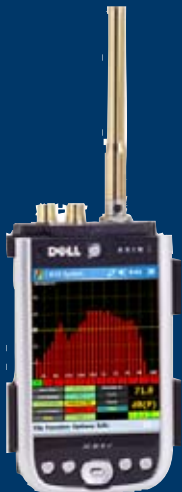


ACOUSTIC SOLUTIONS

by AC Manufacturing of Colchester



AC Manufacturing offer over 40 years of experience in bespoke solutions. We pride ourselves in achieving an excellence of service recognised by many repeat customers.

COMPLETE SERVICE

Our in-house services encompass survey, measurement, design, manufacture, finish and where called for on-site installation. Upon completion of projects final site records to satisfy any environmental issues.



PROBLEMS?- NO PROBLEM

New projects are approached with the knowledge gained over 40 years in the ventilation, industrial manufacturing, power generation, food and off-shore petro-chemical industries. With our vast case history we can with confidence apply ourselves to resolve new problems faced by clients.

JOIN OUR SATISFIED CUSTOMER LIST

In addition we strive to maintain our excellence in customer satisfaction by understanding the economies of imposed legislation while attaining the maximum performance in our design.

PART SERVICE

Stand-alone services available to clients include: site evaluation, noise measurement, overall sound mapping and individual noise level exposure.

Our Colchester manufacturing facility includes a full length, environment controlled spray booth in which 40ft and over enclosures are finished.



Telephone 01206 845552 Fax: 01206 843981

www.acmacoustics.co.uk

PRODUCT RANGE

ACOUSTIC ENCLOSURES
GENERATOR ENCLOSURES
(DIESEL AND TURBINE
DROP OVER OR CONTAINERISED)
MACHINERY ENCLOSURES
COMPRESSOR ENCLOSURES
STAMPING PRESS ENCLOSURES
RECORDING ROOMS
AUDIOMETRY BOOTHS

SILENCERS

SPLITTER AIR SILENCERS
CROSS TALK TUNNELS
CIRCULAR DUCT AND
FAN SILENCERS

LOUVRES

WEATHER LOUVRES
ACOUSTIC LOUVRES
MOTORISED LOUVRES
GRAVITY LOUVRES

DAMPERS

VOLUME CONTROL
FIRE DAMPERS

DOORS

ACOUSTIC DOORS
STAINLESS STEEL DOORS
FIRE DOORS

WINDOWS

DOUBLE AND TRIPLE GLAZED

VIBRATION ISOLATION

MACHINERY MOUNTS
SPRING MOUNTS
STAINLESS MESH MOUNTS
LOW FREQUENCY RUBBER
MOUNTS

OFF-SHORE

ENCLOSURES
TURBINES
DIESEL GENERATORS
ACCOMMODATION DOORS
FIRE DAMPERS ETC

Acoustic solutions

Generator housings are custom designed and built to suit the needs of the client as well as the final installation.



We offer drop-over rigid enclosures or fully containerised modules, based on our time-proven design.



We are however committed to serving our clients specific needs and as such will design and build bespoke enclosures to the demands and needs of the project.



To reduce sound path in air movement our splitter silencers are sized to suit volume of air flow and resistance to velocity head.



Louvres offered as an integral part of a splitter silencer or as a stand alone component. Automatic shut-off, gravity or adjustable louvre dampers are manufactured in any size.

Individual components such as silencers, doors, windows and louvre are offered, designed to match the noise source and requirements of the surrounding environment.



for every industry

Market leaders in the stamping press industry, our enclosures offer total width hydraulic lift walls to enable fork truck access. Forced ventilation, high illumination and acoustically treated strip coil feed chutes.



Multistage machines require an even greater degree of access to the press, tool, adjustment, lubrication and calibration.

Individual components such as access doors or fire doors are fabricated



to meet land-based or off-shore specifications. All door furniture is manufactured in-house. Doors can be conventionally lined or ceramic block infilled.

Enclosures built specifically for the off-shore market include lifting frames and underbases with all surfaces grit blasted to SA3, tie coated and top coat built up to required depth. To meet extremes of platform conditions our designs include stainless steel exhaust gas silencers, trace heating and fire detection/fighting apparatus plus exd lighting with emergency fittings.



Machinery enclosures restrict access therefore doors of required configuration allow for personnel, tool, scrap and material entry/exit.



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CLIENT BASE

ACCO REXEL

ARROW HART

COLMANS (NORWICH)

HONEYWELL CONTROLS

ROLLS ROYCE (CREWE)

METHODE (DUNBARTON)

MK SWITCH

DURACELL

JOSIAH PARKES

PARKER PENS

KLIPPON INDUSTRIES

CAMBRIDGE WATER

PAXMAN DIESELS

DORMAN DIESELS

CATERPILLAR DIESELS

IPSWICH HOSPITAL

GEC LIGHTING

RANCO CONTROLS

KRONE (CHELTENHAM)

UNIPART (OXFORD)

NACANCO

PECHINEY PACKAGING

THOS BETTS

BRUDERER UK

PLATARG

RHODES DRESSES

BROOKS MOTORS

GEC MOTORS

RICARDO (SHOREHAM)

TWINLOCK

EASTERN COUNTY NEWSPAPERS

QB PRINTERS (COLCHESTER)

AMOCO

PHILIPS

SHELL

BRITISH GAS

CHEVRON

BP



Manually adjustable or electric/pneumatically actuated louvres or fire dampers are designed and made to meet client specific requirements. Practicality in design allows for double or triple banking of louvres enabling strength and manoeuvrability of product.



Specialised projects, such as newsprint, call for structural rigidity. Options of totally enclosing a web press or manufacturing a close fitting, tailor-made enclosure around individual press stands are available after considering accessibility.



Diesel hot gas exhaust silencers are made in house. Generally reactive with tuned chambers, spark arrester collector and tuned length tail pipes are offered.

Where used off-shore, especially in stand-by sets, known for short-runs, the exhaust barrels are insulated and may even be traced heated to prevent corrosive acid build-up upon cool down.

To complement our manufacturing excellence we provide site measurement and noise mapping to identify critical areas and levels. The service may be extended to provide final readings upon completion of project.

As a competent company in the sound control industry we are also happy to undertake design briefs in studio design and auditoria layout.