

## HIGH PERFORMANCE TABBING MACHINE

# **DF-2 TABBING MACHINE**

*HIGH SPEED & AUTOMATIC  
ADAPTABLE TO THIN CELL*

This machine automatically interconnects both surfaces of solar cells with solder coated ribbons after flux applied (PAT). By unique original design in each part, the cell breakage ratio is dramatically reduced and the minimum process time has established. The design also succeeds in the connection of Pb free solder ribbon material with minimum mechanical stress to the cell substrates.



|                           |  |                       |
|---------------------------|--|-----------------------|
| Cell type                 | Single- or Multi-crystalline silicon solar cell                          |                       |
| Cell dimension            | 5 inch, 6 inch-2busbar   | Stock number of cells |
| cells/coin-stack cassette | x 3 cassettes = 900 cells total  | 300                   |
| Stock number of strings   | 6 strings/tray x 10 trays = 60 strings total                             |                       |
| Performance               | ① High-speed processing of 500 - 550 cells / hour                        |                       |
|                           | ① Low temperature connection process and the suction conveyer (PAT)      |                       |
|                           | ⑤ Cell breakage ratio of less than 0.5% (cell thickness more than 180µm) |                       |
|                           | ① Connection of Pb free-solder ribbon is available                       |                       |

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