



PROCESS

If sufficiently aerated, coal fines are combustible, making de-dusting a top priority when working with coal in any setting.

Pin mixers have long been the equipment of choice for de-dusting coal. Their intense spinning action, combined with an optimized binder spray system, promotes uniform wetting and agglomeration of finely divided powders to produce densified, conditioned micro pellets.

Pin mixers effectively de-dust coal for improved safety and ease of handling and conveying, while minimizing binder requirement. The system provides an accurate and precise ratio of liquid-to-solid feed.

While [pin mixers](#) are utilized as a stand-alone agglomeration device in most coal settings, they can also be provided as part of a larger disc pelletizer or agglomeration drum setup.

FEECO has been a primary provider of custom pin mixers for de-dusting coal fines in a variety of settings, having provided nearly 100 pin mixers throughout our extensive experience.

PROJECT SPECS

Customer:
Multiple, Proprietary

Equipment Supplied:
(90+) Pin Mixers

Project Location:
Domestic and International

Industry:
Power Generation, Pulp and Paper

Material:
Coal Fines, Dust

Project Engineer:
FEECO International, Inc.