

Dust Collection - Suction

Meech Air technology: Air Amplifiers

Problem

A manufacturer performing a cutting process had the following problems:

1. The work piece becoming contaminated with the dust produced in the cutting process.
2. A large amount of dust covering their machines and the surrounding areas.

Solution

The suction side of a Meech Air Amplifier was connected to a shield on the cutting tool. The dust is sucked up immediately it is created and is ducted away from the exit of the Air Amplifier to be disposed of cleanly.

Meech recommend the installation of a Model A90060 – filter regulator kit, prior to the Air Amplifier. This will allow correct adjustment of the airflow minimising air consumption.

Meech offer several Air Amplifiers, which vary in size, dependent upon the size of the particulate and the suction required to remove the waste material.

Fig.



Meech International

2 Network Point
Range Road, Witney
OX29 0YD, UK

Tel: +44 (0) 1993 706700

Fax: +44 (0) 1993 776977

email: sales@meech.com