**XCMG DG100 Fire Truck

 DG100 Aerial Platform Fire Truck is a large multifunctionalfirefighting equipment that integrates aerial platform firetruck, water tower fire truck and foam fire truck. Max. workingheight is 102m, suitable for rescuing, aerial working andfirefighting on high-rise constructions above 30-storey.**

**Excellent rescuing performance**

**Offset combined boom system is available, max. workingheight is 102m, max. working radius is 27m.Excellent obstacle bridging capacity in the height, max.obstacle bridging capacity is 27m.Large span outrigger with multiple safe locking functionenables the vehicle have good anti-overturning ability.**

**Efficient firefighting performance**

**Special pressure adaptation control technology of firemonitor of large water tower fire truck is available,ensuring s table and efficient monitor e jection, s mallfluctuation of pipeline pressure and no impact.Vehicle-mounted fire water pump with large flow and highpressure, when fire monitor is at 100m height, 80m strokeof 50l/s flow can be achieved.Automatic positive pressure foam mixing system realizesexact proportioning of A/B category foam in hundredmeter class aeria l platform fire trucks, making itsfirefighting efficiency and adaptability leading in the world.**

**Flexible and powerful traveling performance**

**Engine power is 404 kW, specific power is leading in theworld, with the features of strong power; abundant powerstorage and powerful firefighting capability are available.**

**Reliable safeguard design**

**Reliable transfer and process of control information areachieved based on control system of d ouble-controllerp r o c e s s , d o u b l e - s e n s o r t e s t i n g a n d d o u b l e - b u scommunication.Intelligent guiding operation system and 32 safetyprotection devices make up of complete safeguard system,leading in the world.

 [Product Parameter]**

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| **Item** | **Unit** | **Parameters** |
| **Max. working height** | **m** | **102** |
| **Max.working radius** | **m** | **27** |
| **Rated platform load**  | **kg** | **400** |
| **Water monitor** | **Rated flow** | **L/s** | **50** |
| **Stroke** | **m** | **80** |
| **Item** | **Parameter** |
| **Model** | **XZJ5640JXFDG100** |
| **Outline dimension (L×W×H, mm)** | **17000×2550×3960** |
| **Rated working height (m)** | **100,-10** |
| **Max. working radius (m)** | **27m (400kg)** |
| **Rated load of platform (kg)** | **400** |
| **Chassis model and specification** | **Benz 6555, 12X4\*8** |
| **Engine power and emission** | **404 kw, Euro IV emission** |
| **Wheel base (m)** | **1.7+3.3+1.35+1.35+1.45** |
| **Max. total mass (kg)** | **64500** |
| **Time for deploying outriggers (s)** | **≤40** |
| **Time for deploying boom (s)** | **≤800** |
| **Slewing speed (r/s)** | **≤0.4** |
| **Fire monitor** | **Model** | **AKRON 3578/5177** | **AKRON 3578/3626** |
| **Rated working pressure (MPa)** | **≤0.8** | **≤1.0** |
| **Rated flow (L/S)** | **≥50** | **≥48** |
| **Reach (m)** | **≥70** | **≥60** |
| **Fire pump** | **Model** | **DARLEYPSP1500** |
| **Rated working pressure (MPa)** | **≤1.9** |
| **Rated flow (L/S)** | **≥50** |
| **Boom** | **No. 1 boom section(m)** | **6 sections; 14.07~61.57** |
| **No. 2 boom section(m)** | **3 sections; 15~35** |
| **Folding jib(m)** | **1-section, offset; 1.8;** |
| **Boom elevating range** | **1st boom section** | **0.6~84° (the intersection angle with level)** |
| **2nd boom section** | **-76~74° ( the intersection angle with level )** |
| **Folding jib** | **80~180° (the intersection angle with No.2 boom)** |
| **Outrigger span (m)** | **2-stage telescoping, 8.275×8.0** |
| **Features** | **1. Manual and automatic chassis leveling modes are available.** |
| **2. The truck can be operated at chassis quickly, visual interface displaying is available.** |
| **3. The boom has folding navigation function.** |
| **4. Double-controller, double-bus and double-input and output design for control system, emergency motive power system is available.** |
| **5. Platform weighing and load limiting function.** |
| **6. Fire ground monitor and anemometer are equipped.** |
| **7. Hydraulically controlled mechanical locking mechanism is equipped in elevating cylinder of No.1 boom.** |
| **8. Water in hydraulic oil removal device is equipped.** |