tank for medium cleanout. The diffuser stone is available in medium or coarse porosity.

Air supply (not included) should be a centrifugal blower with at least 2-3 psi capacity and recommended airflow capacity noted below. Compressed air may be used if the volume can be supplied. Air supply must be dry and oil free.

| Model | Bed Diameter | Bed Depth | Total Height | Recommended Air Flow | Approximate Weight |
|--------|--------------|-----------|--------------|----------------------|--------------------|
| FBS-18 | 18" | 24" | 38" | 125 CFM | 100 lbs. |
| FBS-24 | 24" | 30" | 44" | 220 CFM | 125 lbs. |
| FBS-30 | 30" | 30" | 44" | 350 CFM | 170 lbs. |
| FBS-36 | 36" | 30" | 44" | 630 CFM | 250 lbs. |

Available Replacement Diffuser Stones*

- 18" x 18" x 1½"
- 24" x 24" x 1½"
- 30" x 30" x 1½"
- 36" x 36" x 1½"
- 18" round
- 20" round
- 24" round
- 30" round
- 36" round

*Specify coarse or medium when placing your order.



RANSOM & RANDOLPH

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