**BM-T700**

**MOTION COMPENSATION PLATFORM**

---

**GENERAL**
- Crane capacity: 160 mT at 12 m
- Platform payload capacity: 700 mT

**COMPENSATION**
- Wave height: $H_w = 0 - 2.5$ m
- Wave period: $4 - 18$ s
- Heave, roll and pitch motions: 95%
- Onboard lifting functionality

**FOOTPRINT DIMENSIONS**
- Foundation footprint: 18.3 x 15.1 m
- Control room and HPU: 12 x 2.5 m
- Platform working area: 12 x 12 m

**WEIGHT**
- Platform and foundation: 270 mT
- Control room and HPU: 63 mT

**TRANSPORT**
The complete Barge Master can be shipped in standard sized containers.
The BM-T700 measures vessel motions and actively compensates roll, pitch and heave motions by means of three hydraulic cylinders. The surge, sway and yaw of the vessel can already be constrained by either dynamic positioning or traditional anchor systems.

The BM-T700 functions as a multifunctional platform for numerous applications. The BM-T700 provides a steady platform from which equipment can operate, or can be the stable, level support of cargo and other offshore loads. The BM-T700 is easily mobilized on a barge or other vessel of opportunity. In addition, operating equipment, to be used on the BM-T700, such as cranes, can be hired worldwide. A fully functioning motion compensated crane barge or vessel can be quickly integrated: only the Barge Master needs to be mobilized. Since the entire BM-T700 system is fully containerized, mobilization costs are kept to a minimum. The BM-T700 can be purchased or rented.

INCREASED WORKABILITY

The BM-T700 measures vessel motions and actively compensates roll, pitch and heave motions by means of three hydraulic cylinders. The surge, sway and yaw of the vessel can already be constrained by either dynamic positioning or traditional anchor systems.

The BM-T700 functions as a multifunctional platform for numerous applications. The BM-T700 provides a steady platform from which equipment can operate, or can be the stable, level support of cargo and other offshore loads. The BM-T700 is easily mobilized on a barge or other vessel of opportunity. In addition, operating equipment, to be used on the BM-T700, such as cranes, can be hired worldwide. A fully functioning motion compensated crane barge or vessel can be quickly integrated: only the Barge Master needs to be mobilized. Since the entire BM-T700 system is fully containerized, mobilization costs are kept to a minimum. The BM-T700 can be purchased or rented.

INCREASED WORKABILITY

Typical workability increase for lifting operations with a Barge Master T700

Typical workability increase for lifting operations with a Barge Master T700

Increased workability
with a Barge Master T700

Workability without a Barge Master

H₃ 2.5 m

H₃ 0.75 m

Barge Master B.V. The Netherlands
+31 (0)10 409 00 60 info@barge-master.com www.barge-master.com