



 **Modframe**[®]

HEAVY DUTY MODULAR FRAMING FOR MEPF EQUIPMENT

ModFrame is FDG's Innovative Modular Framing system for heavy-duty applications. Ideal for supporting heavy pipework, HVAC equipment, large ducts and cable ladders, **all with no welding!**



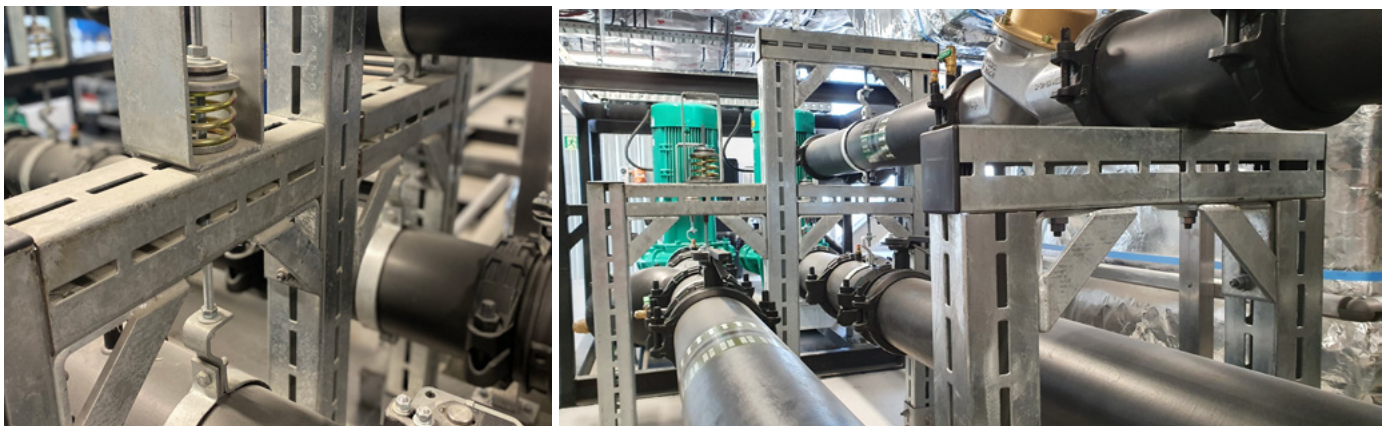
ABOUT MODFRAME

FDG's ModFrame System is ideally suited to supporting, heavy pipework, HVAC Equipment, large ducts and cable ladders. This high quality, German manufactured system has been extensively used on projects throughout New Zealand and the world. Fixed together using a system of unique modular components and fastened together with a patented T-bolt, ModFrame is an easy yet effective alternative to welded systems. ModFrame is bringing flexibility and efficiency to the construction industry and is becoming the new norm as a replacement for traditional costly welded frames.

The Major advantages of ModFrame are as follows:

- ✓ Eliminates the need for welding, drilling and galvanizing.
- ✓ Gain up to 60% time savings and significantly reduced material weights.
- ✓ A standard range of system components are stocked and readily available.
- ✓ All components are Hot Dipped Galvanized.
- ✓ Its modular nature means site modifications are easily completed.
- ✓ Frames, supports and modules can be designed by the FDG Team to be fully compliant with AS/NZ 4219: 2009.

FDG offers an engineering and design service for any frames or heavy-duty supports you require throughout your project. We will work together to co-ordinate your design and help you complete your project on-time and on budget. A full engineering report will be supplied along with a package of layout drawings and a comprehensive bill-of-materials. Engineering data and CAD files are available upon request from the FDG Team, who can assist your internal teams with design in the early stages.



MODFRAME CASE STUDY

Excel Refrigeration and Air-conditioning Limited is 100% New Zealand owned and operated, servicing the North Island with 11 offices. Excel specialises in commercial and industrial refrigeration systems along with ventilation and air-conditioning for commercial premises. Excel is supported by a network of local and international suppliers, as FDG are one of them, we had the privilege of working with them on a project for FruPak Cool Stores in Hastings. The objective of the project was to run air conditioning and ventilation services to the new chiller between the existing building and the proposed new extension.

FDGs Customer Challenges

- ⊗ Project had added time pressures.
- ⊗ Significant space restrictions.
- ⊗ Complications of combining an old building and new extension.
- ⊗ Looking for innovative solutions to space and time challenges.
- ⊗ A requirement for reliable suppliers.



FDGs Modframe Solution

- ✓ Tailored design work for a restricted space.
- ✓ Modular Framing that supports pipes and services, ideal for a restricted space.
- ✓ Quick product install, giving confidence to complete projects on time.
- ✓ Flexibility to have multiple services across one structure.
- ✓ Component-based assembly allowing for unique framing shapes.





Keeping You Moving & Making



"We were initially hesitant to use ModFrame given we had never seen anything like it in the market before, but after use on one project we will never return to traditional welded frames. It cut overall costs by over 50% due to its endless flexibility and huge time saving advantages when installing on site"

— Foreman - Axis Plumbing NZ



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