

# TECHNOLOGIES SPECIFICATIONS

| Vehicle type  | CA1041  | CA5040   | CA1040   | CA1040   | CA1040   |                       |
|---|---|--|--|--|--|-----------------------|
| Drive mode  | 4X2   | 4X2  | 4X2  | 4X2  | 4X2  |                       |
| Cab   | Tiger VR single-bank  | Tiger VR single-bank                                 | Tiger VR single-bank                                 | Tiger VR single-bank                                 | Tiger VR single-bank                                 |                       |
| Engine  | Model   | YUNNEI 490QZL  | YUNNEI 490QZL  | WEICHAI WP2.3NQ110E20                                | WEICHAI WP2.3NQ110E50                                | WEICHAI WP2.3NQ110E50 |
|   | Displacement (L)  | 2.672  | 2.672  | 2.29   | 2.29   | 2.29                  |
|   | Maximum power (hp)  | 80   | 80   | 110  | 110  | 110                   |
|   | Rated speed (rpm)   | 3,200  | 3,200  | 3,200  | 3,200  | 3,200                 |
|   | Maximum torque/speed (Nm/rpm)   | 206/2000-2200  | 206/2000-2200  | 280/1400-2400  | 280/1400-2400  | 280/1400-2400         |
|   | Emission  | Euro II  | Euro II  | Euro II  | Euro V   | Euro V                |
| Transmission  | Model   | WLY MG85   | WLY MG85   | WLY MG85B  | WLY MG85B  | WLY MG85B             |
|   | Form/number of gears  | Manual/5   | Manual/5   | Manual/5   | Manual/5   | Manual/5              |
| Front axle load (kg)  | 1500  | 1500   | 1500   | 1500   | 1500   |                       |
| Front suspension  | Parabolic springs   | Parabolic springs                                    | Parabolic springs                                    | Parabolic springs                                    | Parabolic springs                                    |                       |
| Rear axle load (kg)   | 3,000   | 3,000  | 3000   | 3000   | 3000   |                       |
| Rear suspension   | Multiple leaf spring  | Parabolic springs                                    | Parabolic springs                                    | Multiple leaf springs                                | Multiple leaf springs                                |                       |
| Rear axle model/speed ratio                                     | 130 punching-welded bridge (speed ratio 5.125)-Sugon                                  | 130 punching-welded bridge (speed ratio 5.125)-Sugon | 130 punching-welded bridge (speed ratio 5.125)-Sugon | 130 punching-welded bridge (speed ratio 5.125)-Sugon | 130 punching-welded bridge (speed ratio 5.125)-Sugon |                       |
| Wheel base (mm)   | 3,300   | 2,800  | 2,500  | 2,800  | 2,500  |                       |
| Vehicle frame (width*panel height*flank height/plate thickness) | 760*150*60*4  | 760*150*60*4   | 760*150*60*4   | 760*150*60*4   | 760*150*60*4   |                       |
| Tire  | 6.50R1610   | 6.50R1610  | 6.50R1610  | 6.50R1610  | 205/85R16 12   |                       |
| Brake system  | Front and rear independent dual-circuit air brake, drum-type brake, with optional ABS |  |  |  |  |                       |