## Volkmann PowTReX basic

Safe Metal Powder Transfer, Recovery and Extraction Systems for AM

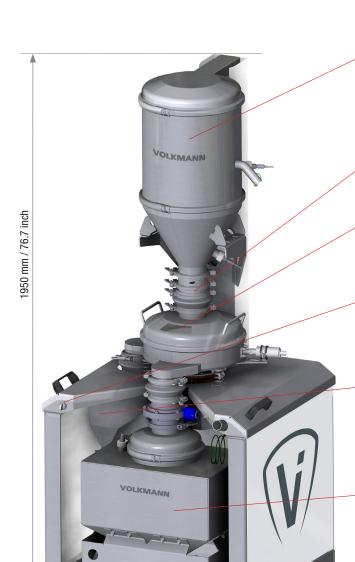




# OLKMANN IDEAS AHEAD

### **VOLKMANN PowTReX basic**

Main Component Overview



#### **VS350 VACUUM CONVEYOR**

20 I 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 I oversize bin

#### **POWDER STORAGE OPTIONS**

Suitable for a broad variety of containers and bottles including the standard 50 I 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 Seperator
- · F9 primary filter and HEPA H14 secondary filter

800 mm/31,5 inch

· VS350 Ultrasonic screener, 63 µm (other mesh sizes optional)

730 mm/28.7 inch

- $\cdot$  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