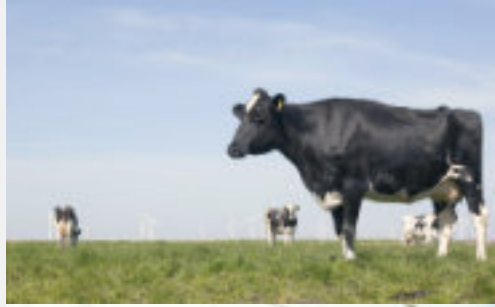


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WE THINK GREEN!



AGRI MOBILE

The New Rendering Process



AGRI MOBILE



THE ANIMAL CARCASS DISPOSAL SYSTEM

The system includes an **Integrated Sterilization and Shredding system (ISS)**, to produce sterile soup that can be transported easily out of the infected site.

Please click the following link to see a video of our **Mobile AGRI Unit** in action:

[Watch video](#)

Perfect mobile solution for infected Swine, Poultry, Cattle or any other farm waste. Celitron's Mobile AGRI Unit is a mobile solution for infected animal waste disposal. With medical-grade sterilization and a significantly low energy footprint, the mobile animal waste treating system brings a completely new technology to the animal carcass disposal process. Perfect solution to control any animal diseases such as swine disease, poultry disease, cow disease (within this we can specifically mention these diseases: swine fever, bird flu, Avian influenza, Newcastle disease, Bovine Tuberculosis, Mad Cow Disease and the porcine virus).

We provide mobile animal carcass solutions to safely dispose of your fallen stock, animal carcasses or any animal by-products from your farm.

With an eye for convenience and sustainability, the Mobile AGRI Unit combines the standards of the ISS AGRI rendering facility with the ease of mobility. The Mobile AGRI Unit, developed as a method for animal by-product disposal is designed to treat all animal waste including small and large carcasses. The mobile AGRI unit is designed to render all by-products, losses and animal carcasses from porcine, poultry, fish, or cow. The mobile unit can process every part of the carcass, including blood, feather, bone and fat.

ECO-FRIENDLY CARCASS DISPOSAL AND RENDERING SOLUTION

The Mobile AGRI Unit is designed to be as economically and environmentally sustainable as possible. In order to prevent air pollution (unlike with the mobile animal waste incinerator), the Integrated Sterilizer and Shredder's chamber was created to run efficiently as a closed system.

Expelled air, odours and other fumes are fully contained within the chamber and biohazard odour filters are fitted over each discharge point in the system. Additionally, each sub-system has its own unique control panel as well as a central, all-systems control panel for additional precaution and user safety.

The Mobile AGRI Unit will effectively replace any currently in-use method as an economically viable, environmentally sustainable and safe means of animal carcass disposal alternative. The Mobile AGRI Units offers a cleaner, safer, quicker (non-infectious) animal waste treatment solution. Animal by-product incineration, typically used to avoid carcass and biohazard transportation, is rendered obsolete with the Mobile AGRI Unit, the use of which successfully eliminates the necessity of carcass transportation.



For more information, please contact

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or fill out our Contact us page:

<https://celitron.com/en/contact>

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Steam Generator (2pcs)

Item	Unit	Small type boiler
Max. pressure	MPa (kg/cm ²)	10
Working pressure	MPa	0.49~0.88
Equivalent evaporation	kg/h	1500
Holding water volume	L	155
Max fuel consumption	diesel oil (L/h)	102,5
Power supply	-	AC200V 3ø (50/60Hz)
Available electricity	kW	9.0
Fan motor	kW	5.5
Feed water pump	kW	2.2
Oil pump motor	kW	0.25
Power breaker capacity	A	75

Shredder motor (3pcs)

Item	Unit	High torque radial piston motor
Displacement	cm ³ /rev	304.1
Torque	Nm/bar	4.80
Min. speed	rpm	1.0
Max. speed	rpm	750
Max. pressure (continuous)	bar	250
Max. pressure (intermittent)	bar	300
Max. pressure (peak)	bar	420
Max. pressure (A+B)	bar	400
Max. power	kW	53

Hydraulic motor

Item	Unit	6 cylinder vertical in-line motor
Bore and stroke	mm	112 x 149
Displacement	L	8.8
Aspiration	-	Turbo charged, aftercooled
Cycle	-	4 stroke
Combustion system	-	Direct injection
Compression ration	-	16. 1:1
Rotation	-	Anti-clockwise (on flywheel)
Cooling system	-	Liquid
Total lubricating capacity	L	41

Power Generator

Item	Unit	Small type boiler
Cycle	-	4 stroke
Combustion system	-	Direct injection
Cooling system	-	Liquid
Aspiration	-	Turbo charged, aftercooled
Emergency power	kVA	66
Operation power	kVA	60
Motor speed	rpm	1500
Displacement	L	3.9
Bore and stroke	mm	102 x 120
Compression ration	-	1 : 17.3
Cooling system	-	Liquid
Max fuel consumption	diesel oil (L/h)	15

Mobile stunning system

Item	Unit	Mobile stunning system
Power supply	-	3x400V AC, 50Hz
Motor type	-	Geared motor
Currant	A	80
Motor speed	rpm	11.5
Max. power	kW	0.55
Chain	mm (galvanized chain)	25.5
Trolley	-	Meyn trolleys in 203mm pitch
Type of birds	-	Chicken, turkey
Max. number of operators	-	3 persons
One operator can hang	birds / h	800 to 1100
Max capacity of the line	birds / h	4140
Voltage level for chicken	V	70
Voltage level for turkey	V	200



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ISO 9001 and ISO 13485 certified company with CE certified products