

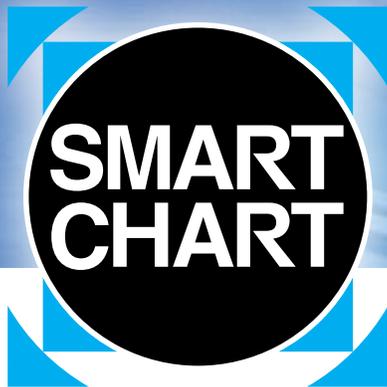


Lifting your dreams

*NEW TECHNOLOGY*

# Smart Chart

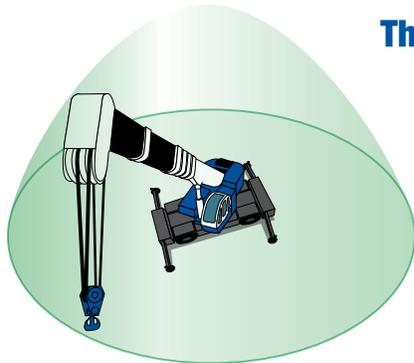
NEW TECHNOLOGY



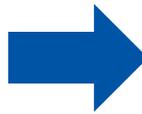
GR-1200XL

# Working area now expanded to a square pyramid shape from a circular cone. Smart Chart Makes Debut!

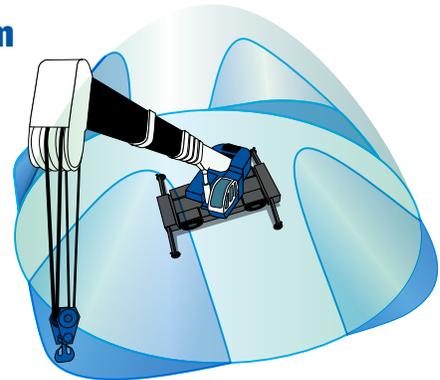
In 1991, ahead of other manufacturers, Tadano introduced a control system that allows safe crane operations in asymmetric outrigger extension setups by way of outrigger extension width detection. This technology evolved into the newly developed Smart Chart, which brings out better crane performance, also while the outriggers are fully extended. The Smart Chart expands the working area shape from a circular cone to a square pyramid, which allows you to get the most of the crane performance in any outrigger extension setups.



The new Smart Chart system allows a crane to reach its full potential.

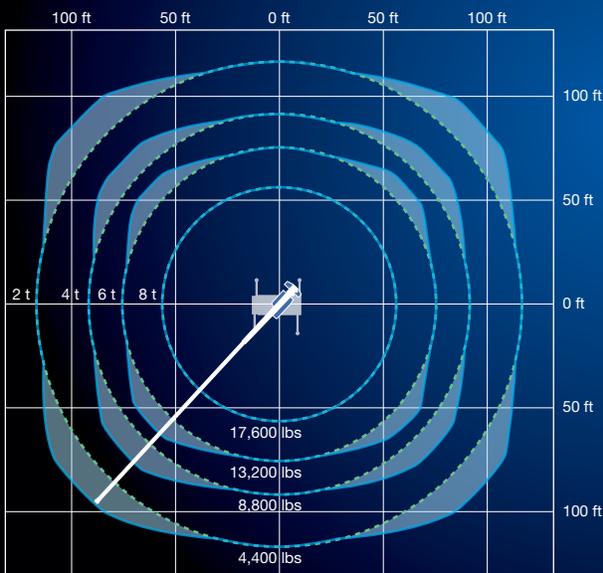
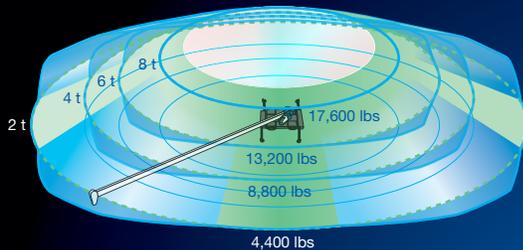


- Conventional working area
- Expanded working area



## In the case of GR-1200XL Provisional

Main Boom: 183.7' (56.0 m)  
Outrigger: Maximum extension



## An example of effects with the Smart Chart (Comparison with conventional control)

Load radius

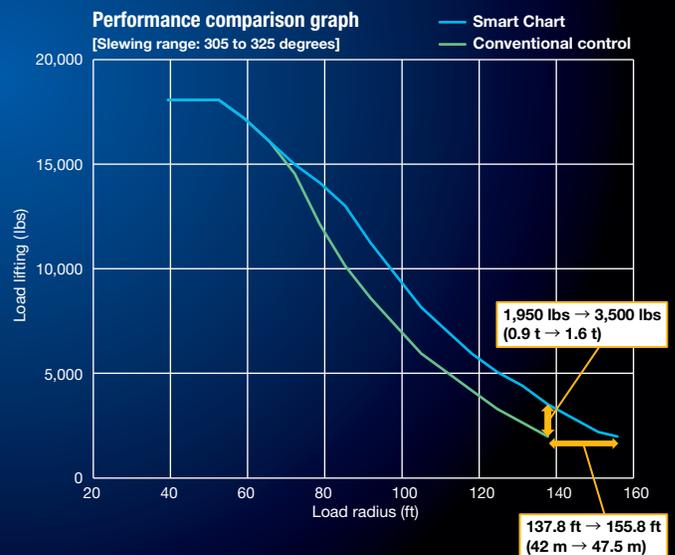
**137.8 ft (42 m) → 155.8 ft (47.5 m)**

Approx. **13%** expansion

Load lifting capacity

**1,950 lbs (0.9 t) → 3,500 lbs (1.6 t)**

Approx. **78%** improvement

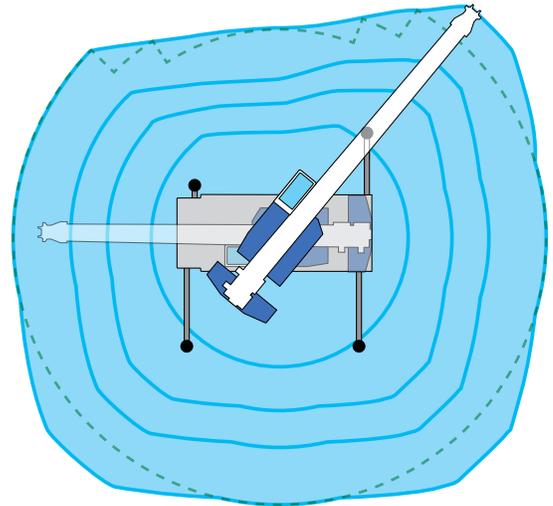
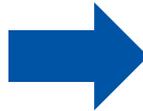
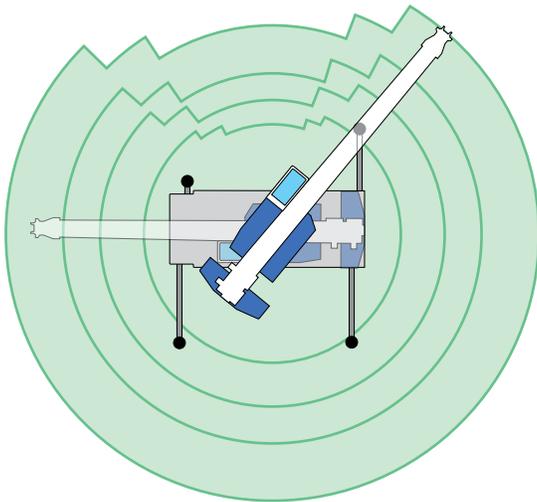


## Expands working area even in asymmetric outrigger extension setups!

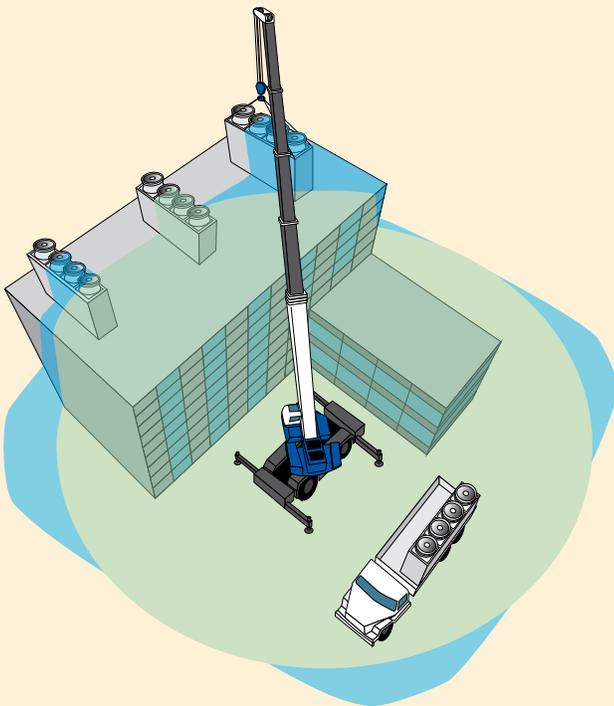
The Smart Chart also optimizes the working area in asymmetric outrigger extension setups, and provides more work efficiency.

Working area with conventional control (from 1991)

New working area with the Smart Chart (from 2017)



## New working area Smart Chart creates for you.



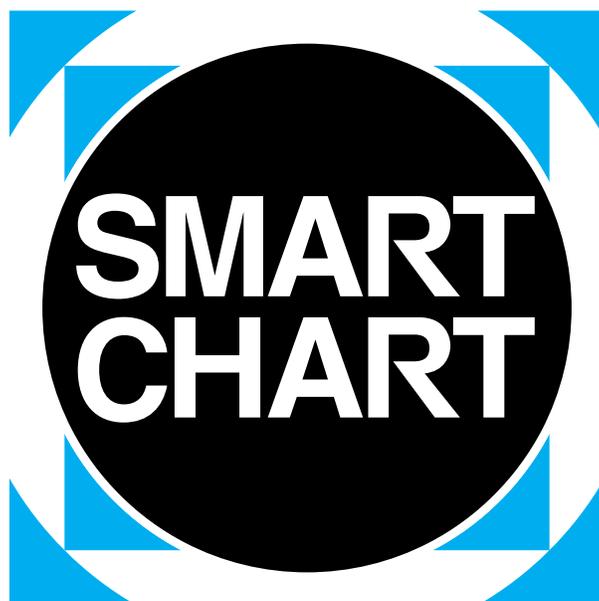
### In maximum outrigger extension setups

The Smart Chart taps the potential of a crane by expanding the conventional circular working area into a square one, improving work safety and efficiency.



### In asymmetrical outrigger extension setups

In a site where all outriggers cannot be extended fully, the Smart Chart always draws out maximum work performance to support your job. Even in a work site where space is limited, the Smart Chart provides a safe and comfortable work environment.



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