

# Self-lifting Stacker

- SD05 series are semi-electric type with Electric Lifting & Manual Moving.
- SFS10 series are full electric type with Electric Lifting & Electrical Moving.
- Capacity: 500Kg and 1000Kg.
- Max. Lifting Height: 1000, 1100, 1300, 1500mm.

- Very easy to be transported with vehical.
- Especially helpful to logistic companies, which need to load and unload cargos under 1000Kg frequently.
- FEATURES:
- Double linkage cylinder assembly, locking and lifting movement
- Four position three way valve oil circuit control system, the lifting rod and the fork linkage, the cylinder body and the body door seat linkage.
- When the movable door base and the fork are moving relatively, a component is necessary to support the positioning and the positioning of the ground or the carriage
- Lightweight design, the force balance fulcrum in the edge of the fork head to increase the weight, tail frame post weight main parts by use of drawing and flanging technology, reliable stress, ensure the strength
- The movable door seat assembly with swing guide wheel that pushes the body smoothly into the compartment, convenient maintenance and adjustment



SD0513



SFS1013



SD0513

| Model       |                      | SD0513  |                               |  |  |  |
|-------------|----------------------|---------|-------------------------------|--|--|--|
|             | Operating Mode       | Q(KG)   | electric lift and manual move |  |  |  |
|             | Rated Load           | h3(mm)  | 500                           |  |  |  |
|             | Maximum Fork Height  | mm      | 1300                          |  |  |  |
|             | Minimum Fork Height  | mm      | 90                            |  |  |  |
|             | Outside Fork Width   | mm      | 535                           |  |  |  |
|             | Inside Fork Width    | l(mm)   | 225                           |  |  |  |
|             | Fork Length          | C(mm)   | 1150                          |  |  |  |
| Basic       | Load Centre Distance |         | 400                           |  |  |  |
|             | Wheel Material       |         | PU                            |  |  |  |
|             | Wheelbase            | y(mm)   | 860                           |  |  |  |
|             | Front Wheel Spacing  | b11(mm) | 380                           |  |  |  |
| Wheels      | Rear Wheelbase       | b10(mm) | 670                           |  |  |  |
|             | Load Wheel Size      | mm      | Φ70×60                        |  |  |  |
|             | Steering Wheel Size  | mm      | Φ100×50                       |  |  |  |
|             | Counterbalance Wheel | mm      | Φ40×26                        |  |  |  |
|             | Counterbalance Wheel | mm      | Φ30×26                        |  |  |  |
| Dimensions  | Individual Fork Size | e/s(mm) | 155/60                        |  |  |  |
|             | Overall Length       | L1(mm)  | 1600                          |  |  |  |
|             | Overall Width        | b1(mm)  | 790                           |  |  |  |
|             | Min. Overall Height  | h1(mm)  | 1600                          |  |  |  |
|             | Max. Overall Height  | h4(mm)  | 2900                          |  |  |  |
|             | Min. Turning Radius  | Wa(mm)  |                               |  |  |  |
| Performance | Max. Lifting Speed   | mm/s    | 80/110(full/no load)          |  |  |  |
|             | Max. Descent Speed   | mm/s    | 80/80(full/no load)           |  |  |  |
| Electrical  | Drive Motor          | V/Kw    | --                            |  |  |  |
|             | Lifting Motor        | V/Kw    | 12/0.8                        |  |  |  |
|             | Battery Capacity     | V/Ah    | 12/33                         |  |  |  |
| Weight      | Self Weight          | Kg      | 219                           |  |  |  |