



## 3-Wheel double drive lithium forklift

### LE18/20

#### ❖ Lithium Battery System

Equipped with 76.8V 230Ah lithium battery, supporting 4 hrs of continuous operation.

#### ❖ Santroll AC Intelligent Control System

Advanced Santroll controller regulates all required functions and settings to assure the AC motor's best efficiency and performance.

#### ❖ Dual AC front wheel drive

it provide powerful travel and turning performance even in the most undesirable floor conditions.

#### ❖ Excellent Safety and Reliability

Emergency power cut-off can ensure prompt emergency stop of the forklift under dangerous circumstance.



Ergonomic Design



Powerful Battery



Robust Design



Easy Maintenance



High Performance



Low Noise



Wide mast vision for safe operation



With integrated hydraulic lever, comfortable and precise



Suitable for various height-limited areas



Ultra-small turning radius, flexible & efficient



| Technical parameters |                                                   |        |            |             |
|----------------------|---------------------------------------------------|--------|------------|-------------|
| 1                    | Forklift model                                    |        | Stein-LE18 | Stein-LE20  |
| 2                    | Load capacity                                     | kg     | 1800       | 2000        |
| 3                    | Load centre                                       | mm     | 500        | 500         |
| 4                    | Load distance                                     | mm     | 377        | 377         |
| 5                    | wheelbase                                         | mm     | 1400       | 1400        |
| 6                    | Service weight incl. battery                      | kg     | 3283       | 3483        |
| 7                    | Type of tyre                                      |        | Solid,2×/2 | Solid,2×/2  |
| 8                    | Tyres size,front                                  |        | 18×7-8     | 200/50-10   |
| 9                    | Tyres size,rear                                   |        | 140/55-9   | 140/55-9    |
| 10                   | Track width,front /rear                           | mm     | 905/210    | 936/210     |
| 11                   | Mast tilt angle F/R                               | degree | 5/5        | 5/5         |
| 12                   | Lowered mast height                               | mm     | 1995       | 1995        |
| 13                   | Free lift                                         | mm     | 100        | 100         |
| 14                   | Lift height                                       | mm     | 3000       | 3000        |
| 15                   | Extended mast height                              | mm     | 4054       | 4054        |
| 16                   | Overhead guard height                             | mm     | 1984       | 1984        |
| 17                   | Seat height/standing height                       | mm     | 1017       | 1017        |
| 18                   | Overall length                                    | mm     | 3075       | 3075        |
| 19                   | Length to face of forks                           | mm     | 2025       | 2025        |
| 20                   | Overall width                                     | mm     | 1076       | 1076        |
| 21                   | Fork dimensions                                   | mm     | 40/100/920 | 40/120/1070 |
| 22                   | Fork carriage width                               | mm     | 1040       | 1040        |
| 23                   | Ground clearance,laden,under mast                 | mm     | 90         | 90          |
| 24                   | Ground clearance,centre of wheelbase              | mm     | 110        | 110         |
| 25                   | Aisle width for pallets 1000×1200 crossways       | mm     | 3320       | 3320        |
| 26                   | Aisle width for pallets 800×1200 lengthways       | mm     | 3446       | 3446        |
| 27                   | Turning radius                                    | mm     | 1641       | 1641        |
| 28                   | Travel speed, laden/unladen                       | km/h   | 14/15      | 13/15       |
| 29                   | Lift speed,laden/unladen                          | m/s    | 0.35/0.42  | 0.32/0.40   |
| 30                   | Lowering speed,laden/unladen                      | m/s    | 0.43/0.45  | 0.43/0.45   |
| 31                   | Max.draw bar pull, laden/unladen                  | N      | 14000      | 16000       |
| 32                   | Max.Gradients performance, laden/unladen          | %      | 15/17      | 15/17       |
| 33                   | Service brake                                     |        | Hydraulic  | Hydraulic   |
| 34                   | Drive motor power, dual motor                     | kW     | AC 5*2     | AC 5*2      |
| 35                   | Lift motor power                                  | kW     | AC 13      | AC 13       |
| 36                   | Battery type                                      |        | Lithium    | Lithium     |
| 37                   | Battery voltage / capacity                        | V/Ah   | 76.8V230Ah | 76.8V230Ah  |
| 38                   | Charger / Charging time                           |        | 70A/2hours | 70A/2hours  |
| 41                   | Operating pressure for attachments                | MPa    | 17.5       | 17.5        |
| 42                   | Sound level at driver's ear according to EN 12053 | dB(A)  | 73         | 73          |