

CDX MixerVent creates cleaner, healthier working environment

The Challenge: Dust emissions from concrete mixers during the batching cycle are a significant problem. Limiting the level of dust site staff are exposed to is a priority throughout the industry. A leading concrete product manufacturer wanted to reduce dust levels around the mixer platform and contacted our engineering department for assistance.



Our Solution: CDX ConicalAir MixerVent Dust Extraction System

Key Features: High efficiency, moisture resistant conical cartridge
Designed specifically for concrete mixer applications
Fan set creates negative pressure in mixer to control dust

Improvement: Before installation: Platform dust level = 7.6mg/m³ average
After CDX installation: Platform dust level = 2.3mg/m³ average

Benefits:

- Health & Safety** - significantly less respirable dust in atmosphere
- Maintenance** - cleaning of mixer platform reduced
- Batch accuracy** - filtered material returned to batch
- Simplicity** - automated, reverse jet, self-cleaning unit
- Installation** – very compact design, retrofits into limited space
- User friendly** – bayonet fixing cartridge, safe and quick to change

“Reducing airborne dust across the plant is a real priority for us and retrofitting the CDX onto the mixer made a significant difference from the minute we switched it on. Nothing else we have tried has made such an impact. We can now identify and tackle other sources of emission. We will be installing CDX on all of our mixers in the near future.” Works Engineer

