

# CAN BE WORKED AT \*:

## Technical Approach – Inspection head and Automation

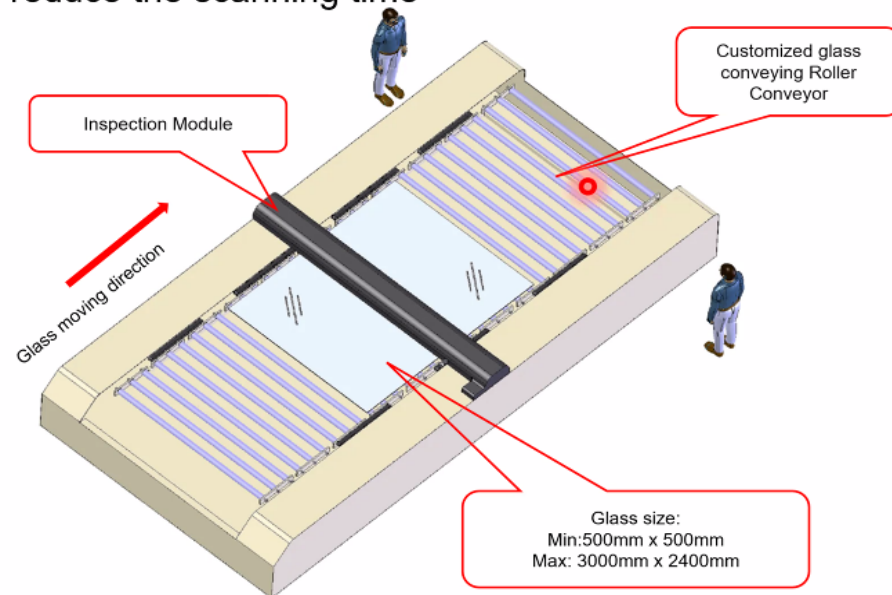
### Glass & Curtain Wall Fab. Plant :

#### Challenge

- Big & heavy Glass & require fast scanning time

#### Solution

- ✓ Horizontal structure ►► Upload and unload easily
- ✓ Multi-Inspection head ►► Improve efficiency and reduce the scanning time



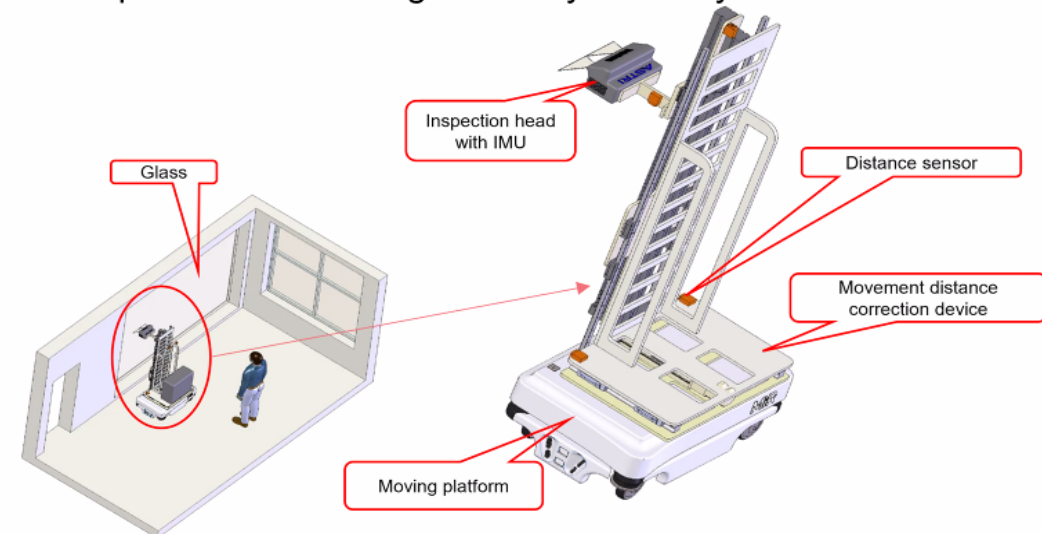
### On-site:

#### Challenge

- Limited door size for entry & uncontrol on-site environment

#### Solution

- ✓ Compact moving platform with disassembled easily Inspection head ►► flexible for moving in on-site environment
- ✓ Position correction modules with variety of sensors and IMU ►► improve the scanning accuracy of the system.



## CAN HAVE PLANTS TO SUIT FOR \*:

### ASTRI proposed for Factory: Semi-auto moving platform for Factory (1/3)

#### Application

Scanning ability: Maximum glass size: 3000mm x 2400 mm

Minimum glass size: 500mm x 500 mm

Application: Glass of mansion (Factory) .

#### System Size and Weight

Equipment size: 6100mm x 2850mm x 500 mm

Total Weight: 800Kg

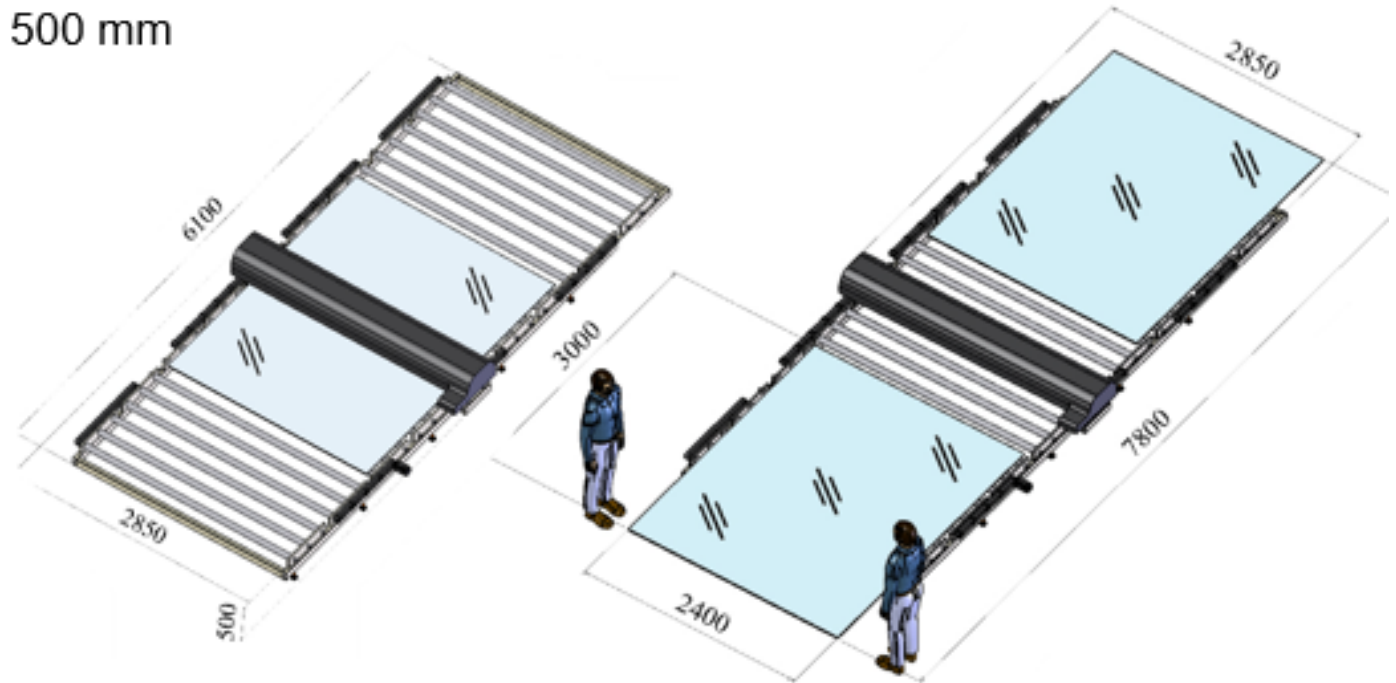
#### Occupy the space size of the factory:

7800mm x 2850mm

#### Estimated Scanning Time:

~7.5min for glass w/o low-E

~13 min for glass w low-E



Size of whole system

Occupy the space size of the factory

## CAN HAVE PLANTS TO SUIT FOR \*:

### ASTRI proposed for Factory: Semi-auto moving platform for Factory (2/3)

#### Flow Chart of Glass Upload and Unload

