

## TAVOL Diesel Forklift CPCD-20H Technical Specifications

|             |    |                                                    |                                          |     |        |              |
|-------------|----|----------------------------------------------------|------------------------------------------|-----|--------|--------------|
| summary     | 1  | Manufacturer                                       |                                          |     |        | TAVOL        |
|             | 2  | Model                                              |                                          |     |        | CPCD20-00    |
|             | 3  | Powertrain type                                    |                                          |     |        | diesel       |
|             | 4  | Rated load                                         |                                          |     | Kg     | 2000         |
|             | 5  | Load center                                        |                                          |     | mm     | 500          |
| dimensions  | 6  | Lifting height                                     | H                                        | mm  |        | 4000         |
|             | 7  | Free lift height                                   | H7                                       | mm  |        | 68           |
|             | 8  | Fork dimensions                                    | L4×W4×H6                                 | mm  |        | 1070×122×40  |
|             | 9  | Mast tilt angle                                    | front/rear                               | deg |        | 6/12         |
|             | 10 | Front overhang                                     | L2                                       | mm  |        | 435          |
|             | 11 | Rear overhang                                      | L3                                       | mm  |        | 470          |
|             | 12 | Overall dimensions                                 | Overall vehicle length (excluding forks) |     | mm     | 2600         |
|             | 13 |                                                    | Overall vehicle width                    | W1  | mm     | 1165         |
|             | 14 |                                                    | The height of the mast when not raised   | H1  | mm     | 2560         |
|             | 15 |                                                    | Overhead guard height                    | H3  | mm     | 2105         |
|             | 16 | Minimum turning radius                             |                                          | R   | mm     | 2320         |
|             | 17 | Minimum right-angle aisle width (1000×1200 pallet) |                                          | Ast | mm     | 4075         |
| performance | 18 | speed                                              | Travel speed (fully loaded)              |     | Km/h   | 18/20        |
|             | 19 |                                                    | Lifting speed (full load)                |     | mm/sec | 490          |
|             | 20 |                                                    | Descent speed (full load)                |     | mm/sec | 450          |
|             | 21 | Maximum Tractive Force (Fully Loaded)              |                                          |     | N      | 14500        |
|             | 22 | Maximum gradeability (fully loaded/unloaded)       |                                          |     | %      | 15/20        |
| 底盘          | 23 | Tire specifications                                | Front wheel                              |     | mm     | 7.00-12-12PR |
|             | 24 |                                                    | rear wheel                               |     | mm     | 6.00-9-10PR  |
|             | 25 | Track width                                        | Front wheel                              | W2  | mm     | 970          |

|                           |    |                     |                              |                  |      |                                 |
|---------------------------|----|---------------------|------------------------------|------------------|------|---------------------------------|
|                           | 26 |                     | rear wheel                   | W3               | mm   | 970                             |
|                           | 27 | Wheelbase           |                              | L1               | mm   | 1650                            |
|                           | 28 | Ground clearance    | At the gantry                | H4               |      | 110                             |
|                           | 29 |                     | At the frame                 | H5               |      | 110                             |
| weight                    | 30 | weight              |                              |                  | Kg   | 3500                            |
| Powertrain and Drivetrain | 31 | Storage battery     |                              | Voltage/Capacity | V/Ah | 12/80                           |
|                           | 32 |                     |                              | brand            |      | QUANCHAI                        |
|                           | 33 | engine              | model                        | chinaIV          |      | 4D29V41/V29-V034                |
|                           | 34 |                     |                              | china II         |      | QC490GP/C02-C009                |
|                           | 35 |                     | Rated Power/Speed (China IV) |                  | kw   | 36.8/2500                       |
|                           | 36 |                     | Rated Power/Speed (China II) |                  | kw   | 36.8/2650                       |
|                           | 37 |                     | Engine displacement          |                  | L    | 2.9 ( chinaIV ) /2.7(china II ) |
|                           | 38 |                     | Rated torque/speed           |                  | N.m  | 160/1800                        |
|                           | 39 |                     | Fuel consumption             |                  | L/H  | 3.5                             |
|                           | 40 |                     | Number of cylinders          |                  |      | 4                               |
|                           | 41 |                     | Fuel tank capacity           |                  | L    | 70                              |
|                           | 42 | Transmission        | type                         |                  |      | Manual hydraulic gear shifting  |
|                           | 43 |                     | Gear / Gear position         | Forward/Backward |      | 1/1                             |
|                           | 44 | Work-related stress |                              |                  | Mpa  | 17.5                            |