



CJ Waterhouse Co Ltd

MATERIALS HANDLING ▼ WEIGHING SYSTEMS ▼ PROCESS SOLUTIONS
PLANT CONTROL ▼ AUTOMATION ▼ BESPOKE MACHINERY

Engineering Services



www.cjwaterhouse.co.uk

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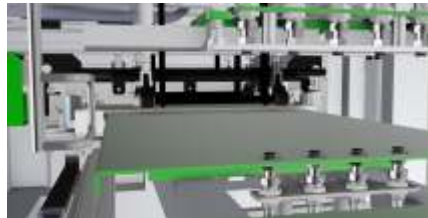
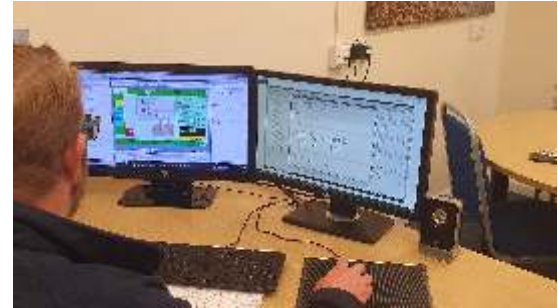


Design & Consultancy

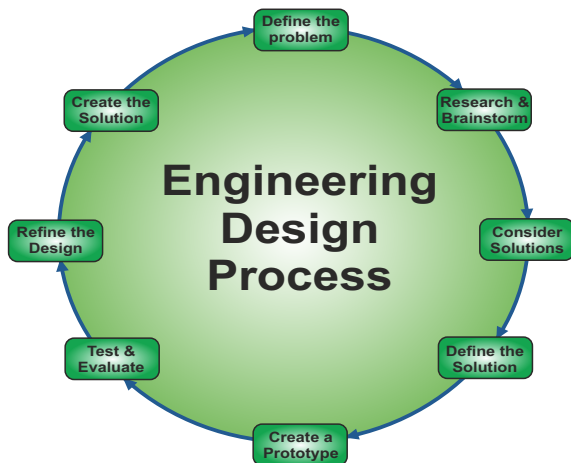
With our team of experienced design engineers we can offer our customers a variety of engineering design services from simple drafting to bespoke system research, design development and prototype manufacture.

Our design services are offered from in-house resources utilising the latest 2D and 3D modelling design software to ensure we provide the best possible service with respect to functionality, longevity and budget. We draw on many years of bespoke system design within multiple manufacturing industries to develop the most exacting solutions.

Our extensive experience allows us to offer design and operation consultancy services for a wide variety of materials handling & automation applications.



Evaluation & Prototyping



For all engineering design projects we follow a simple process flow to ensure the end goal of achieving the correct solution is achieved. This process involves a number of key steps commencing with definition of the problem, through the research and preliminary solution stages to the modelling and final solution creation.

For the majority of bespoke machine and system design projects we produce partial or full prototypes to prove the concept. Such prototypes may be on a smaller scale or manufactured from temporary materials to test the design functionality prior to committing to final design and manufacture. This prototype development system not only reduces wastage but also optimises

project development and manufacture times whilst ensuring any design errors and functionality problems are rectified quickly and efficiently.



Assembly & In house Testing



Where possible all equipment is fully assembled in our workshop prior to packing and delivery for quality control purposes and to ensure functionality.

Following mechanical assembly the associated control panels are mounted and all machine electrics such as motors and sensors are fitted and wired.

The system is then tested, firstly without material to check basic functionality and to ensure the control software operates correctly. Where possible materials are introduced to give a true representation of the machines site operation.



Installation & Commissioning

We supply our customers with varying levels of service depending on their specific requirements. From equipment supply only to installation supervision and full mechanical and electrical installation services.

From single stand alone machines to complete site installations incorporating machinery, support structures and access platform and plant wide control systems we can provide site engineering services to suit your specific requirements.



Following installation we offer a comprehensive system commissioning and plant start up service to fully verify the installation whether it be by ourselves or via a customer appointed third party installer.

Our experienced commissioning engineers will conduct dry system trials to ensure all physical plant functions operate correctly before introducing materials to conduct live system commissioning.



Service & Support

Our dedication and support to our customers doesn't end at installation and site commissioning. We offer a range of after sales services and support packages ranging from pay as you go maintenance to annual calibration visits and full service contracts.

Service contracts are all tailor made to suit your specific installation and the equipment covered and can include multiple levels of cover:

Bronze

Telephone support

Silver

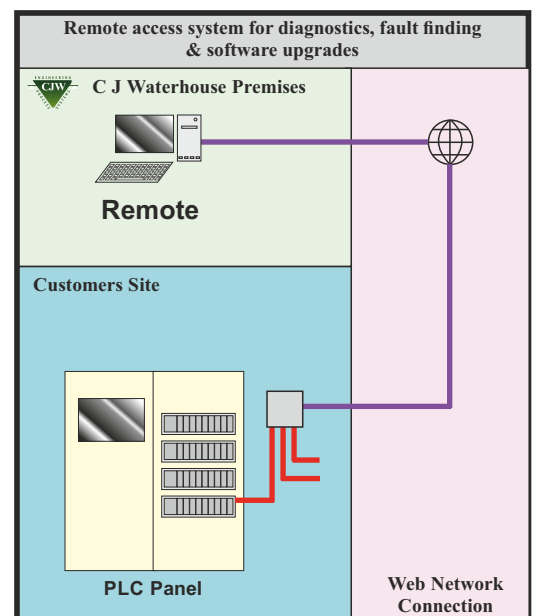
Telephone support & service visits

Gold

Telephone support, service visits & remote software access

Platinum

Telephone support, service visits, remote access & spares discount





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