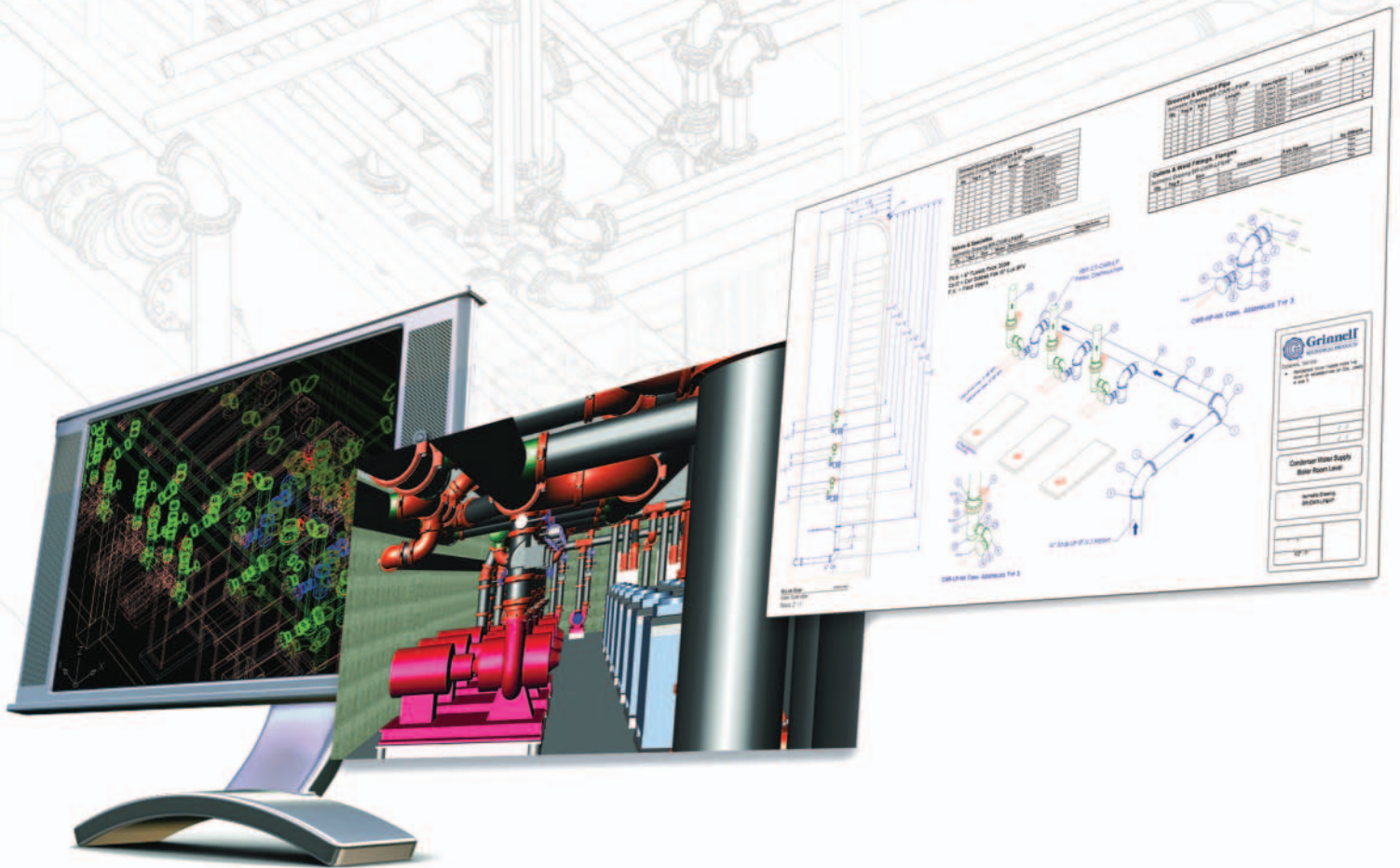


Supporting Your Mechanical Business...



From Design... **To BUILD**



Grinnell

UK and Ireland

by Tyco Fire Suppression & Building Products

MECHANICAL



SERVICES

GRINNELL Mechanical Services, a department of GRINNELL Mechanical Products, works with engineers and contractors to create the most cost-effective and time-efficient piping solutions from design...to build.

Common Challenges You Face

- High Material Handling Costs
- Material Backorders
- High Installation Costs
- Excessive Material Leftovers
- Health and Safety
- Piping Interferences and Clashes
- Space Constraints
- Lack of Skilled Labour
- Compressed Delivery and Build Schedules

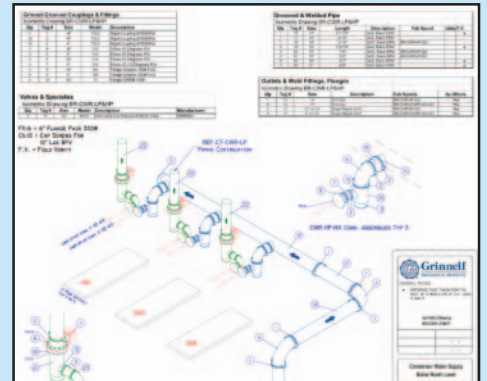
Solutions We Provide

OUR MECHANICAL DESIGN DEPARTMENT provides a strategic extension of your own design team.

OUR PROJECT PLANNING jump-starts your design process, reducing indirect operations at the job site while identifying conflicts between your project documents.

OUR BUILDING INFORMATION MODELLING EXPERTISE supports your BIM drafting and coordination. We deliver 3D Modelling in your preferred project format for clash detection.

OUR DESIGN FLEXIBILITY incorporates the best joining technology available for your specific need by using grooved systems with combinations of welded and flanged.



Supporting Your Mechanical Business

Results We Deliver

SHOP DRAWINGS - This service creates easy-to-follow, tagged 3D Isometric Drawings with complete Bill of Material (BOM) tables and fully dimensioned piping plans of your mechanical equipment rooms.

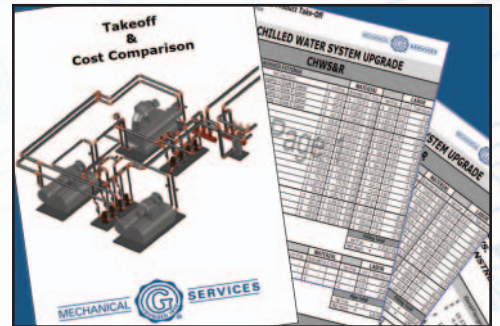
PUMP ASSEMBLIES AND EQUIPMENT CONNECTIONS - Our 3D Modelling with tagged BOM tables provides clear, accurate representations of grooved piping hook-ups. Based on equipment submittals and bid drawings (flow diagrams, HVAC details, and plan views), we create detailed assemblies that you can use for submittals, reviews, and assembly instructions.

COST COMPARISONS - Using industry-standard, man-hour data estimations and our BOMs, we compare the cost savings of grooved piping solutions over traditional welded/flanged joining methods. By utilizing the benefits of grooved piping, our technical experts recommend ways to save you money.

CRATE AND TAG HANDLING - We provide an effective material handling process to help increase your labour productivity by 25% or more in conjunction with GRINNELL distribution partners. We deliver complete, tagged pump or equipment hook-up BOMs directly to equipment rooms for easy access, eliminating your need to reference multiple shipments and back orders and reducing your material waste and overages.

THERMAL MOVEMENT ANALYSES - We advise specifiers and installers on the proper use of grooved couplings for thermal expansion compensation in piping systems. Our in-depth assessments of your systems offer cost-effective design solutions, reduce rework, and help you meet project performance requirements.

TRAINING - Our training includes informative classroom lectures on leading industry technologies, including CIBSE accredited CPD seminars and hands-on practical demonstrations of grooved product installation and full site-based toolbox talks.



From Design... **To Build**

MECHANICAL



SERVICES

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www.grinnell.com

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