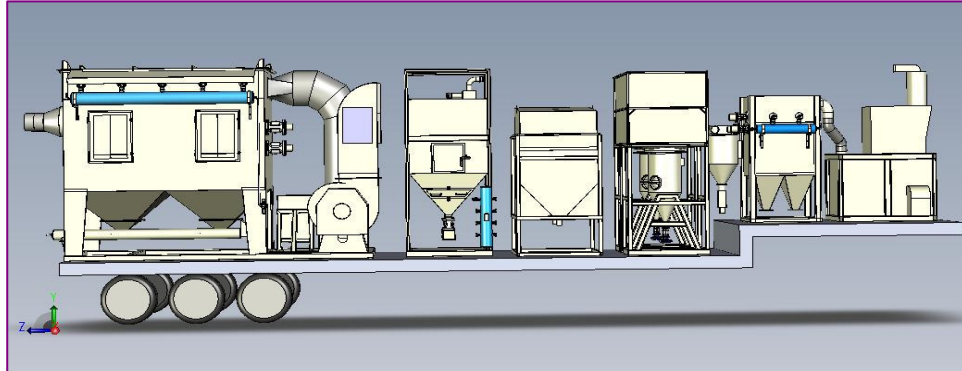


Technical Data Sheet

Product: Auriga 45/10/2 **Ref:** AU45/10/2 v3

Dimensions: 13.6 mtr x 2.49 mtr x 4.43 mtr (45' x 8'2" x 14'6")

CAD Image:



System Dust Extractor

Extractor Capacity: 10,000 cfm (16,977 m³/hr)
Extractor Motor: 37 kW (49.6hp)
Extractor Filter Area: 280 mtr² c/w Auto reverse Pulse Cleaning
Spigotts: 2 x 300 mm \varnothing or 1 x 600mm \varnothing
Extractor Noise Readings: 79 dBA @ 5 mtr
Option: Smaller power duty 22 kW motor, retro fitted
Reduces on site power requirement

Intermediate Media Storage (IMS)

Capacity: 2,500kg Avialite Polymer Media
Processes: Primary Screening (Active) 5mm
Airwash Separation under Vacuum flow.
Input Spiggot: 4" (100mm) or 6" (150mm)
Outlets: 2 off 4" (100mm) \varnothing outlets into mechanical cross conveyor
Option: Additional Storage Silo for 15,000kg Avialite Polymer Media
Dimensions: 7.2 mtr x 3 mtrs x 3 mtrs
Weight: 4.6 MT net (19.6 MT gross)
Requires additional mechanical infeed unit attached to IMS

'Innovation in Coating Removal'

Technical Data Sheet

RotoMac Proprietary Mechanical Screen

| | |
|------------------|---|
| Process: | 3 screen sizes; Over size, good media and undersize / dust |
| Capacity: | Rated at 1.5 m ³ /hour. Sufficient to process capability of 4 plastic media vessels cont' |
| Motor: | 0.75 kW motor and reduction gearbox |
| Air wash: | Good Media Air Washed prior to infeed to over pot storage. |

Easiflow Plastic Media Vessels

| | |
|---|--|
| Capacity: | 250 litres, 125 kg avialite Polymer Media |
| Controls: | Remote Deadmans c/w slidegate control for media flow; on/off Time delayed vessel depressurisation system Pneumatic RAM vessel sealing system Remote Control Maxi Capacity Media Metering Valves |
| Vessel Ratings: | 12 bar 175 psi |
| Optimum Operating Pressure: | 40 psi (2.76 bar) nozzle pressure with media flowing. |
| NOPne : | 50 psi (3.45 bar) nozzle pressure with media flowing. |
| Nozzle Operating Pressure Never Exceed: | |
| Flow Rates: | 4.16 kg / min / nozzle (1000kg per hour 4 pot system) |
| Option: | High pressure vessels rated @ 18 BAR (260 psi) 4 pot system Ref 45/10-4, standard or high pressure |

MacVac Vacuum Recovery System

| | |
|-------------------------------|--|
| Flow Rate: | 1,5 m ³ /hr @ 250 metre distance |
| Piping: | 4" (100mm) Ø vacuum recovery hoses |
| Filter Area: | 28 mtr ² c/w Auto Reverse Pulse Cleaning |
| Motor: | 37 kW (49.6HP) |
| Pump: | Roots Lobe |
| MacVac Noise Readings: | 75.4 dBA @ 5 mtr |
| Options: | 56 kW driven pump offering 450 mtr recovery 6" (150mm) Ø. 75 kW driven pump offering 650 mtrs recovery as above. 93 kW driven pump offering 850 mtrs recovery as above. 110 kW driven pump offering 950-1020 mtrs recovery a/a. |

Performance Data

Stripping Rate: minimum 25 mtr² per nozzle per day on <1mm thick paint

Media Consumption: 142 mtr² / tonne (1500 litre) (based on 450 thick alkyd removal)

Standard Pot Op Distance: Standard Easiflow Systems can operate to 600 mtrs
High Pressure Pot Op Dist': 1000 mtrs.

All operating distance are calculated using 1 7/8" outer Ø hose and assume 8 psi drop per 40 mtr and allow NOPne level

Recovery Rates: Assuming Correct Recovery Pump Selected.
All Recovery min 1000kg per hour at max distances.

Media Flow Rates: 1000 kg / hour assuming 4 pot system