

# *Volkmann PowTReX basic*

*Safe Metal Powder Transfer, Recovery and Extraction Systems for AM*



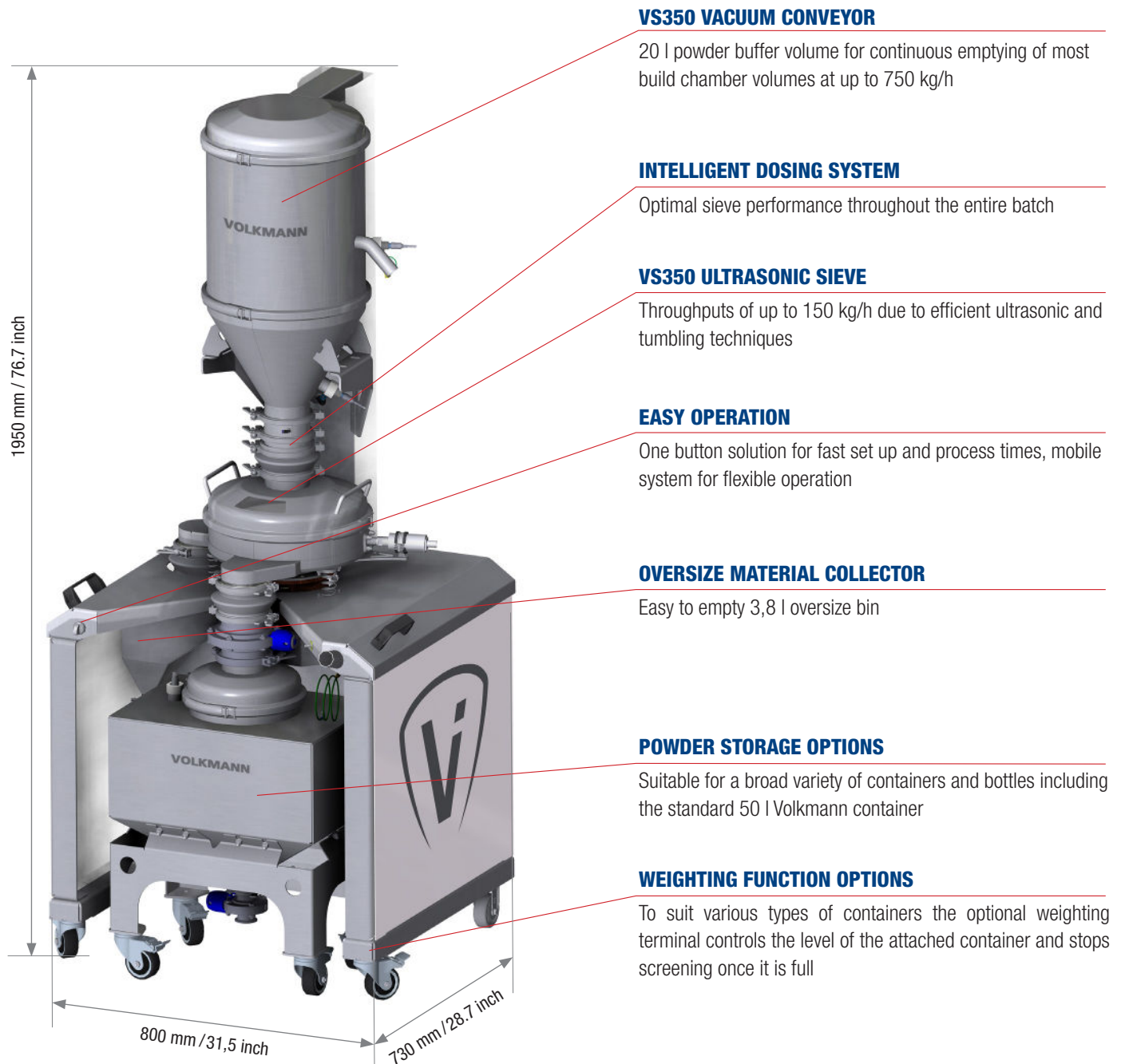
*Keep it simple. Keep it safe.*  
*PowTReX technology with its core functions*

# 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 Volkman 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)
- 110/230 V 50/60 Hz 1Phase system
- 1250 NI/min / 44 cfm at 5.5 bar / 80 psi compressed air supply

