

2<sup>nd</sup> generation trucks

## 8×4 Diesel Truck

Engine power(HP)

462hp

Body volume

36/40/48/55m<sup>3</sup>

Axles

9.5t + 16t



## 6×4 Diesel Truck

Engine power(HP)

340/400/462hp

Body volume

14/24/28/31/38/46m<sup>3</sup>

Axles

9/9.5t + 16t



| Model                    | 8×4                                                                  | 6×4                                                                                                      |                                  |                         |
|--------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|
|                          | SYZ436C-9S(R)<br>SYZ440C-8S(R)<br>SYZ448C-9S(R)<br>SYZ455C-8S(R)     | SYZ320C-8S(R)<br>SYZ328C-8S(R)<br>SYZ331C-8S(R)<br>SYZ334C-8S(R)<br>SYZ338C-8S(R)<br>SYZ346C-8S(R)       | SYZ324C-8Y(R)<br>SYZ328C-8Y(R)   | SYZ324C-8S              |
| Scenario                 | Nickel mine(436)<br>Coal mine(oth.)                                  | OB (320)<br>Nickel mine(328)<br>Coal mine(oth.)                                                          | Nickel mine                      | Urban<br>Construction   |
| Curb weight(kg)          | 22500                                                                | 18000                                                                                                    | 16200                            | 15200                   |
| GVW(kg)                  | 66000                                                                | 55000                                                                                                    | 55000                            | 24000                   |
| Frame(mm)                | 8+8+4                                                                | 8+8+4                                                                                                    | 8+8(+4)                          | 8+6                     |
| Wheel Base(mm)           | 2000+3350+1500<br>2000+3950+1500<br>2000+4850+1500                   | 4150+1500<br>5150+1500                                                                                   | 4000+1400<br>4200+1400           | 4200+1400               |
| Engine                   | DEUTZ<br>D12C3-462E1                                                 | DEUTZ<br>D12C5-462E1                                                                                     | Yuchai<br>YC6MK400-33            | DEUTZ<br>D09C5-340E3    |
| Displacement(L)          | 12.12                                                                | 12.12                                                                                                    | 10.338                           | 8.7                     |
| Rated Power              | 340kw/1900rpm                                                        | 340kw/1900rpm                                                                                            | 290kw/1900rpm                    | 250kw/1900rpm           |
| Maximun Torque           | 2200Nm/1100-<br>1400rpm                                              | 2200Nm/1000-<br>1400rpm                                                                                  | 1800Nm/1000-<br>1500rpm          | 1570Nm/1000-<br>1500rpm |
| Emission Standard        | Euro III                                                             | Euro III                                                                                                 | Euro II                          | Euro V                  |
| Gear Box                 | 12JSDX240T-B                                                         | 12JSDX240T-B                                                                                             | 12JSDX200T-B                     | 12JSD160TA              |
| Front Axle               | 9.5t                                                                 | 9.5t                                                                                                     | 9.5t                             | 9t                      |
| Rear Axle                | 16t                                                                  | 16t                                                                                                      | 16t                              | 16t                     |
| Cab                      | SANY CB329                                                           | SANY CB329                                                                                               | SANY CB329                       | SANY CB329              |
| Tire                     | 12.00 R24                                                            | 12.00R24                                                                                                 | 12.00R20                         | 11.00R20                |
| Fuel Tank                | 400L                                                                 | 400L                                                                                                     | 300L/400L                        | 300L                    |
| Body Capacity            | 36/40/48/55m <sup>3</sup>                                            | 20/28/31/34/38/46m <sup>3</sup>                                                                          | 24/28m <sup>3</sup>              | 14m <sup>3</sup>        |
| Body Inner Dimension(mm) | 7200×2500×2000<br>8000×2500×2000<br>8800×2500×2200<br>8800×2600×2400 | 5800×2300×1600<br>6200×2500×1800<br>6200×2500×2000<br>6200×2500×2200<br>7200×2500×2100<br>7400×2600×2400 | 5800×2300×1800<br>6200×2500×1800 | 6000x2300x1000          |
| Body shape               | U shape(36m <sup>3</sup> )<br>Rectangular(oth.)                      | U shape(20/28m <sup>3</sup> )<br>Rectangular(oth.)                                                       | U shape                          | Rectangular             |
| Hydraulic retarder       | ●                                                                    | ●                                                                                                        | —                                | ●                       |

## Highest reliability in the industry

### Larger Cargo-Box 大方量货箱

Upgrade large-capacity cargo boxes across all scenarios and series, **4-6m<sup>3</sup>** **larger** than competitors, **Increase Revenue by 10%**

升级大方量货箱，同平台较竞品大4-6m<sup>3</sup>，运营收益提升约10%



### High-performance Power System 高性能动力系统

Equipped with a high-performance, high-torque DEUTZ & Yuchai engine and **12-speed** gearbox delivering up to 1570~2200Nm and can offer **340~462hp**, and operates smoothly and efficiently with minimal fluctuations, **10~15% larger** than competitors

道依茨&玉柴大马力发动机，340~462hp动力+12档变速器，高性能强动力，领先竞品10~15%



### Excellent axles 高品质承载桥



The assembly boasts a lifespan of up to 1.8 million kilometers, with reliability ranking among the highest globally, exceeding the industry standard by 1.5 times  
总成寿命超180万公里，可靠性全球领先

## Advanced configurations

### Higher safety: Hydraulic retarder 缓速器辅助制动,更安全

- Parallel-connected Retarders: Maximum Braking Torque 4000N.m, Auxiliary Braking Efficiency Doubled
- Equipped with a constant-speed function to enhance **safety**
- **Increased 60%+** service life of brake drums and brake linings



缓速器并联，辅助制动效率提升100%，具备恒速功能，安全性大幅提升；同时制动鼓、摩擦片使用寿命提升60%+

### Novel Design 全新造型



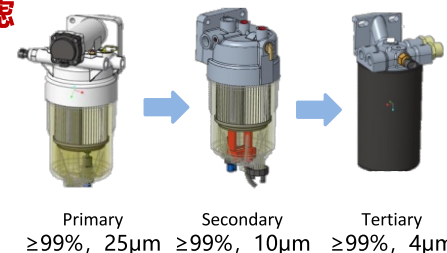
- New Design, Tech-power Aura
- Modular Body Design, **structural strength increased by 30%**

驾驶室全新造型&模块化设计，可靠性提升30%

### Triple Diesel Filtration 三级油滤

**Filters over 99% of particles above 4μm**, delivering enhanced adaptability to biodiesel applications.

三级柴滤，可过滤99%以上4um颗粒。  
适应生物质柴油



### R24 High-load Mining Tires R24 高承载矿用轮胎

**Improve mud-road passability** and tire load-bearing capacity, reduce tire blowouts  
提升泥泞道路通过性，提升轮胎承载能力，减少爆胎

