

# EP 20-30 SERIES

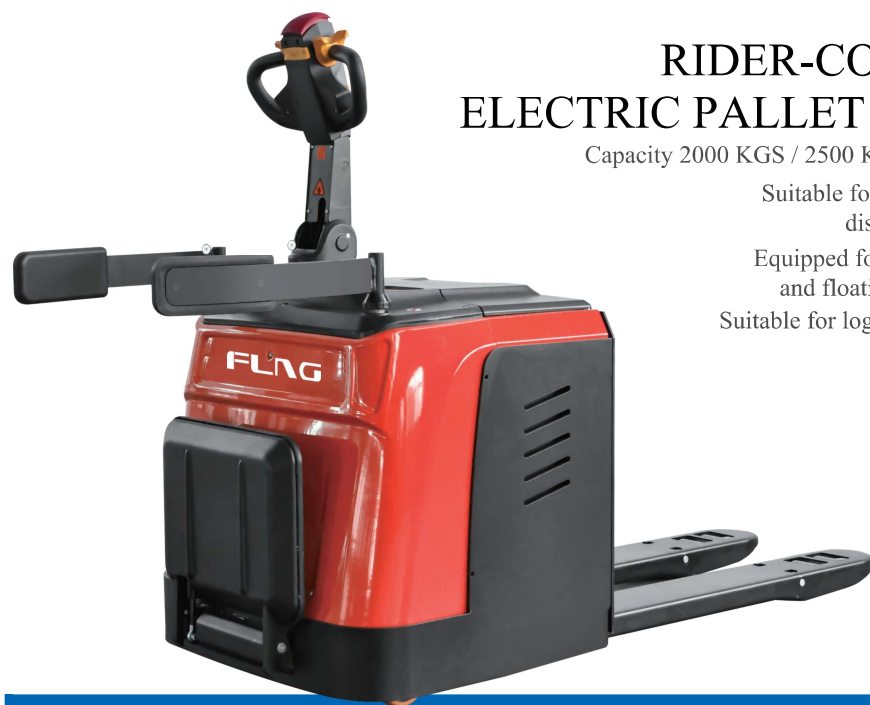
## RIDER-CONTROL ELECTRIC PALLET TRUCK

Capacity 2000 KGS / 2500 KGS / 3000 KGS

Suitable for heavy and long  
distance operations

Equipped foldable platforms  
and floating drive wheels

Suitable for logistics companies



Emergency reverse

Horn

Lifting & Lowering

Drive control

Turtle speed



Emergency switch  
Battery indicator

## Technical Specification

|                     | Model                                              |            | EP20            | EP25 | EP30 |
|---------------------|----------------------------------------------------|------------|-----------------|------|------|
| Distinguishing mark | 1.3 Power(battery,diesel,petrol gas>manual)        |            | Battery         |      |      |
|                     | 1.4 Operator type                                  |            | Pedestrian      |      |      |
|                     | 1.5 Load capacity / Rated load                     | Q(t)       | 2               | 2.5  | 3    |
| Weight              | 1.6 Load centre distance                           | C (mm)     | 600             |      |      |
|                     | 1.8 Load distance ,centre of drive axle to fork    | X (mm)     | 960             |      |      |
|                     | 1.9 Wheelbase                                      | Y (mm)     | 1500            |      |      |
| Tires, chassis      | 2.1 Service weight                                 | kg         | 625             |      |      |
|                     | 2.2 Axle loading, laden front/rear                 | kg         | 1095/1633       |      |      |
|                     | 2.3 Axle loading, unladen front/rear               | kg         | 497/124         |      |      |
| Dimensions          | 3.1 Tires                                          |            | PU              |      |      |
|                     | 3.2 Tire size, front                               | Ø×w (mm)   | Ø 250×80        |      |      |
|                     | 3.3 Tire size, rear                                | Ø×w (mm)   | Ø 80×70         |      |      |
| Performance         | 3.4 Additional wheels(dimensions)                  | Ø×w (mm)   | Ø 115×55        |      |      |
|                     | 3.5 Wheels, number front/rear(x=driven wheels)     |            | 1x2/4           |      |      |
|                     | 3.6 Tread, front                                   | b10 (mm)   | 625             |      |      |
| Motors              | 3.7 Tread, rear                                    | b11 (mm)   | 385/510         |      |      |
|                     | 4.4 Lift height                                    | h3 (mm)    | 120             |      |      |
|                     | 4.9 Height of tiller in drive position min. / max. | h14 (mm)   | 1030/1430       |      |      |
| Additional data     | 4.15 Height, lowered                               | h13 (mm)   | 85              |      |      |
|                     | 4.19 Overall length                                | l1 (mm)    | 1930            |      |      |
|                     | 4.20 Length to face of forks                       | l2 (mm)    | 780             |      |      |
| Additional data     | 4.21 Overall width                                 | b1 (mm)    | 820             |      |      |
|                     | 4.22 Fork dimensions                               | s/e/l (mm) | 50/176/1150     |      |      |
|                     | 4.25 Distance between fork-arms                    | b5 (mm)    | 560/685         |      |      |
| Additional data     | 4.32 Ground clearance, centre of wheelbase         | m2 (mm)    | 30              |      |      |
|                     | 4.33 Aisle width for pallets 1000 x 1200 crossways | Ast (mm)   | 2550            |      |      |
|                     | 4.34 Fork dimensions                               | Ast (mm)   | 2415            |      |      |
| Additional data     | 4.35 Turning radius                                | Wa (mm)    | 1750            |      |      |
|                     | 5.1 Travel speed, laden/ unladen                   | km/h       | 5.5/5.8         |      |      |
|                     | 5.2 Lift speed, laden/ unladen                     | m/s        | 0.04/0.05       |      |      |
| Additional data     | 5.3 Lowering speed, laden / unladen                | m/s        | 0.06/0.05       |      |      |
|                     | 5.8 Gradeability, laden/ unladen                   | %          | 8/20            |      |      |
|                     | 5.10 Service brake                                 |            | Electromagnetic |      |      |
| Additional data     | 6.1 Drive motor rating S2 60min                    | kw         | 1.5             | 1.5  | 2.2  |
|                     | 6.2 Lift motor rating at S3 10%                    | kw         | 2.2             |      |      |
|                     | 6.3 Battery acc. to DIN 43531 /35 / 36 A, B, C, no |            | \               |      |      |
| Additional data     | 6.4 Battery voltage, nominal capacity K5           | V/Ah       | 24/210(270)     |      |      |
|                     | 6.5 Battery weight (minimum)                       | kg         | 200/260         |      |      |
|                     | 6.6 Energy consumption acc. to VDI cycle           | KWh/h      | \               |      |      |
| Additional data     | 8.1 Type of drive control                          |            | AC              |      |      |
|                     | 8.4 Sound level at driver's ear acc. to EN 12053   | dB(A)      | ≤70             |      |      |

