

Volkmann PowTReX basic

Safe Metal Powder Transfer, Recovery and Extraction Systems for AM



Keep it simple. Keep it safe.
PowTReX technology with its core functions

VOLKMANN PowTReX basic

Main Component Overview



VOLKMANN
IDEAS AHEAD



VS350 VACUUM CONVEYOR

20 l powder buffer volume for continuous emptying of most build chamber volumes at up to 750 kg/h

INTELLIGENT DOSING SYSTEM

Optimal sieve performance throughout the entire batch

VS350 ULTRASONIC SIEVE

Throughputs of up to 150 kg/h due to efficient ultrasonic and tumbling techniques

EASY OPERATION

One button solution for fast set up and process times, mobile system for flexible operation

OVERSIZE MATERIAL COLLECTOR

Easy to empty 3,8 l oversize bin

POWDER STORAGE OPTIONS

Suitable for a broad variety of containers and bottles including the standard 50 l Volkmann container

WEIGHTING FUNCTION OPTIONS

To suit various types of containers the optional weighting terminal controls the level of the attached container and stops screening once it is full

PowTReX basic with

- Pneumatic pump Multijector G1260
- VS350 Conveyor/Powder Separator
- F9 primary filter and HEPA H14 secondary filter
- VS350 Ultrasonic screener, 63 µm (other mesh sizes optional)
- 110 V / 60 Hz or 230 V / 50 Hz, 1 phase system
- 1250 NI/min / 44 cfm at 5.5 bar / 80 psi compressed air supply

