

CUSTOMER CASE PORT OF VIENNA

WHEN EVERY
KILOGRAM MATTERS

” Thanks to its lightweight yet robust stainless steel construction, this system is the perfect companion. Another major advantage is that no additional cables need to be laid and the wireless connection can be established quickly and easily. ”

Mag. Doris Pulker-Rohrhofer -
Managing Director, Hafen Wien

BACKGROUND

Covering an area of around 3 million square metres, the Port of Vienna is one of Europe's most important logistics hubs. Around 1,200 cargo ships are handled here every year. The goods transported range from petroleum products, road salt and building materials to agricultural produce such as grain and artificial fertiliser.

The Port of Vienna combines decades of experience with state-of-the-art technology and, as a multifunctional service provider, offers ideal conditions for international trade and transport. Thanks to its excellent connections to shipping, rail and road transport, it serves as a high-performance hub for global flows of goods, which are transported by water, rail and road.

INDUSTRY Port handling

SERVICES Petroleum and redefined products, break bulk, liquid bulk, container and more.

COUNTRY Austria

MACHINE Fuchs MHL380F Material handler



THE CHALLENGE

Handling a continuous flow of diverse cargo requires both speed and precision. Hafen Wien needed a weighing solution that could provide accurate weight data during every lift, without interrupting operations.

The objective was to improve efficiency, optimise cargo handling and give operators complete control over every load in real time.

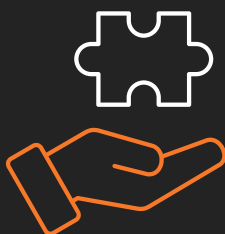
Various vessels call at the port, and loading and unloading is carried out using a Fuchs MHL380F delivered by **Kiesel GmbH**. Due to the required operating depth, the machine is fitted with a curved boom (banana boom).

As the machine is used to handle a variety of materials, an OilQuick OQC70/55 quick-change coupler has been fitted. The following attachments are used:

HGT Orange peel grab MT4.6-1400-5-HG
HGT Two-shell loading grab RC5.6-2500
HGT Two-shell loading grab RC5.6-4500
Kinshofer KM920 Big Bag Spreader
OilQuick double load hook



Hafen Wien required a weighing solution that could:



- **Be mounted** onto the boom for instant weight registration during loading and unloading
- **Be used** with all attachments through quick-coupling.
- **Deliver** weighing data with the highest possible accuracy during daily loading and unloading
- **Operate** wirelessly to avoid additional cables on the long banana boom of the material handler

THE SOLUTION

To meet Hafen Wien's requirements, Intermercato through Kiesel GmbH supplied the MH25 Intelligent Weighing System – a versatile weighing solution designed to work seamlessly with multiple attachments.

Mounted in front of the OQC70/55 quick coupler, the MH25 allows operators to tare the scale directly from the cab, making it easy to switch between different attachments while maintaining accurate weighing.

Its lightweight yet robust stainless steel construction is built to withstand demanding port operations without compromising lifting capacity.

The wireless connection eliminates the need for additional cabling, simplifying installation while providing reliable communication between the scale and the operator.

The result is a flexible, efficient and user-friendly weighing solution that delivers accurate weighing data with every lift.



Intermercato Intelligent Weighing Systems MH25



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Die weltweit

The world's only
certified and type-
approved scale
for hanging load
in motion



THE RESULT

EASY ATTACHMENT SWITCHING

The customer can seamlessly switch between his fleet of buckets and other attachments thanks to the perfect fit with the quick-coupling and convenient tare function.

HIGH WEIGHING ACCURACY

Reliable measurements help ensure correct quantities are being registered when loading and unloading vessels.

IMPROVED OPERATIONAL FLOW

Faster weighing processes contribute to shorter cycle times and more efficient daily operations.

WIRELESS OPERATION

Easy installation and no cables. Real-time weighing data provides operators with greater flexibility and visibility during handling.

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