

New

**U3 Type
TIB2 Type
New Release**

Introducing all new Anti-sway control solution for crane system. Anti-sway feature simultaneously enables to secure operator's safety and increase work productivity by limiting sway of load.

Are you struggling with the sway of the load when you move the load by crane?



1 Anti-sway function can limit the sway of the load

Identical to U3 type inverter hoist Anti-sway function when traversing, TIB2 Anti-sway function makes it possible to limit the sway of load when crane is travelling.

U2 Type

Inverter control box for saddle motor TIB (S) <Previous type>

Without Anti-sway function

There are risks of collision and collapse of the load due to sway of the load during traversing operation.

It can be dangerous due to sway of the load

U3 Type

Inverter control box for saddle motor TIB2 (S)

With Anti-sway function

Anti-sway function can limit the sway of the load at traversing operation and improve the safety and work efficiency.

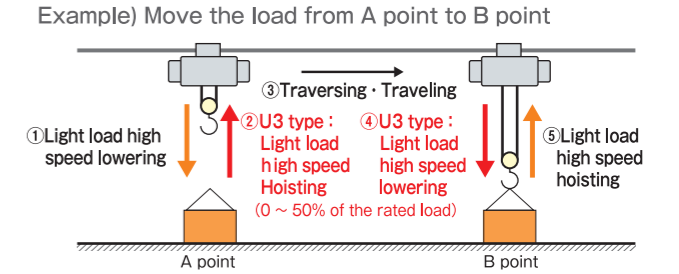
Even a beginner can operate the crane safely and work efficiency can be improved.

- Points of Anti-sway control**
- The effect of Anti-sway function can contribute to secure worker's safety.
 - Work efficiency can be improved by limit the sway of the load during traversing operation.
 - The risk of workers who are not used to operate the crane can be reduced.
- ※ The swing quantity of the load is 1/5 or below with comparing to that of U2 type. (It is necessary to set the length of pendulum to activate Anti-sway function)

2 Light Load High Speed Function(Wide Range)

Type	Name of function	Range of light load detection
U2 Type Hoist	Light load high speed function	0~25% of the rated load
U3-HU3 Type Hoist	Light load high speed function(Wide range)	0~50% of the rated load

The detection range of Light load high speed function is expanded



- The points of Light load high speed function (Wide range)**
- If hoists are less than 7.5 ton, hoisting speeds are changed automatically to 1.5 x faster than standard speed, and if the hoists are over 10 ton, they are changed to 2x faster than standard speed.
 - The judgement value is changeable in the range of 0% to 50% of the rated load. Frequency setting of Light load high speed operation can also be changed.
 - Light load high speed function can be used even under combined hoisting operation.
 - ※ In the case of long lift models, there is a possibility that Light load high speed function can not be used. Please contact us for long lift models.
 - ※ There is a possibility that the Light load high speed function can not be used at 50% of the rated load due to the variation of judgement arisen from the environment(voltage, temperature, etc) in which the hoists are used.
 - The factory setting of the light load detection level is 25% of the rated load.



Don't you feel annoyed to adjust the position of the hook at combined hoisting operation ?

3 Synchronized control function(specialized function) offers safety and automatically control the position of the hook by transmission board

U2 Type

Strain to adjust the position of the hook.

- In general, it is necessary to adjust the position of the hook every time of use.
- It is necessary to reset the position of the hook by limit switch or switch to single operation mode.

It is necessary to adjust the position of the hook by limit switch, etc.

The slight gap of hook position is arisen by repetitive operation.

U3 Type

Ease of combined hoisting operation due to position of the hook is automatically adjusted.

- Synchronized control function monitors the mutual hook position by transmission board and automatically adjust the hook position gap.
- The reference hook position can be set voluntarily by the offset function of combined hoisting operation.

Synchronized control Image

Keep the horizontal position

Keep the gap

The reference hook position can be set arbitrarily

