

DGY25G

HYDRAULIC PIPELAYER

全液压吊管机

■ 先导操作

Pilot Control

■ 最大起重量: 25,000kg

Max.Lifting Capacity: 25,000kg 55,116lb

■ 发动机: 康明斯NT855-C280S10

Engine: CUMMINS NT855-C280S10

■ 整机重量: 26,500kg

Operating Weight: 26,500kg

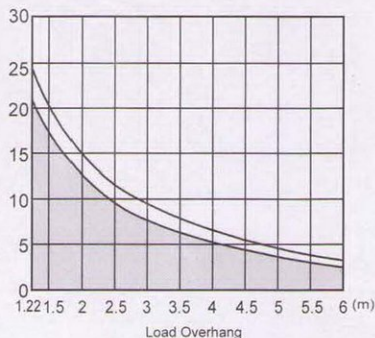


主要特点 Main Features

- 采用吊管机专用底盘。
- 工程机械专用发动机，功率扭矩储备系数大，可适应各种工况。
- 采用全液压控制，机动性能良好。
- 安全保护齐全，完善，配有全自动力矩限制器，高度限位器，吊臂缓冲限位等安全装置，使作业更安全。
- 模块化设计，便于装拆，拆卸后外形尺寸小，便于运输。
- 全封闭驾驶室，视线良好。
- 针对寒带、热带和沙漠等不同环境提供一体化解决方案，适应不同地区工作。
- Adopt special designed chassis for pipelayer.
- Specialized construction machinery engine, which reserves enough power to meet any tough working conditions.
- Full hydraulic control, excellent in jiggle operation performance.
- Well-equipped safety device such as automatic load moment limiter, hoisting height limit switch, Boom buffer limiter device, make operation more safe.
- Modular design has facilitated removal/installation of components and shorten machine downtime.
- Pressurized cab provide excellent front, side and rear visibility.
- Customized integrated solution for different working environment such as the frigid zone, the tropics, deserts and marsh area.

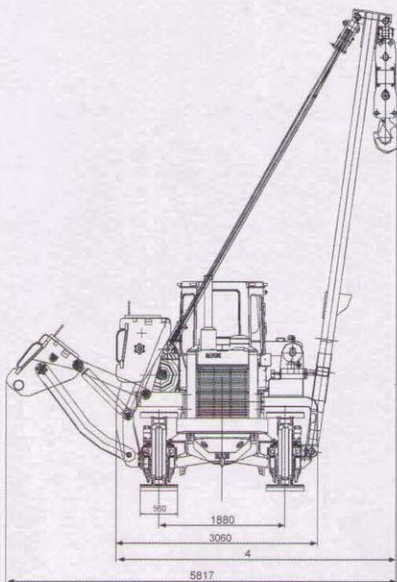
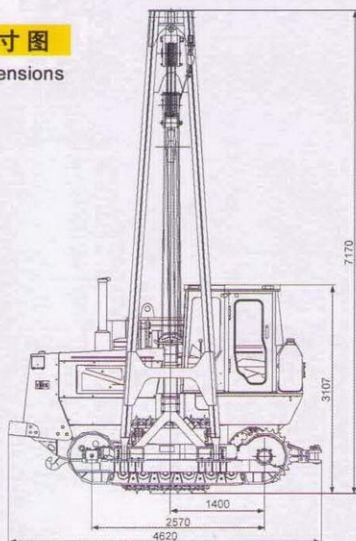
起重性能曲线 Lifting Performance Curve

Lifting Capacity
kg × 1000



外形尺寸图

Overall Dimensions



主要技术参数 Main Specifications

最大起重量	Lifting capacity at tipping point	25,000kg	55,116 lb
吊臂最小幅度最大起重力矩	Max. lifting moment at min. load overhang	298kN.m (245kN*1.22m)	220,464 lb.ft (55,116 lb*4ft)
吊臂最大幅度最大起重力矩	Max. lifting moment at max. load overhang	235kN.m (39.2kN*6.0m)	173,626 lb.ft(8,818 lb*19.69ft)
吊臂长度	Boom length	6.5 m	21.3ft
吊钩最大起升高度	Max. lifting height of the hook	5.1 m	16.7ft
起升速度 (6 倍率)	Hoisting speed (six part line)	10m/min	32.8ft/min
变幅时间 (20° - 80°)	Boom elevating time (20°-80°)	30s	
底盘型号	Model of chassis	PD165YPL-1	
发动机型号	Model of diesel engine	CUMMINS NT855-C280S10	
额定功率	Rated power	131KW/1850rpm	178hp/1850rpm
液压泵型号	Model of oil hydraulic pump	CBY4112/ K1010	
系统额定工作压力	Rated working pressure of system	20,000kPa	2,900psi
起升机构	Lifting winch	液压驱动、行星传动、自由落钩功能 Hydraulically-driven, Planetary transmission, Free-fall function	
起升钢丝绳直径	Diameter of lifting wire rope	φ 18	φ 0.71in
起升钢丝绳长度	Length of lifting wire rope	60 m	196.85ft
变幅机构	Ranging winch	液压驱动、行星传动 Hydraulically driven, Planetary transmission	
变幅钢丝绳直径	Diameter of ranging wire rope	φ 16 mm	φ 0.63in
变幅钢丝绳长度	Length of ranging wire rope	50 m	164ft
适用环境温度	Temperature of surroundings	-20°C ~ +50°C	-4°F ~ 122°F
外型尺寸(长*宽*高) Overall dimension (Length*Width*Height)	带吊臂时	With boom	4.62*4.29*7.17m
	运输时	Without boom	4.62*3.06*3.15m
平均接地比压 Ground Pressure	空载时	Without load	70kPa
	满载时	With full load	135kPa
整体总质量	Operating weight	26,500kg	58422.50lb