

|                 |                                   | Model  | EST35           |   |       |
|-----------------|-----------------------------------|--|-----------------|---|-------|
| characteristics | 1.1                               | Mast Type  |                 | Triplex & free lift                             |       |
|                 | 1.2                               | Q capacity   | lb              | 3500  |       |
|                 | 1.3                               | C load center  | in              | 24  |       |
|                 | 1.4                               | operator type  |                 | walkie(rider option)                            |       |
|                 | 1.5                               | EPS (electric power steering)                                |                 | standard equipped                               |       |
| specifications  | 2.1                               | H optional maximum lifting height                            | in              | 157/179/185/197                                 |       |
|                 | 2.2                               | H <sub>3</sub> Freelift height(Lifting height 98.5/118/130)  | in              | 60/64/65.8/70                                   |       |
|                 | 2.3                               | H <sub>7</sub> lowered height of fork                        | in              | 2.2   |       |
|                 | 2.4                               | L standard fork length                                       | in              | 42  |       |
|                 | 2.5                               | B <sub>1</sub> standard fork width                           | in              | Adjustable (maximum 32)                         |       |
|                 | 2.6                               | Wa minimum turning radius                                    | in              | 64  |       |
|                 | 2.7                               | A <sub>T</sub> minimum aisle width                           | in              | 88  |       |
|                 | 2.8                               | H <sub>6</sub> minimum ground clearance                      | in              | 2   |       |
| performance     | 3.1                               | maximum traveling speed                                      | Laden           | mph   | 2/3.7 |
|                 |                                   |  | unladen         | mph   | 2.2/4 |
|                 | 3.2                               | maximum lifting speed  | Laden           | fpm   | 25.8  |
|                 |                                   |  | unladen         | fpm   | 45.6  |
|                 | 3.3                               | maximum lowering speed                                       | Laden           | fpm   | 25.8  |
|                 |                                   |  | unladen         | fpm   | 45.6  |
|                 | 3.4                               | gradeability   | Laden           | %   | 5     |
|                 |                                   |  | unladen         | %   | 7     |
| weight          | 4.1                               | service weight without battery                               | lb              | 3067  |       |
|                 | 4.2                               | service weight with battery                                  | lb              | 3582  |       |
| chassis         | 5.1                               | L <sub>1</sub> overall length (118" standard)                | in              | 81.7/98(with platform)                          |       |
|                 | 5.1                               | L <sub>3</sub> Length from rear body to straddle leg end     | in              | 68.2  |       |
|                 | 5.2                               | B Fixed straddle leg OD                                      | in              | 58  |       |
|                 | 5.2                               | B <sub>4</sub> Fixed straddle leg ID                         | in              | 50  |       |
|                 | 5.3                               | B Straddle leg OD  | in              | 58  |       |
|                 | 5.3                               | B <sub>4</sub> Straddle leg ID                               | in              | 52  |       |
|                 | 5.4                               | H <sub>5</sub> height of the arm in drive position min./max. | in              | 44.9/57   |       |
|                 | 5.5                               | L <sub>2</sub> rear body length                              | in              | 34.9  |       |
|                 | 5.5                               | B <sub>2</sub> rear body width                               | in              | 33.5  |       |
|                 | 5.5                               | H <sub>4</sub> rear body height                              | in              | 32.3  |       |
| 5.6             | B <sub>3</sub> handle width       | in   | 17              |   |       |
| 5.7             | H <sub>2</sub> mast extend height | in   | 181/201/211/221 |   |       |
| 5.8             | H <sub>1</sub> mast lower height  | in   | 75/82/84/88     |   |       |
| wheel           | 6.1                               | wheel type front/rear  |                 | PU  |       |
|                 | 6.2                               | wheels   |                 | 1*Driven wheel,2*Universal wheel, 4*Front wheel |       |
|                 | 6.3                               | D <sub>2</sub> dimension of driven wheel                     | in              | ∅ 9.8*3   |       |
|                 | 6.4                               | D <sub>1</sub> dimension of load wheel                       | in              | ∅ 3.3*2.3                                       |       |
|                 | 6.5                               | D dimension of universal wheel                               | in              | ∅ 4.5*2.2                                       |       |
|                 | 6.6                               | Y wheel base   | in              | 54  |       |
| driving system  | 7.1                               | brake type   |                 | electromagnetic                                 |       |
|                 | 7.2                               | traveling motor  | kw              | 1.5 AC  |       |
|                 | 7.3                               | lifting motor  | kw              | 3.0 DC  |       |
|                 | 7.4                               | voltage  | V               | 24  |       |
|                 | 7.5                               | battery capacity/type  | Ah              | 280Ah/industry                                  |       |
|                 | 7.6                               | maximum battery box size(L*W*H)                              | in              | 25.6*9.8*21.6                                   |       |
|                 | 7.7                               | control system   |                 | CURTIS 1230-200A                                |       |