

XG450D

XG450D地下连续墙液压抓斗

XG450D Underground Diaphragm Wall Hydraulic Grab

性能特点

应用徐工成熟技术制造的专用超宽底盘，采用大回转支承，抗扭能力强，为主机提供了稳定的基础。

双卷扬单排绳式结构大大提高了钢丝绳的使用寿命，降低了施工成本；搭配采用编码器的控制系统，精确的保证了双卷扬的同步性，降低了同步调整的频率，提高了施工效率。

配置测斜装置，具有抓斗纠偏、触地保护等功能，记录存储抓斗的挖掘作业过程并绘制成槽曲线，可有效地保证成槽精度。

液压系统采用负载敏感控制技术，有效的提高了系统资源利用率、施工效率。

控制系统线路采用快速插拔式接头，降低了故障率，缩短了故障检测时间。

Performance Characteristics

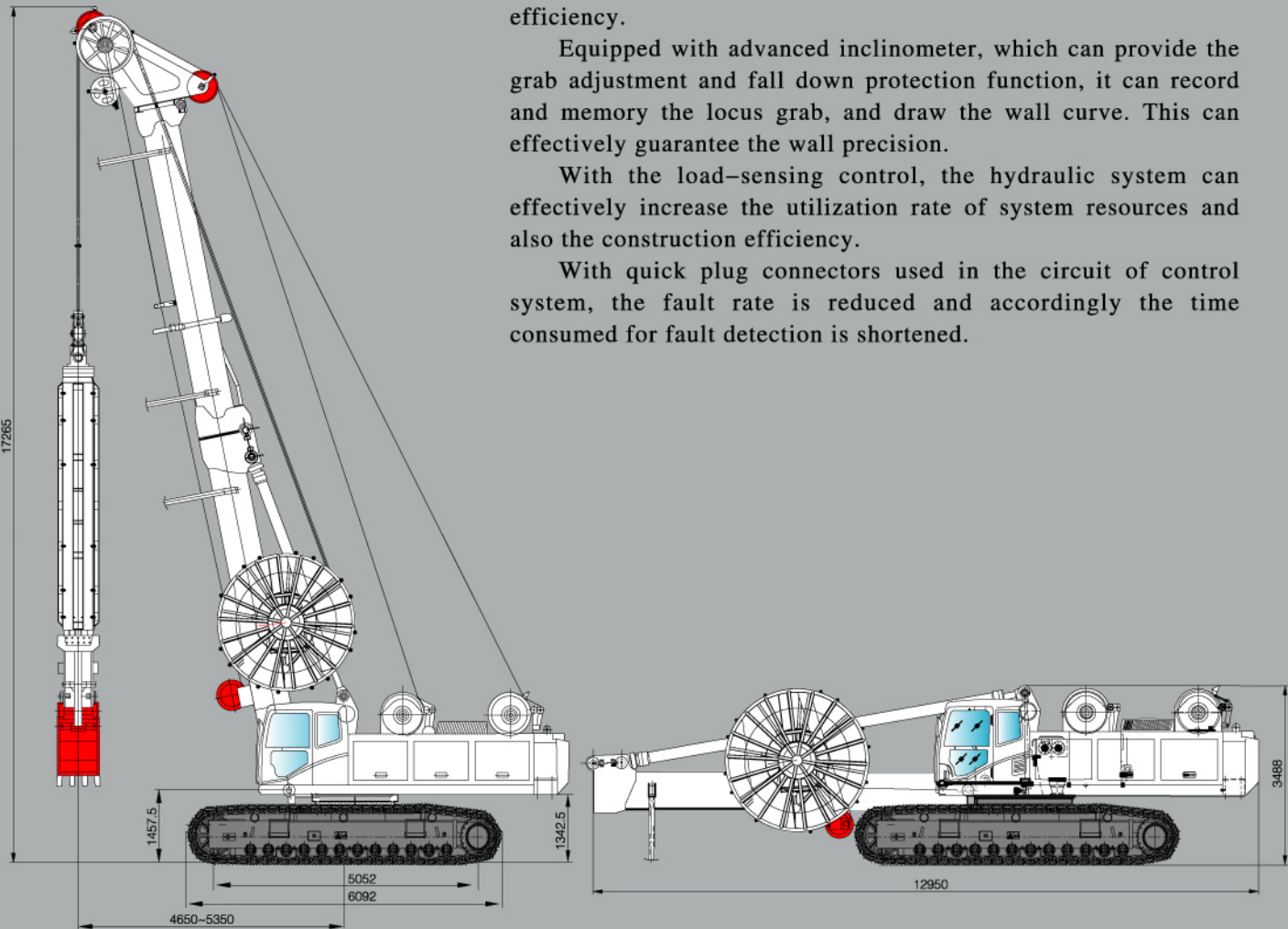
The specific extra-wide chassis manufactured with XCMG's mature technologies, having large swiveling supports and great torsion resistance, provides a stable base for the host machine.

Double winch and single row rope construction extend the life-span of the steel rope,reduce the construction cost .The control system equipped with an encoder ensures the accurate synchronization of double winches reduces the frequency of synchronized adjustment and increases the construction efficiency.

Equipped with advanced inclinometer, which can provide the grab adjustment and fall down protection function, it can record and memory the locus grab, and draw the wall curve. This can effectively guarantee the wall precision.

With the load-sensing control, the hydraulic system can effectively increase the utilization rate of system resources and also the construction efficiency.

With quick plug connectors used in the circuit of control system, the fault rate is reduced and accordingly the time consumed for fault detection is shortened.



XG450D 地下连续墙液压抓斗主要技术参数

Main Technical Data of XG450D Underground Diaphragm Wall Hydraulic Grab

主要技术参数 Main Technical Specification

项 目 (TYPE)	单 位 (units)	参 数 (DATA)
成槽深度 Wall depth	m	75
成槽厚度 Wall thickness	mm	300~600, 600~1200
最大提升力 Max. Pull-down piston pull	kN	2X225
最大提升/下放转速 Max. pull/push speed	m/min	40
抓斗开启时间 Grab opening time	sec	5.4
抓斗闭合时间 Grab closing time	sec	5.7
液压系统压力 Hydraulic system pressure	MPa	32
工作半径 Work radius	mm	4650~5350
发 动 机 Engine	型 号 Model	CUMMINS QSL9-C325
	额定功率 Rated Power	kW/rpm 242/2100
底 盘 Undercarrige	最大行走速度 Max. traveling speed	km/h 1.5
	最大爬坡度 Max. grade ability	% 35
	最小离地间隙 Min. Clearance	mm 445
	履带宽度 Track shoe width	mm 800
外形尺寸 Dimension (长 x 宽 x 高) (length,width,height)	履带间距 Distance between tracks	mm 3500~4800
	工作状态 Working condition	mm 10305 x 4800 x 17265
	运输状态 Transportation condition	mm 12945 x 3500 x 3488
整机工作重量(配1200抓斗) Overall Drilling Weight		t 84

