

# TATEKATA ACE

Steel Erection System [S, SRC Building]

## The effect of system introduction

### Q.Improvement in Quality

- ① It is possible to adjust the tolerance, verticality and level of column independently.
- ② According to metering equipment (3 dimension metering equipment, transit and so on) the coordination may easy guarantee its high accuracy.

### C.Reduction in Cost

- ① The expendable items can be limited.  
[ Adjusting wire and its temporary piece ]  
Splice plate as well as bolt
- ② It is possible to reduce the workers during erection.

### D.Reduction in Erection time

- ① The erection time for column installation can be shortened largely.
- ② Girder installation time shorten: Girder installation can be carried on smoothly because the column installed precision is high.
- ③ Column installation time shorten: The crane can be released quickly due to the column self standing.
- ④ The installation members per day can be increased.

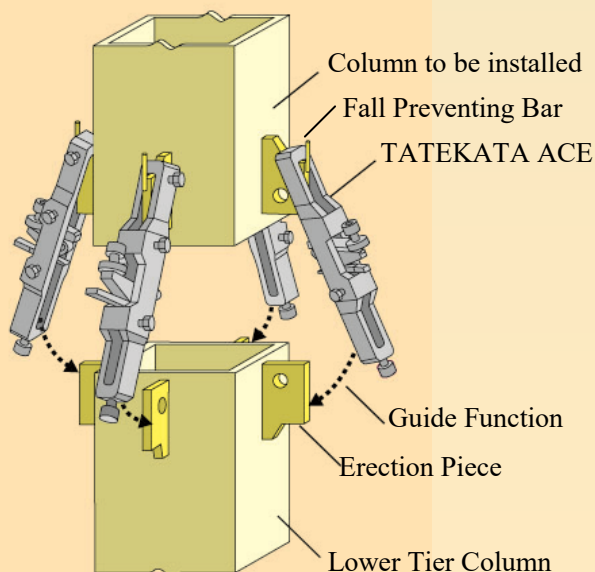
### S.Improvement in Safety

- ① High place operation can be reduced.
- ② The dangerous work caused by alignment can be reduced .
- ③ The dangerous work caused by conflict with wire can be reduced.



View for delivery Special Rack  
TATEKATA ACE 10 pieces / 1Rack  
900\* 820\* 400mm  
Total Weight max about 200kg

This is a new steel election method in which TATEKATA ACE is set up during construction and combined with measuring devices (3D measuring devices, transits, etc.) to ensure efficient and safe construction.



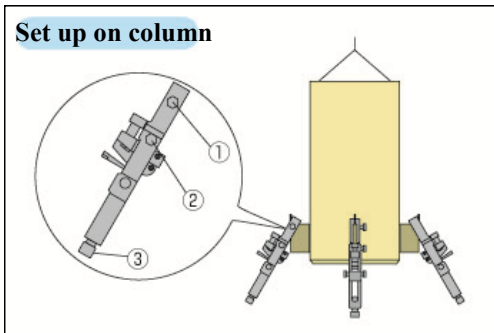
### Reasons for choosing TATEKATA ACE

- (1) Can be used upside down ⇒ Avoids interference
- (2) Adoption of the leverage principle ⇒ Light force operation is possible
- (3) Device & piece ⇒ Top class strength

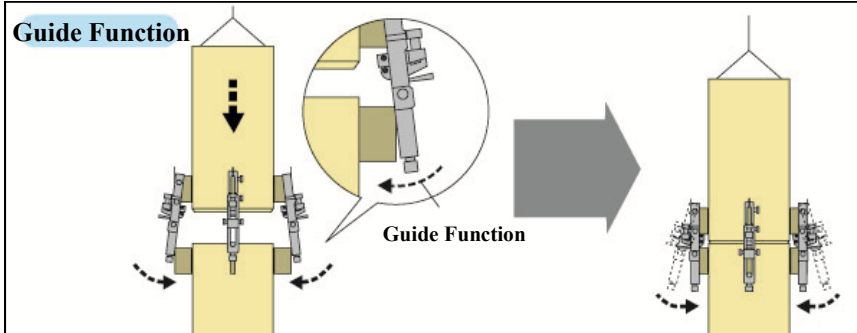


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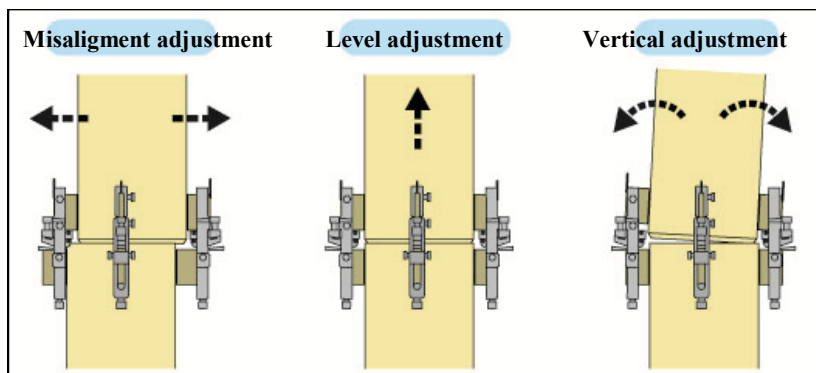
## Installation Sequence



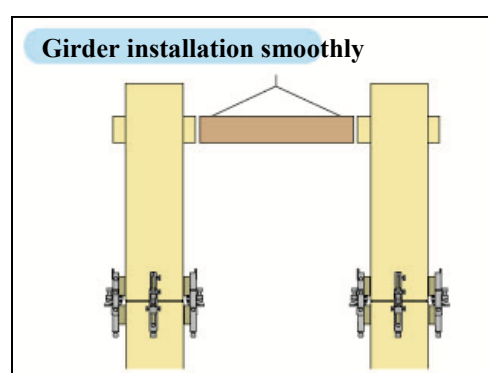
**1** Fix Bolt②, setting up same as fig above.



**2** Release the bolt②, put onto erection piece on lower tier column (Guide Function). Then fix the bolt①② and ③ to prevent falling.

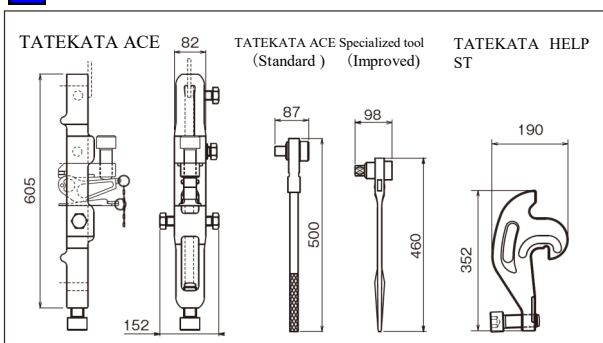


**3** It is possible to adjust the tolerance, verticality and level of column, By using the metering device to ensure high installing accuracy. ※using 3 dimension metering equipment, transit etc can increase the efficiency.



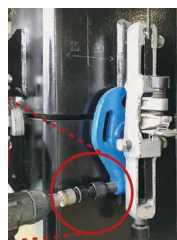
**4** Girder installation may carry on smoothly because the column installed precision is high

## TATEKATA ACE・Specialized tool・TATEKATA HELP ST SPEC.



Weight/TATEKATA-ACE 15.5kg Allowable tension/ 75ton

TATEKATA-Help ST Misalignment Correction Powerful Type!! Impact wrenches can also be used.



TATEKATA ACE

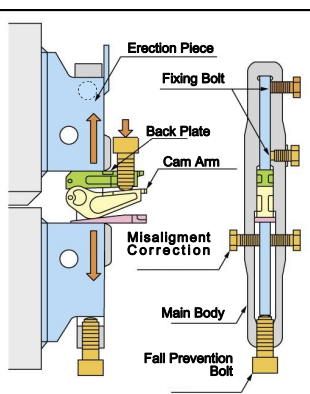
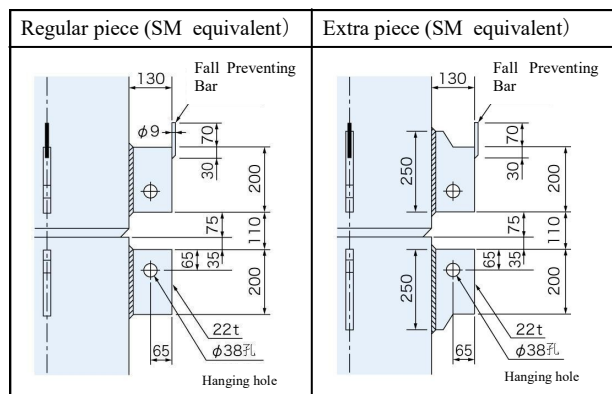


Standard



Improved

TATEKATA ACE Specialized tool



※Product SPEC. in this catalogue maybe changed due to improvement without informing .

ACEUP is our registered trade mark. Any inquiry regarding the product please contact with Division Engineering Department



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