

## 同级别功能最强大

# DG42C



配置4吨（水）+2吨（泡沫液）的消防液罐，美国大力公司PSP1500型水泵，环泵式正压泡沫混合系统，适用A、B类泡沫液，罐顶设置消防炮，平台吊重0.4吨，基本臂吊重2吨，整机25项安全保护装置。是迄今为止，同级别功能最为强大的新一代登高消防车。

German Benz Actros 4144 or Man 41.440 chassis, four-axle with Euro III and IV double configuration, 2-stage built-in hydraulic pipeline cable transportation system, equipped with fire tank of 4t water and 2t foam, American Darley PSP1500 water pump, positive pressure foam mixing system, suitable for category A and B foam, equipped with water monitor on tank top for fire fighting operation; weighing and lifting functions are available, working platform lifts 0.4t, boom lifts 2t, single-side operation working condition, powerful multi-function rescue capability; imported German components in control system, and 25 safety devices. It is the most powerful new generation aerial platform fire truck so far.



### 行驶及作业状态主要技术参数

Main technical data in travel configuration and for operation

类别 Category	项目 Item		单位 Unit	参数 Parameter		
尺寸参数 Dimension	整机全长	Overall length	mm	12620		
	整机总高	Overall height	mm	3980		
	整机总宽	Overall width	mm	2500		
质量参数 Weight	灭火剂额定装载质量 Extinguishant rated load weight	水 Water	kg	3850		
		泡沫液 Foam	kg	2050		
	整备质量	Total vehicle curb weight	kg	32050		
	满载质量	Total vehicle weight	kg	38100		
行驶参数 Travel performance	最高车速	Max.travel speed	km/h	≥85		
主要性能参数 Main performance	额定工作高度	ated working height	m	42		
	最大工作幅度	Max.working radius	m	20		
	工作平台额定载荷	Rated load on platform	kg	400		
	支腿跨距（纵×横）	Outrigger span (longitudinal × lateral)	mm	5850 × 6000		
工作速度 Working speed	臂架动作时间	Boom deploying time	s	≤160		
	支腿展开时间	Outrigger extending time	s	≤35		
消防性能 Fire-fighting performanc	消防泵 Water pump	额定流量	fire pump rated flow	L/s	50	
		额定压力	fire pump rated pressure	MPa	≥1.6	
	消防炮 Water monito	水炮额定流量	Water monitor rated flow	L/s	50	40
		水炮额定压力	Water monitor rated pressure	MPa	≤0.8	≤1.0
		水炮额定射程	Water monitor rated reach	m	≥70	≥60
		泡沫炮额定流量	Foam monitor rated flow	L/s	48	
		泡沫炮额定压力	Foam monitor rated pressure	MPa	≤1.0	
		泡沫炮额定射程	Foam monitor rated reach	m	≥60	
		炮头摆动范围	Nozzle travel range	°	上下 -45~+90 左右 ±90	-35~+65 ±180

# DG40C



德国奔驰Actros3332底盘；4节伸缩臂+1节折叠臂结构；工作平台最大负载400kg，工作平台上预留救生通道，多种渠道实施救援；半边作业，集中润滑系统；电液比例控制技术；整机22项安全保护装置。

German Benz Axor3332 chassis; 4-section telescoping boom + 1-section folding jib structure; max. loading of working platform is 400kg, the lifesaving passage left on the working platform can carry out rescuing through various channels; single-side operation working condition, equipped with back-up radar and centralized lubricating system; electro-hydraulic proportional control technology makes high rescuing efficiency and convenient operation; 22 safety devices.



### 行驶及作业状态主要技术参数

Main technical data in travel configuration and for operation

类别 Category	项目 Item		单位 Unit	参数 Parameter
尺寸参数 Dimension	整机全长	Overall length	mm	12400
	整机总高	Overall height	mm	3960
	整机总宽	Overall width	mm	2500
质量参数 Weight	满载质量	Total vehicle weight	kg	28800
行驶参数 Travel performance	最高车速	Max.travel speed	km/h	≥85
主要性能参数 Main performance	额定工作高度	Rated working height	m	≥40.5
	工作平台额定载荷	Rated load on platform	kg	≤400
	最大工作幅度	Max.working radius	m	18
	支腿跨距（纵×横）	Outrigger span (longitudinal × lateral)	mm	6900 × 5500
工作速度 Working speed	臂架动作时间	Boom deploying time	s	≤180
	支腿展开时间	Outrigger extending time	s	≤30
消防性能 Fire-fighting performanc	水炮额定流量	Water monitor rated flow	L/s	≥50
	水炮额定压力	Water monitor rated pressure	MPa	≤1.0
	水炮额定射程	Water monitor rated reach	m	≥65
	炮头摆动范围	Nozzle travel range	°	上下 -40~+75 左右 ±90