

CASE STUDY

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Contractor Uses Munkebo Tower Systems Around the World

FOR MORE THAN THREE DECADES, one of the world's largest providers of contract abrasive blasting, steel preparation, and coatings applications has purchased Munkebo equipment for its portable vacuum and recycling needs. The contractor has purchased Vacuum and Recycling Tower Systems, in addition to dozens of other Munkebo equipment, for use in the United States, Europe, and Asia.

OPERATIONAL FLEXIBILITY

The contractor has been happy with the operational flexibility of these Tower Systems and of the ability to secure them on standard-sized trucks with a twist-lock system, similar to how shipping containers twist lock onto railcars and ships.

Furthermore, this twist-lock system allows for simplified setup and breakdown at job sites. Bridges, windmill towers and shipyards, including a shipyard in the San Diego Bay in the United States, are a few of the locations where the contractor uses the Tower Systems.

The contractor also uses the Towers Systems to recover and recycle media used during the blasting of new monopile foundations before they are installed. (Monopile foundations are the concrete and steel support structures beneath offshore wind towers.) The contractor is especially pleased with how easily its maintenance crews can perform routine service on the Tower Systems within the space restrictions at their maintenance facilities.

ALL UNITS STILL IN SERVICE

Munkebo originally custom engineered these Tower Systems to meet the customer's production and flexibility requirements. The modified design was so successful that it became the standard for all Munkebo Tower Systems. In fact, all of the contractor's Tower Systems are still in service, some after nearly 30 years.

MORE BENEFITS OF MUNKEBO TOWER UNITS

The recycling, storage-hopper, and blast-machine refilling components of Tower Systems are housed in stackable, 10 ft x 10 ft cube container frames, while the vacuum units are positioned alongside the tower. The tower design accommodates high-volume jobs where equipment must have a small footprint. These modular, closed-circuit systems also are weatherproofed—they are snow and rain resistant.

Because of their modular design, they can be used as a complete vacuum and recycling system or, if the job calls for it, only a vacuum or recycling system.

ABOUT MUNKEBO

Munkebo is a brand of abrasive vacuum and recovery systems. The company is based in Munkebo, Denmark. It was founded in 1963 and acquired by Clemco in 2008.

Munkebo also manufactures mechanical recovery systems, abrasive cleaning systems, ventilation systems, and other equipment for the abrasive blasting and painting industries. ●



Setting up a Munkebo Tower System in a Singapore shipyard in 2021.