





## Cochran Boilers

Founded more than 130 years ago and operating in over 100 countries around the world, Cochran are the internationally acknowledged experts in the design, specification and provision of packaged steam, hot water generation and heat transfer systems utilising shell boiler designs, combustion and ancillary technology constructed to meet the most stringent UK, European and international standards.

The total Cochran offering extends to include boiler control packages, servicing, spares and planned maintenance solutions, combined with in-depth technical support throughout the long operational life of a boiler and its ancillary equipment.

## Scot Heat & Power

Scot Heat & Power have quickly become established as a key force within the Scottish and UK biomass marketplace through pro-active investment in their processes and operations.

Scot Heat & Power provide a complete biomass energy solution, including system installation and construction of the boiler building and fuel reception area. The Company also supplies wood fuel that is manufactured/processed in-house at strategically located facilities using its own fuel processing equipment. Fuel transport provision is via a dedicated in-house transport.

## The Biomass Energy Partnership

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By Appointment to  
Her Majesty The Queen  
Boilermakers  
Cochran Ltd Annan

# Biomass Energy Partnership

Scot Heat & Power and Cochran

# The Biomass Energy Partnership

Leading biomass energy business, **Scot Heat & Power** has joined forces with world-renowned industrial boiler experts, **Cochran** to offer a fully integrated steam and hot water biomass energy solution. This fully integrated turnkey service encompasses the full spectrum of design and specification, through to complete boiler system supply, construction and installation and includes long-term supply of chipped or pelletised wood-based biomass fuel and a competitive package of operator training, parts, maintenance, repair and service programmes.

Scot Heat & Power and Cochran share a positive client-centred ethos of trust, reliability and reputation that places the customer at the very heart of everything they do; delivering consistently high quality and service throughout the lifetime of the project.

This innovative collaboration offers clients system design and delivery with the flexibility of configuration essential effectively match the requirements of a broad spectrum of industrial steam and hot water applications. Installations are specified to fully comply with the stringent UK and European standards required to achieve the accreditation necessary to collect Renewable Heat Incentive (RHI) grants.

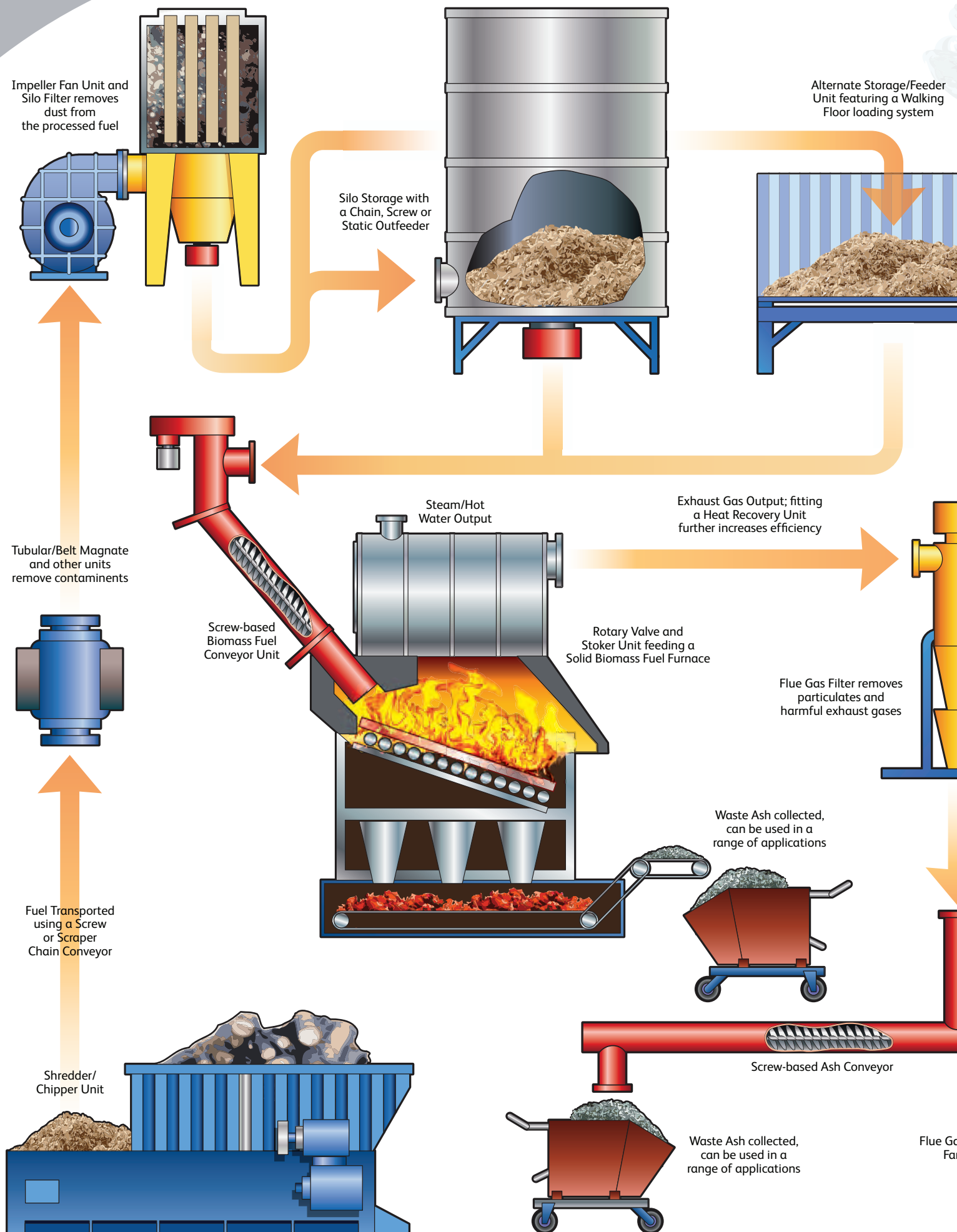
Scot-Cochran installations improve energy efficiency, reducing overall energy costs; generate income to the business through the RHI's financial incentives and reduce carbon emissions resulting from energy generation by as much as 90 %.

The two respected businesses work as an efficient single unit that draws on the impressive capabilities of each business; Cochran design, develop and install the heating system infrastructure and biomass system interface, whilst Scot Heat & Power are responsible for supplying and installing the environmentally friendly wood-fired biomass boiler, including the fuel feed system and ancillary buildings and fuel reception area.

Once operational, many clients utilise Scot Heat & Power to source, process and supply high quality wood biomass fuel to meet the systems exact requirements; whilst Cochran provide operator training, servicing and maintenance, ensuring the system delivers a continuous, highly efficient, uninterrupted supply of environmentally responsible carbon-neutral energy for many years to come.

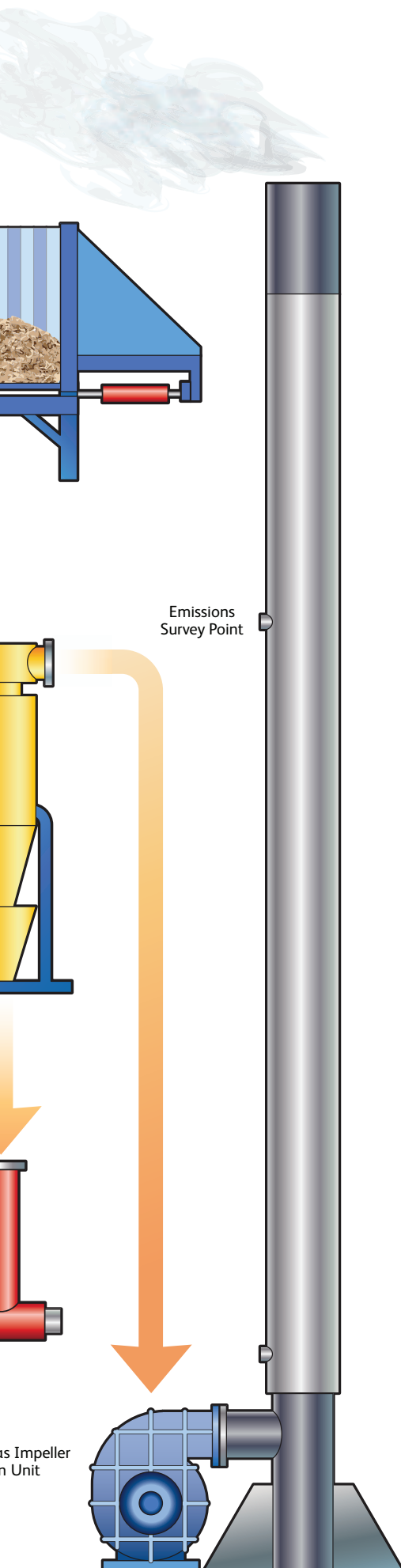
Scot's chipped and pelletised wood fuels are drawn from fully compliant sustainable sources of carbon-neutral virgin wood fibre, avoiding the costly special licencing essential to incinerate most grades of recycled material. Produced to ideally match system specifications, and free from additives and contamination, Scot-supplied pellets and chipped wood burn cleanly, to deliver maximum system efficiency, whilst emitting minimal pollutants.





**Important Note:** The product modules indicated in the above diagram of a typical Biomass Boiler system are provided to illustrate the scope of supply of the Cochran range of biomass equipment. The diagram is for guidance purposes only and should not be considered a design solution for any specific application. Individual modules can be supplied in bespoke combinations designed to provide an optimum solution to match site and customer requirements.





**SCOT HEAT & POWER**



**COCHRAN**

## The Scot-Cochran Solution

- A robust, reliable, proven, trustworthy solution delivered by two of the industry's most respected and experienced names.
- Comprehensive one-stop turnkey biomass energy solution from design and specification, through project delivery to maintenance and fuel supply.
- System based on Scot-Cochran's premium quality range of biomass equipment, including the compact, well-respected German-built Kohlbach biomass boiler.
- Design and construction of associated boiler buildings, fuel storage, and delivery reception area.
- Dedicated chipped or pelletised biomass fuel supply facility provided by Scot Heat & Power matching the exact specification of the system.
- Significantly reduced steam/hot water energy costs.
- Compliance with energy performance criteria.
- Substantial reduction in your Carbon Footprint.
- RHI-generated income from the installation.
- Back-up 24/7/365 Emergency Repair Service, plus a comprehensive Servicing, Maintenance, Operator Training and Parts provision by Cochran, operator of the UK's largest industrial boiler maintenance network.

