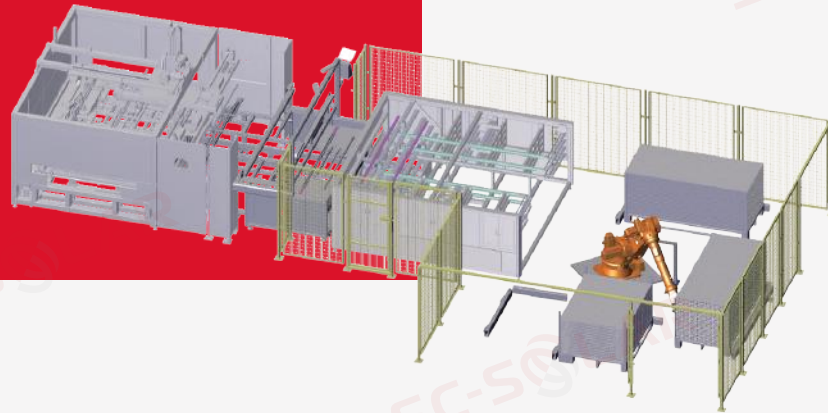# SC-SOLAR

AUTO FRAME LOADER

Features

- Realize automatic detection, grasping, feeding and dividing of the frame;
- Realize unmanned feeding, refueling without stopping, etc;
- Can meet the different requirements of frames, strong compatibility;
- Visual inspection, pick out defective products;
- Cache 70 sets of frames to meet the non-stop refueling;
- Can be manual refueling, compatible with AGV car automatic refueling.

Functionality

- Guided by the visual system, the machine can automatically clamp the frame.
- Under normal circumstances, 8 frames can be gripped at one time, and if there is a big gap between them, the frames can be captured several times in ways that reduce manual intervention.
- The visual system is designed to detect NG frames.
- The machine with buffer capacity of 70 sets of frames has the potential to feed 4 frames at one time to facilate next work station.
- This equipment promises to make the assembly line more automated, thus laying the groundwork for the ongoing unmanned factory.

Specifications

Item	Value
Long frame	1650-2520(mm)
Short frame	990-1450(mm)
Cycle time	≤16s
Compatible B-side frame size	30-35(mm)
Power requirement	AC380V±5%, 3P+1N+1PE, 20A, 50/60Hz
Power	15kW
Air pressure	0.6-0.8(MPa)
Noise	≤70dB
Dimension(L×W×H)	6000*5000*4000(mm)
Weight	about 2500kg