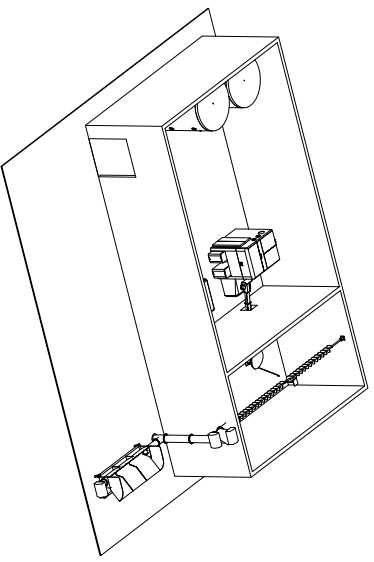
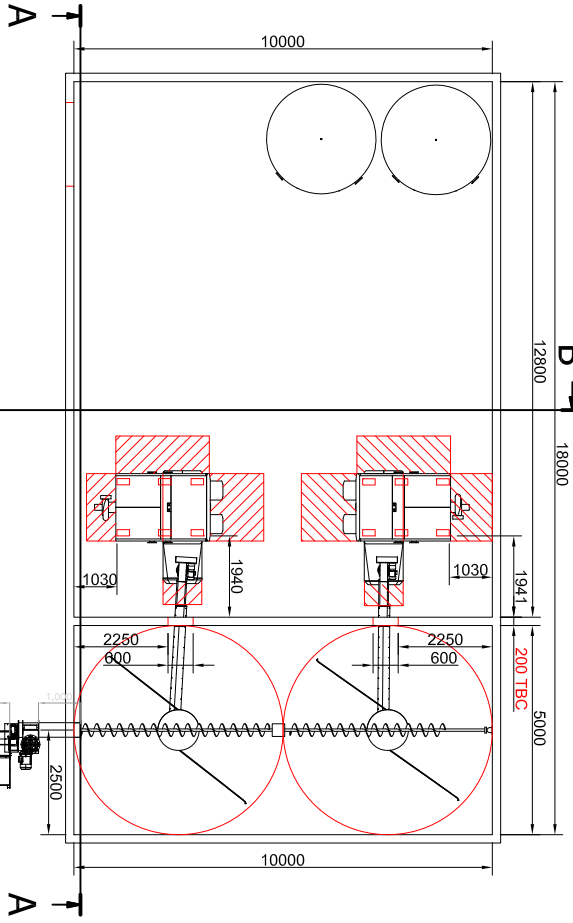


Myriad Heat & Power Products **MUST** be notified of any changes in design. Failure to comply may invalidate warranty.

DO NOT SCALE FROM THIS DRAWING. IF IN DOUBT, ASK.

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Notes:

- 1.1 - Denotes service / installation clearances for the biomass boiler. A route of access must be allowed to these areas.
- 1.2 - Design based on no pitch cast under the boiler. If boilers are to be located on same height plinth, augers and choppers must be located on same height plinth.
- 1.3 - Free air requirement for 2 no. Frematic 499 kW boiler only: High level = 3330 cm² Low level = 6600 cm²
- 1.4 - 1400 mm high minimum clear access required for boiler installation.
- 1.5 - Drawing prepared using sketch - received from client.
- 1.6 - Wall thickness and ceiling heights unknown - Client to confirm.
- 1.7 - Unless otherwise stated, all fire sections are by client and all apertures are to be sealed dust tight / weather proof by client.
- 1.8 - Suitable access to fuel store and method of filling to be confirmed with client.
- 1.9 - Hand standing areas are required to be flat and level.

- 2.1 - If using blown wood chip or pellet delivery a static discharge factor of 1000 ohms must be achieved. The delivery vehicle must be within a maximum of 20m of the fill pipes from when using Herz flexible augers) and suitable pellet input mats installed.
- 2.2 - When using fuel stores such as flexible bag silos there is a risk of dust being blown into the boiler. Myriad Heat & Power recommends a ceiling high enough to provide dust light segregated between the fuel store and the boiler. If the boiler must be sited in the plant room, the boiler must be sited on a concrete floor.
- 2.3 - When using an open chip store, Myriad Heat & Power recommends that a short wall is erected between an agitator and storage area to prevent unauthorised access.

- 3.1 - For flexible auger systems the drawing shows a minimum settling out dimension to satisfy manufacturer requirements for the flexible auger. Myriad Heat & Power should be contacted regarding the minimum settling out dimension. The minimum barrel radius of the Herz flexible auger is 1250mm.
- 3.2 - If agitator arms collide with the fuel store wall then the agitator wear strips must be replaced by the client.
- 3.3 - If the open section of agitator protrudes into the drying wall then the open section of agitator must be accessible - aperture seal must not cover the open section.
- 3.4 - Drop fishing augers up to 45° can be used on either chip or pellet. At 45° the auger is not dual fuel and must be specified at the time of order to operate on either chip or pellet.

General Guidance - Boiler Room:

4.1 - LPG boilers cannot be located in plantrooms which contain a pit / submersed tank.

4.2 - For cyclone units - Client to provide 1 no. lifting point at ceiling level directly above cyclone unit. Lifting capacity 500kg.

4.3 - For rigid auger systems - Client to provide 1 no. lifting point at ceiling level directly above auger. Lifting capacity 250kg from the boiler drop cell centre. Lifting capacity 250kg.

Issue No.	Description	Date	Design	CHK'd	TSW
C1	For Construction	14/02/17	LW		

Client: _____

Project Name: _____

Drawing Name: **Biomass Plant Layout**

Drawing Number: 18328-001

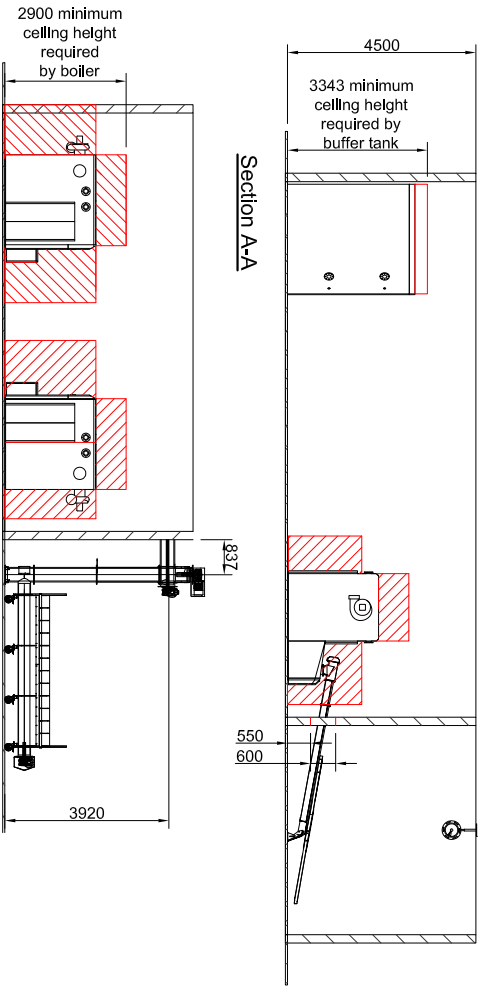
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3rd Angle Projection

Sheet No. 1 / 1

MYRIAD
HEAT AND POWER PRODUCTS

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QTY	PART NUMBER	DESCRIPTION
1	H034995-015	Frematic 499 kW LHS
1	H034990-015	Frematic 499 kW RHS
2	A405002-000	5m Agitator Auger & Spring Arms
2	A402000-030	3 Phase Drive Motor & Disk Assembly
2	A082004-122	FM 130-499 Connection Piece (0°-20°)
2	A402003-406	600mm agitator Extension
1	F033001-200	Vertical filling system basic package RHS
1	F033001-202	Tough Wheels (Only)
3	F033001-120	Movable Vertical Filling Trough
2	F033002-150	1.5m vertical auger and casing extension
1	F033003-100	1m high level auger and casing extension
10	F033003-200	Filling Screw (per m)
1	H060257-510	High level intermediate hanger bearing
2	37.10000	10,000L 38ar Buffer Tank
2	37.10001	10,000L Buffer Tank Insulation

1 2 3 4 5 6 7 8 9 10

G F E D C B A