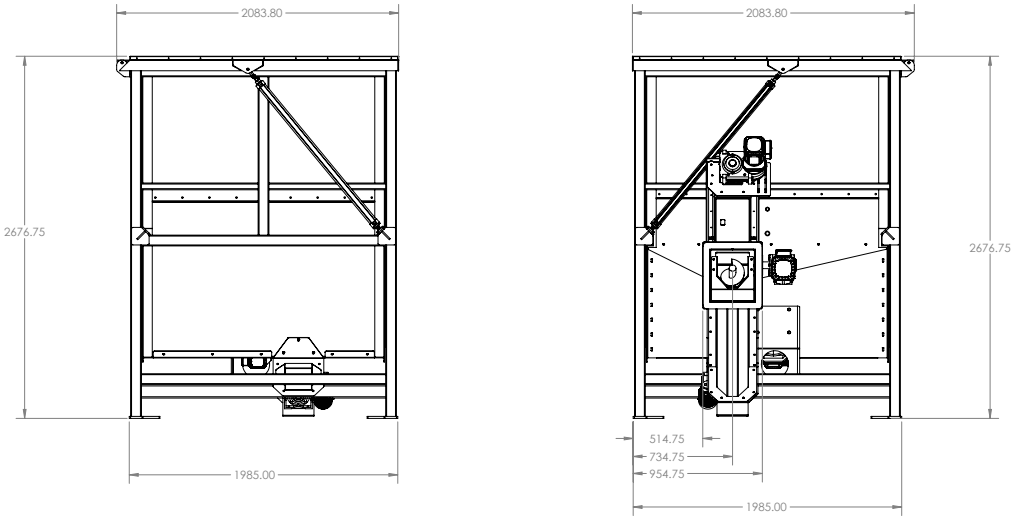
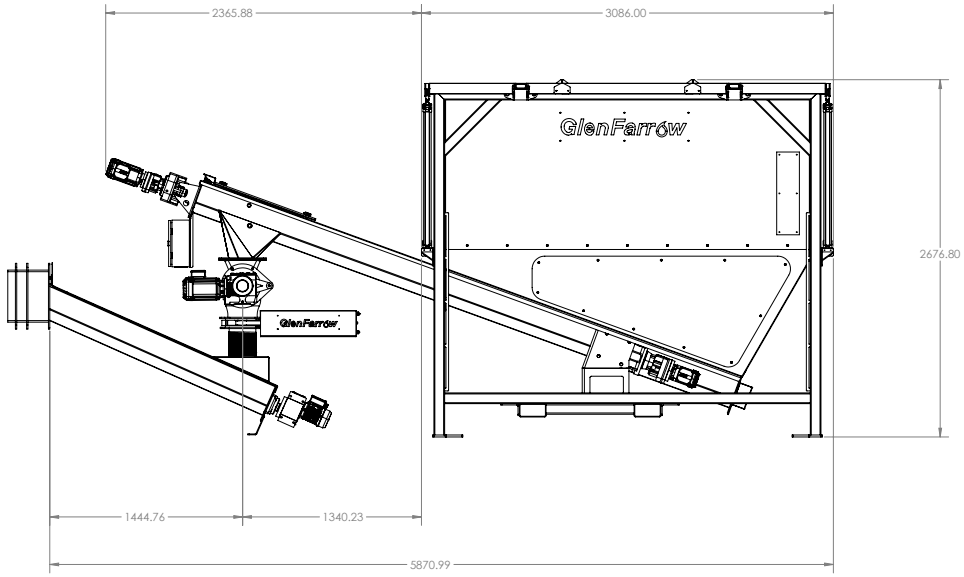
GlenFarrow
BIOMASS BOILERS

The GF Auto-Feed (GFAF) V2



Technical specifications





GFAF V2

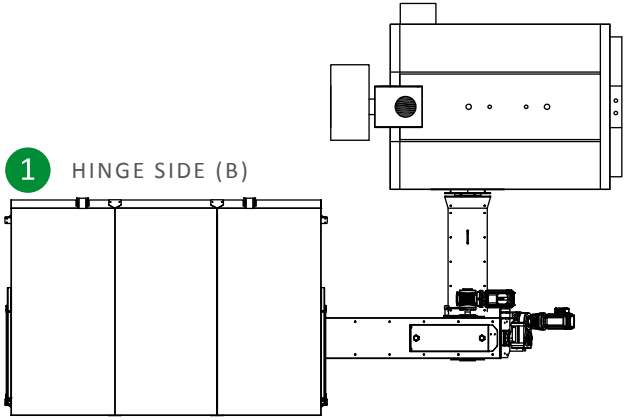
- GF boiler compatibility: 125kW - 400kW
- Power supply: 230V Ac/N/PE 32 amp*
- Weight (excluding boiler): 2050 kg
- Fuel (automatic mode): G30 or G50 wood chip, arb or other chip**
- Fuel (batch mode): Various combinations and sizes of wood and straw in line with relevant boiler emissions certification
- Hopper capacity: 8m³
- Can be retrofitted or installed as a new system

*This includes boiler electrical supply requirements

**Covered by RHI emission certification

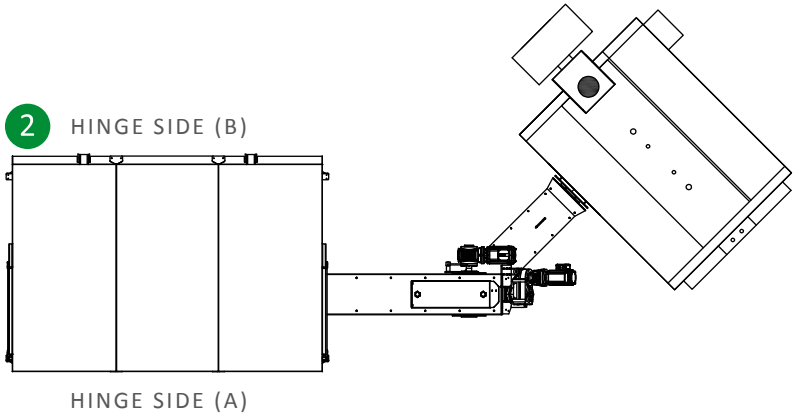
Configuration options (left)

1 HINGE SIDE (B)



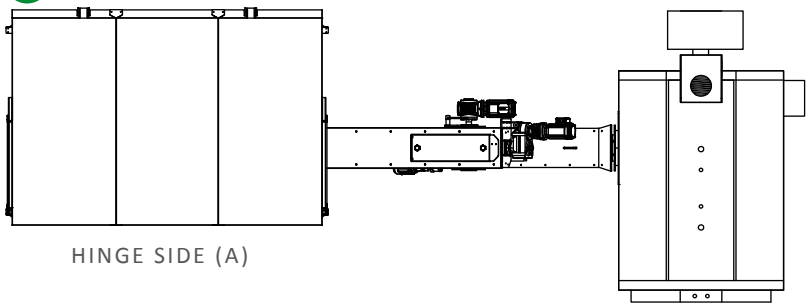
HINGE SIDE (A)

2 HINGE SIDE (B)



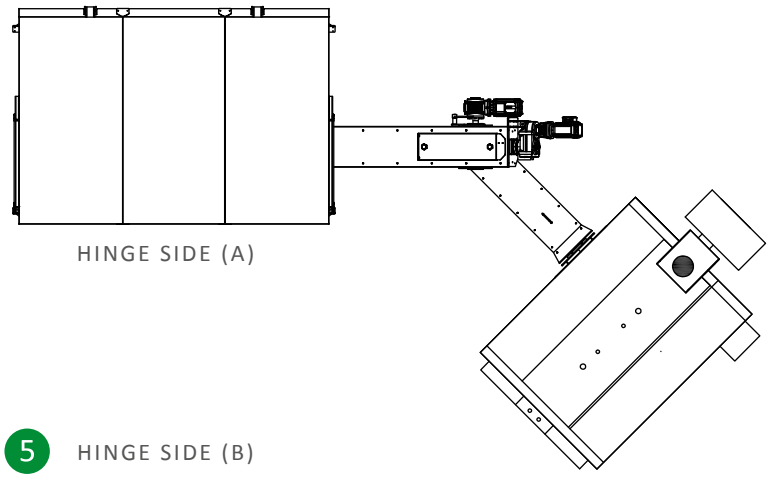
HINGE SIDE (A)

3 HINGE SIDE (B)



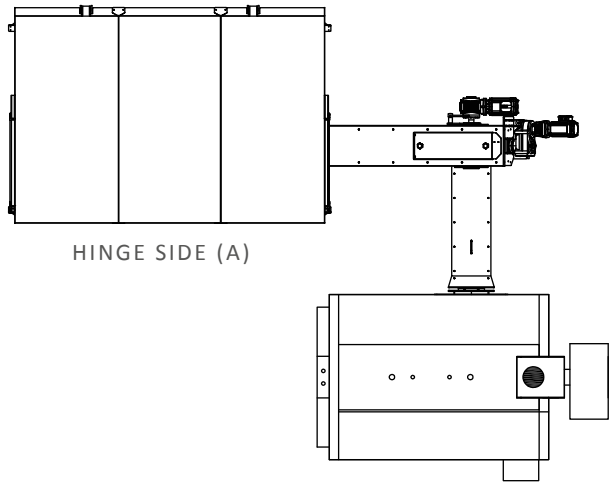
HINGE SIDE (A)

4 HINGE SIDE (B)



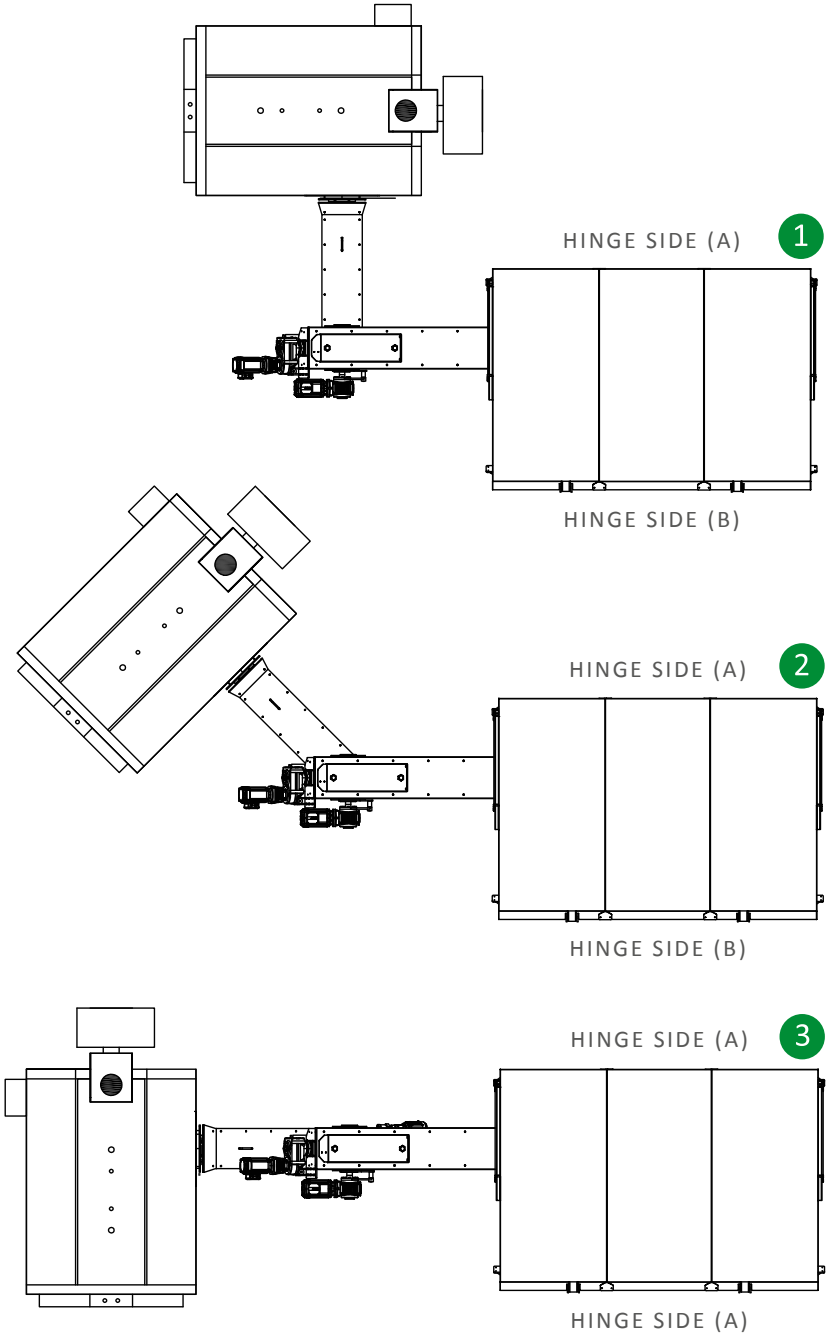
HINGE SIDE (A)

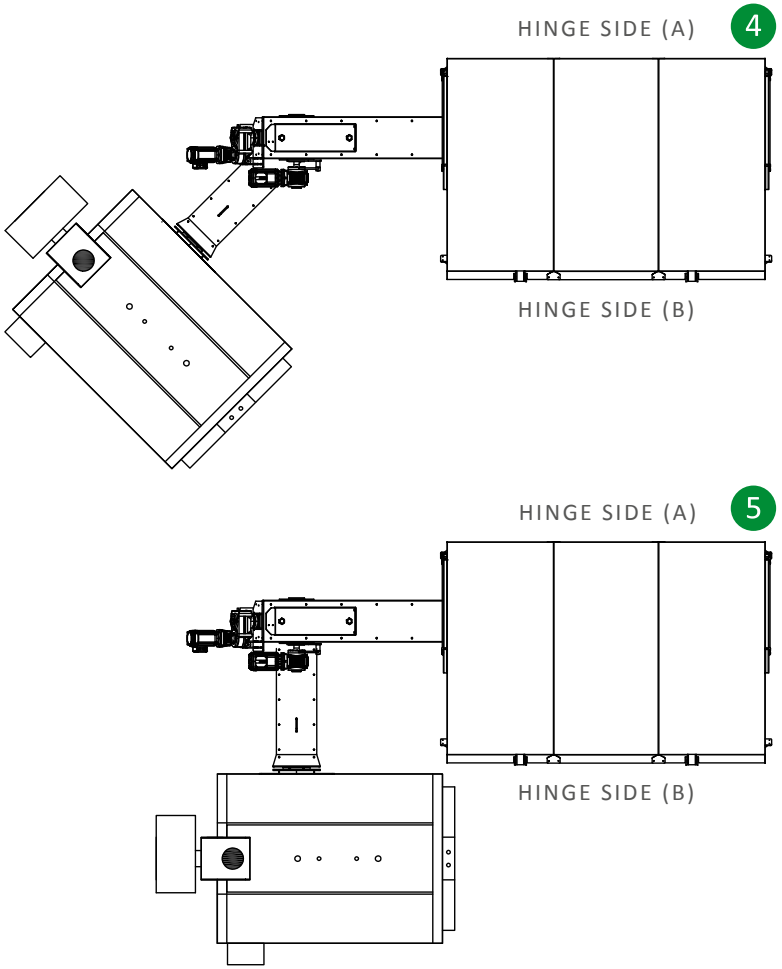
5 HINGE SIDE (B)



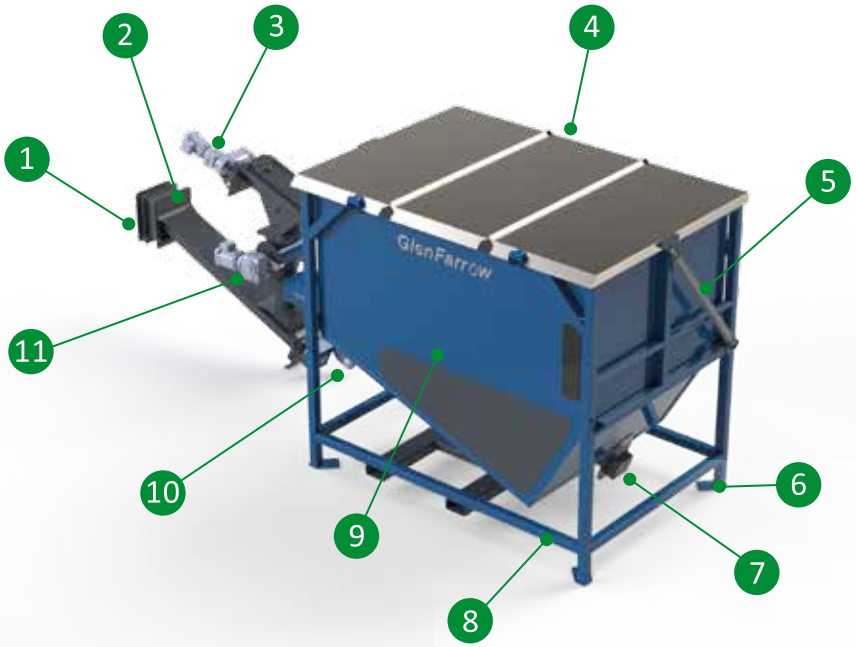
HINGE SIDE (A)

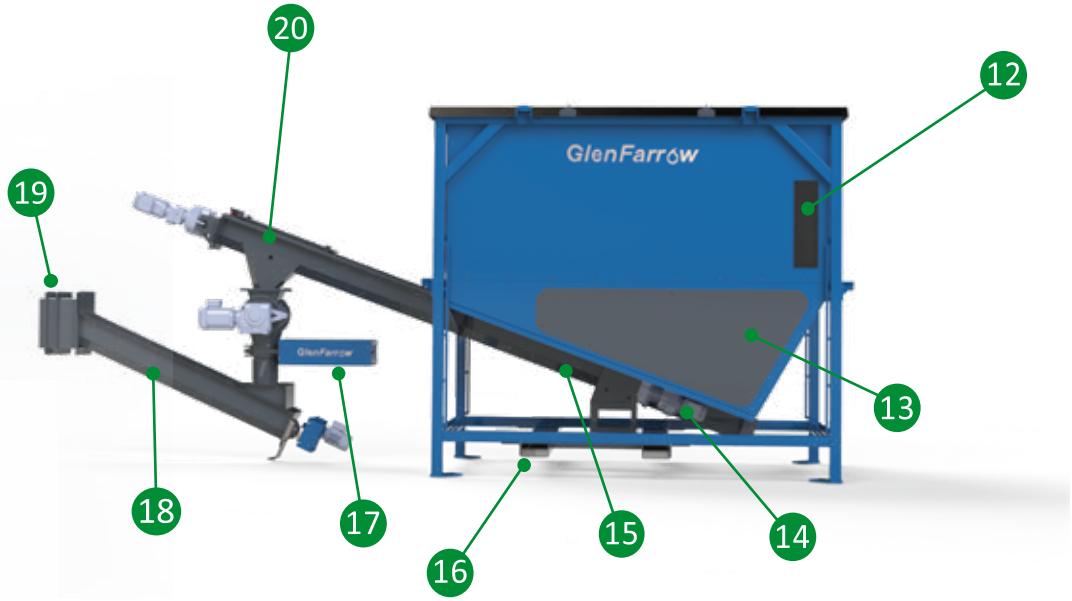
Configuration options (right)





General overview





1. Boiler plate entry
2. Stainless steel cover trims
3. High torque hopper auger gear motor
4. Aluminium roof
5. Pneumatic roof actuators
6. Adjustable leveling feet
7. Bearing cover
8. Fully welded steel construction frame
9. 8m³ steel hopper
10. High torque stoker auger gear motor
11. High torque rotary valve gear motor
12. Perspex sight gauges
13. Rotary agitator gear motor
14. Large maintenance hatches
15. Hopper auger
16. Forklift lifting points
17. Stainless steel knife valve with pneumatic actuator
18. Stoker auger
19. GF boiler entry chute
20. Rotary valve

Key features



Hopper

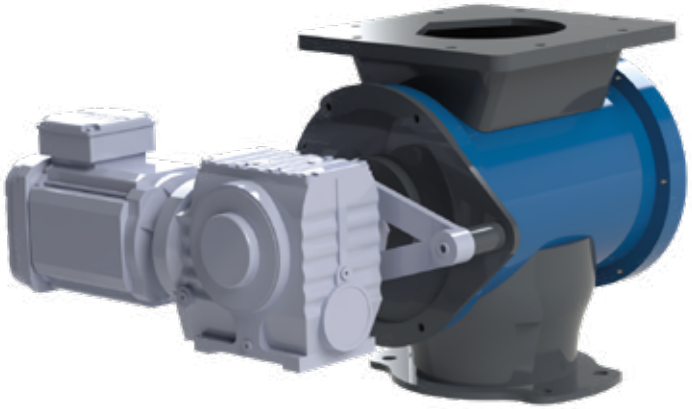
- 8m³ capacity
- All steel construction for long-life
- Available with aluminium roof to weatherproof outside installations



Hopper auger

- Long auger for effective emptying of hopper
- Powerful double reduction gear motor for long service life and minimal power consumption
- Inspection hatch with integrated safety switch
- Flange connection to rotary valve*

*See configuration options page







Key features

Rotary valve

- Extremely high torque double gear motor for effective chopping of oversized chip
- Permanent fire break even in a power cut
- Hardened steel blades for maximum cutting strength

Pneumatic knife valve

- Stainless steel blade
- Pneumatic actuator for quick and powerful operation
- Fail to close operation even in the event of a power cut
- Limit switch to ensure closing of valve

Key features





Stoker auger

- Powerful double reduction gear motor for long service life and minimal power consumption
- Short auger for fast movement of material into boiler
- Free floating auger end to ensure no bearings or components are near the combustion chamber

Control panel

- Touch screen control panel with enhanced features over the normal control panel
- Optimisation for specific fuels and moisture content
- Simple layout and easy to use screen
- Optional remote monitoring with GF Connected

Benefits of GlenFarrow

Try before you buy

We understand the importance of investing in a quality product. That's why we invite all customers to a walk through demostration of the GF auto-feed either at our facility or at an independent customer's site.

Turnkey biomass solutions

With over 2000 GlenFarrow biomass boilers installed in the UK, we are experts in providing our customers with full turnkey biomass solutions for their heating.

Full CAD drawings

We are able to produce full CAD drawings for all systems to ensure the best use of space and top quality installations.

National network of engineers

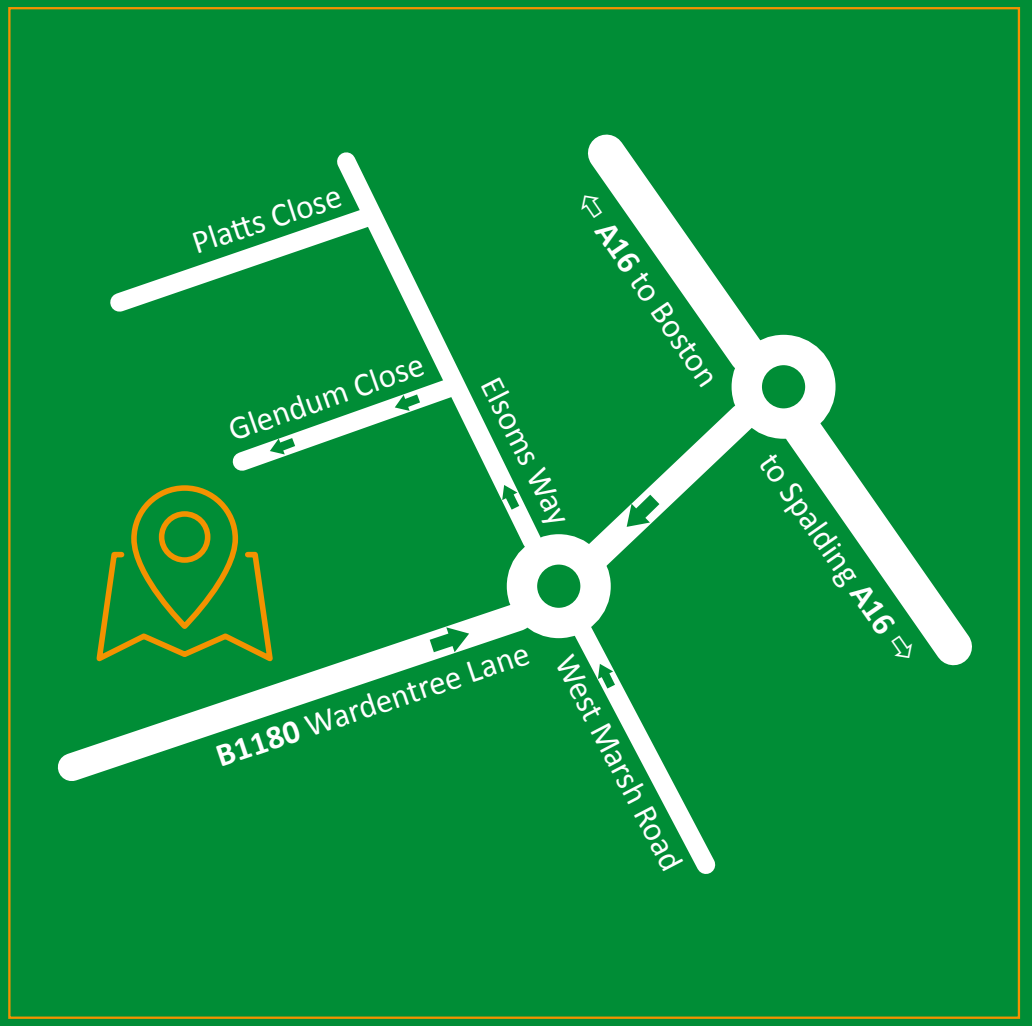
We have a national network of in-house service engineers so you can be rest assured that GlenFarrow will be there for you wherever you are based in the UK.

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