

RAM
SPREADERS

Quayside Productivity Increase with
TANDEM40

 **TRANSPORT**
MIDDLE EAST 2025

TANDEM 73/900

SINGLE 54/900

TANDEM vs SINGLE

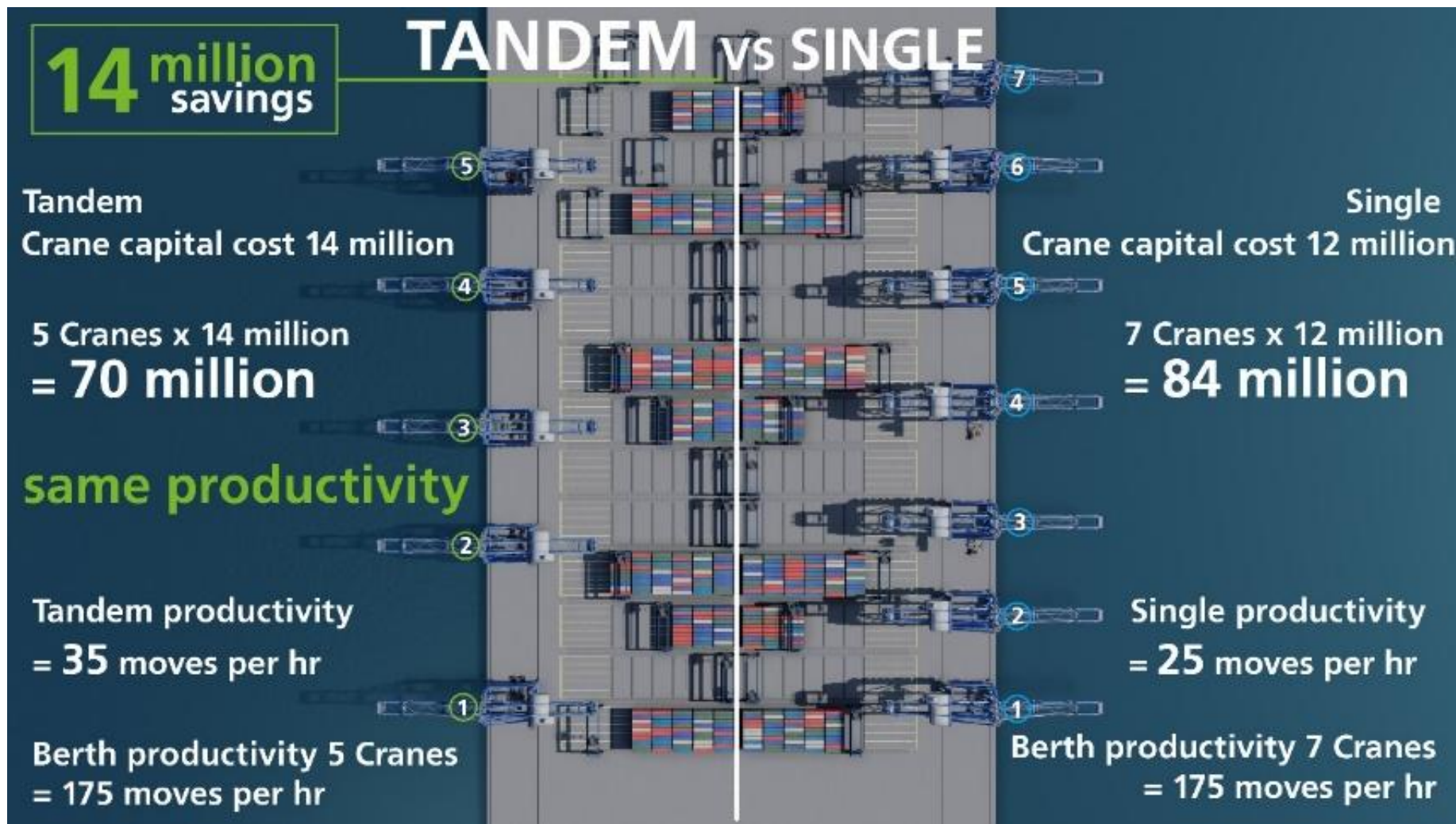


Tandem vs Single – Vessel Turnaround

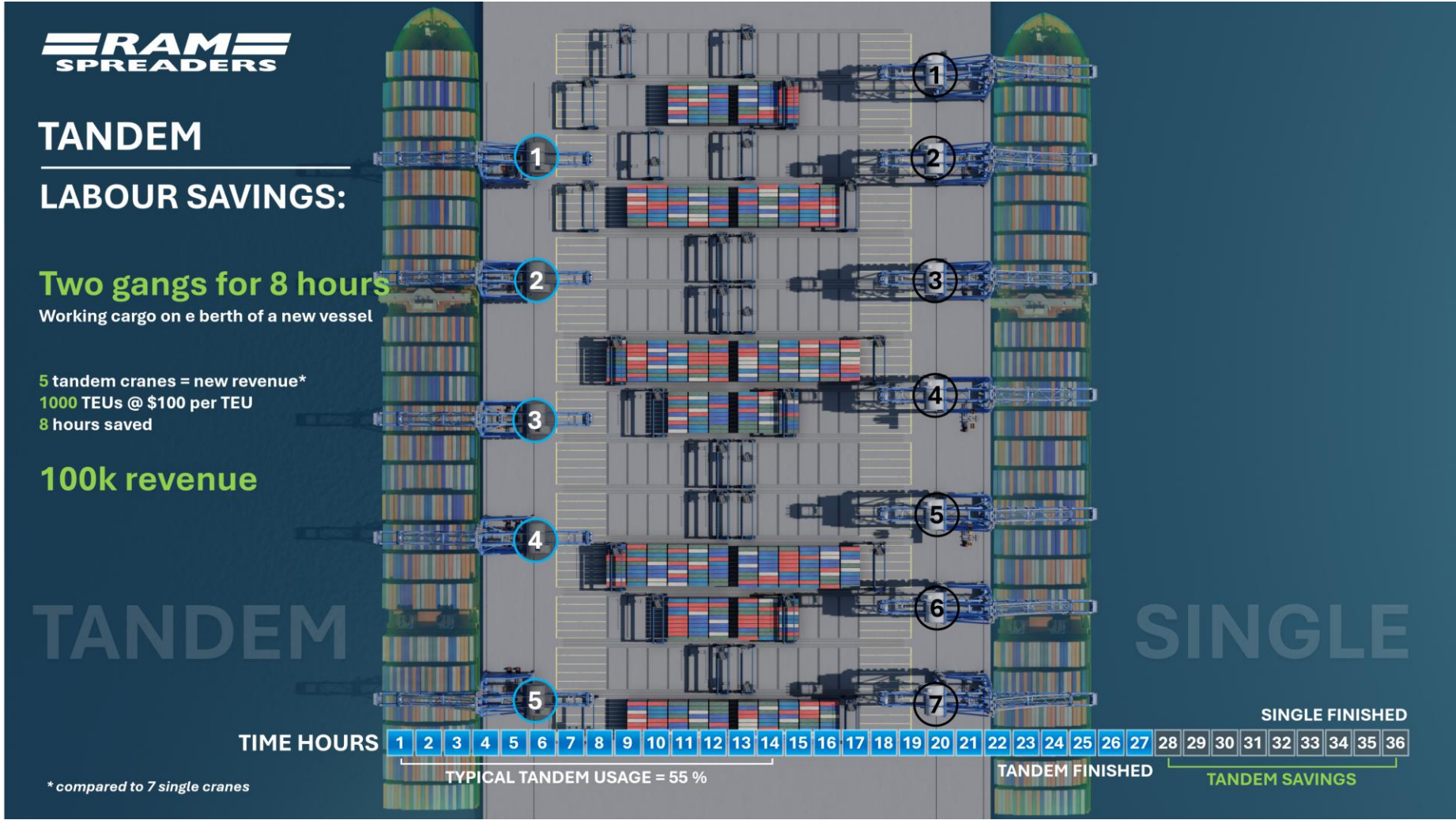
Vessel turnaround time
is governed by the concentrated stowage point



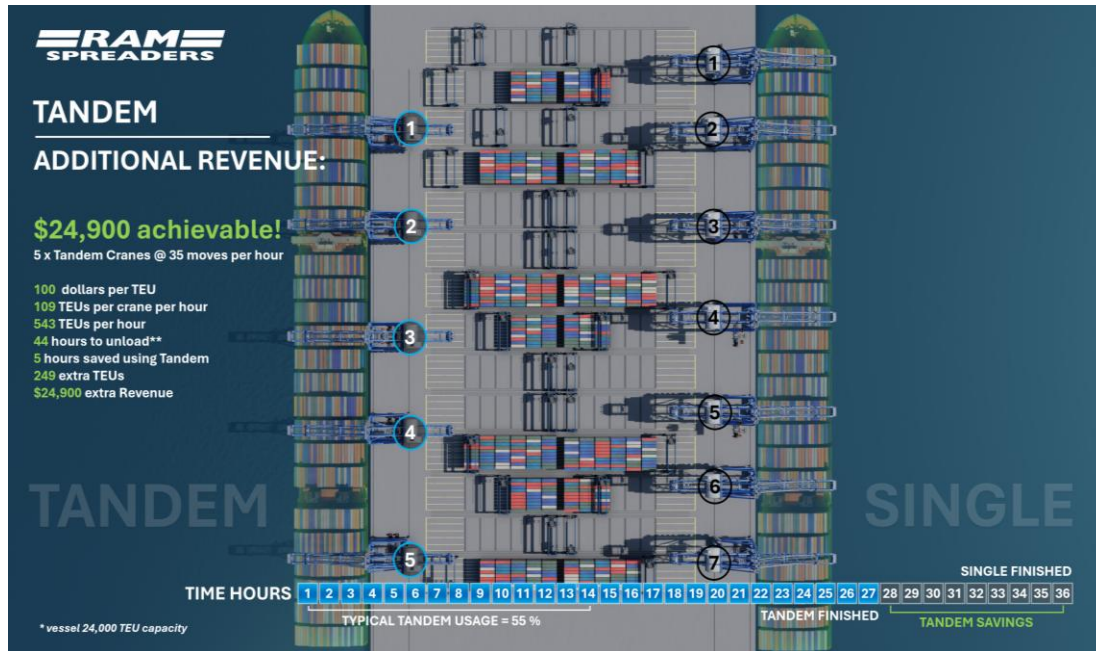
Tandem vs Single – Capital Cost



Tandem vs Single – Increase Revenue!



Tandem vs Single – Increase Revenue!



REVENUE

Tandem operations enable vessels to complete their tasks more quickly, thereby freeing up the berth for new vessels to come alongside. Handling more containers on the same berth enables a terminal to generate more revenue!

Turnaround Simulation Example:

Tandem crane vessel turnaround, with the second vessel arriving while a single crane operation continues on its first vessel!

Benefits of Tandem:

- A terminal can generate an additional \$ 25,000 in revenue when unloading a 24,000 TEU mega-vessel.
- It is possible that a terminal can work an extra 1,272 TEUs in 24 hours, generating an additional \$127.2k.

“If waiting ships and more cargo can generate additional revenue, then terminals can quickly generate an extra €87.3k per week (€4.5 million per annum) with the same capital”

The background of the slide is a faded, light blue image of a port. It shows a large stack of shipping containers in various shades of blue and grey. A large gantry crane is visible on the left side, with its complex metal structure extending over the containers. The overall scene is industrial and suggests a busy port environment.

Tandem Headblock System

The future of container handling is here