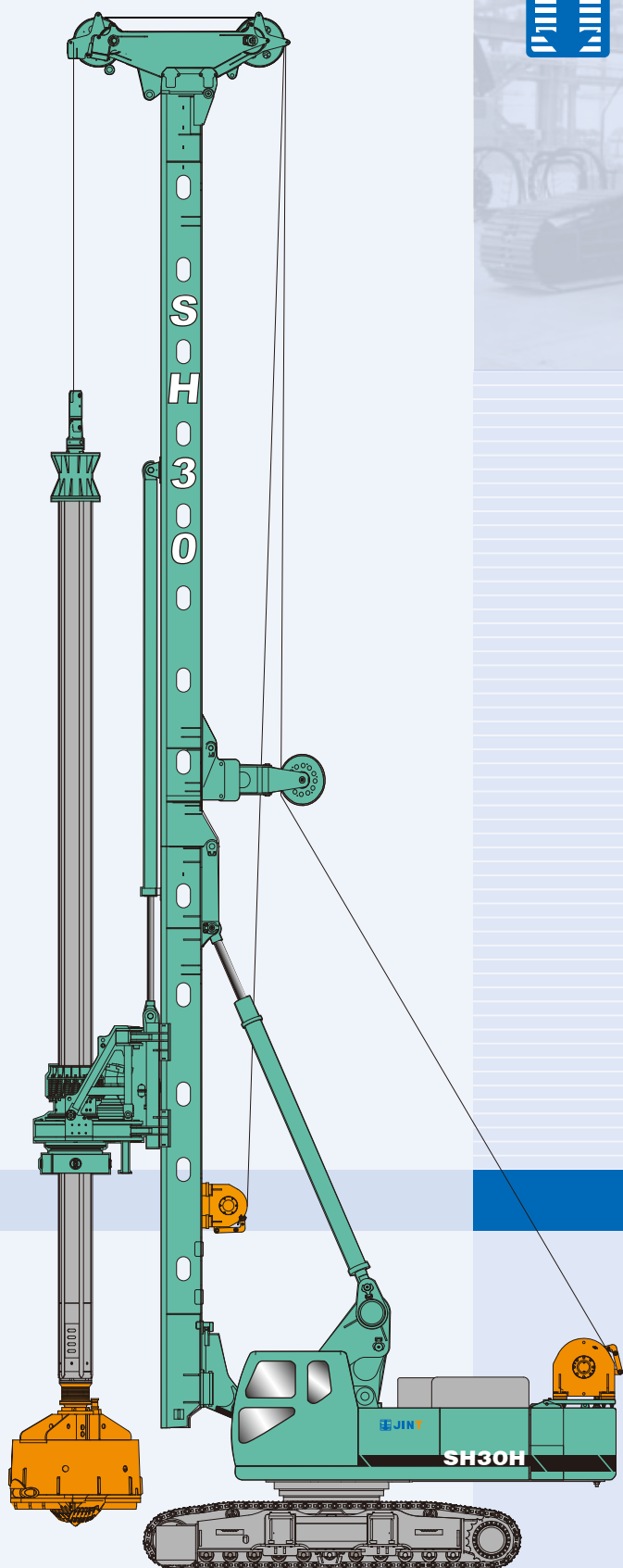




SH30

多功能钻机
Hydraulic Rotary
Drilling Rig

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上海金泰工程机械有限公司
SHANGHAI JINTAI ENGINEERING MACHINERY CO.,LTD

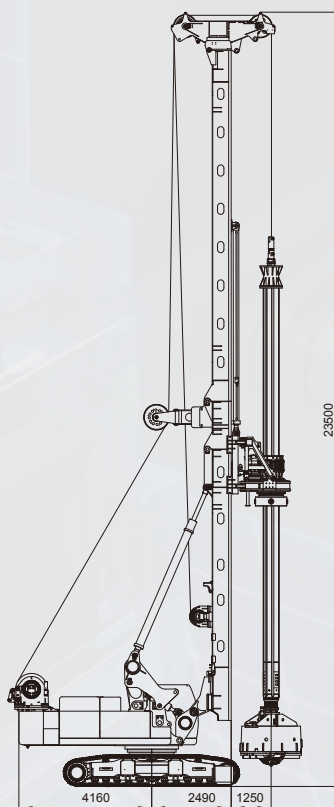


SH30多功能钻机

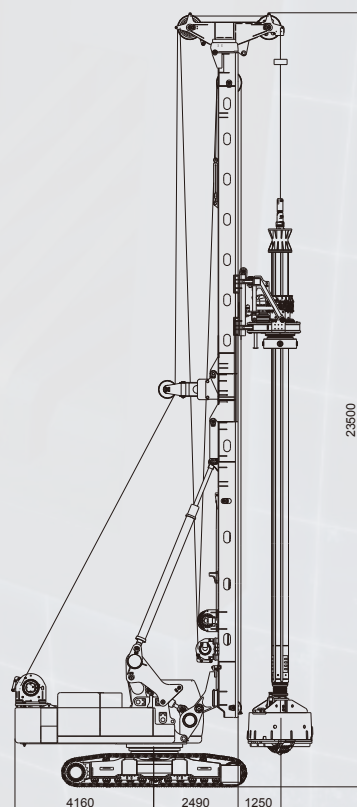
SH30 Hydraulic Rotary Drilling Rig

SH30多功能钻机是一种大三角结构的新型桩工机械产品，融合了现代液压桩工机械新技术和新工艺，各类技术性能达到或超过国际同类产品先进水平，整机操作轻便灵活，作业效率高。该产品质量稳定可靠，关键零部件采用国际品牌产品，具备超深桩基础施工能力。SH30广泛应用于高层建筑、桥梁工程、水利建设等地基基础工程施工，特别适用于含水量高的复杂地层施工作业，是各类基础工程施工的理想设备。

SH30 is a new type of piling machine with big triangle structure, which combines the new technology and process of the modern hydraulic piling machinery. So, its performance reaches or exceeds the advanced level of the same products in the world, meanwhile, the whole machine with easy operation and high working efficiency is capable of digging deep pit due to its many international brand key accessories. SH30 is widely applied to the construction of high buildings, bridge, water conservancy and so on and especially proper for the complex geological layers containing much water. SH30 is an ideal equipment for all kinds foundation construction.



油缸加压式 Crowd cylinder type

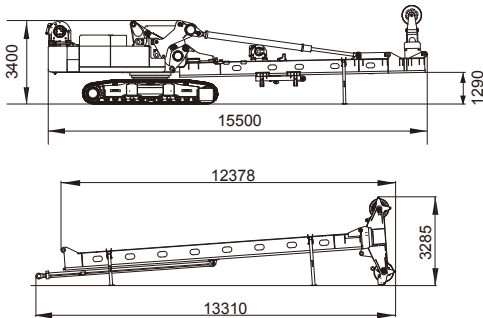
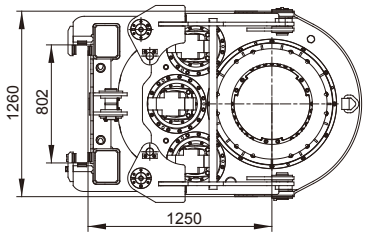
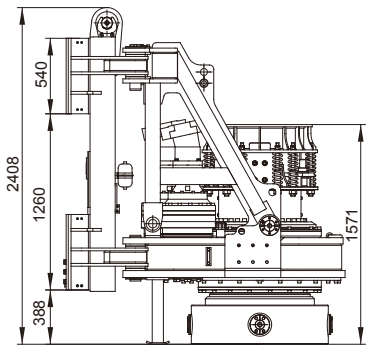


卷扬加压式 Crowd winch type

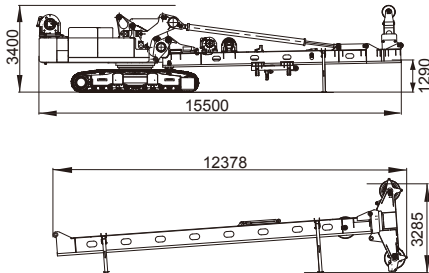


主机 Base Machine

发动机 Engine		
柴油发动机 Diesel	Cummins QSM11-C	
额定功率 Diesel engine power(kW)	263	
发动机最大转速 Max.rotation speed (rpm)	1900	
液压系统 Hydraulic system		
液压系统流量 Hydraulic system flow (L/min)	2×380	
液压系统压力 Hydeaulic system pressure (bar)	330	
动力头 Rotary head		
回转扭矩 Rotary torque(kN·m)	286	
回转速度 Rotary speed (rpm)	6-30	
底盘 Chassis		
可伸缩下底盘 Extendable chassis lower part	R455LC-7 JT80	
履带板宽度 Width of triple grouser track shoes (mm)	800	
底盘长度 Chassis length (mm)	5680	
底盘宽度(缩进/伸出) Chassis width (contraction/extension) (mm)	3300-4400	
牵引力 Towing force (kN)	500	
行走速度 Crawler speed (km/h)	1.5	
运输重量 Transport Weight	SH30	SH30W
底盘 + 支架 + 下桅杆总成(kg) Weight of base machine, support, and bottom mast assembly	70000	72000
其中:配重 Wherein: counter weight(kg)	15000	15000
上桅杆总成+天车 Upper mast,mast head(kg)	5000	4000



油缸加压式Crowd cylinder type



卷扬加压式 Crowd winch type

SH30 多功能钻机技术参数

Technical Data of SH30 Hydraulic Rotary Drilling Rig

钻进参数 Drilling parameter

主要尺寸 Dimensions(mm)	SH30	SH30W
L1	21280	21280
L2	9059	18200
L3	3359	3811
钻孔直径 Drilling diameter(mm)		
未带护筒 uncased	2500	2300
带护筒 cased	2000	1800
护筒长度 Length of case(m)		
不配摇管机时 W O oscillator	H-0.6	H-0.6
配摇管机时 With oscillator	H-1.8	H-1.8

备注 Remarks

钻孔深度基于以下参数:

- 钻头长度1.7米
- 自锁钻杆时, 钻深应减去钻杆节数乘0.2米
- 其他长度的钻杆可根据要求制造
- 钻杆重量+钻头重量需与卷扬机拉力相适应
- 选配钻杆需考虑深度、扭矩和加压力三者之间匹配

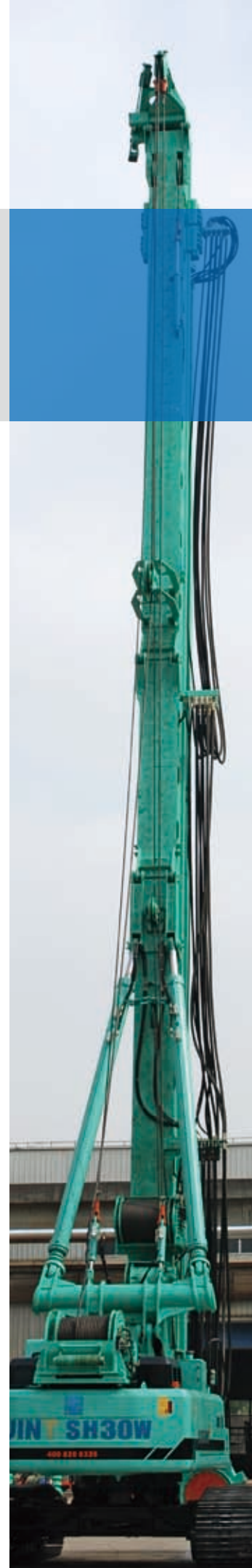
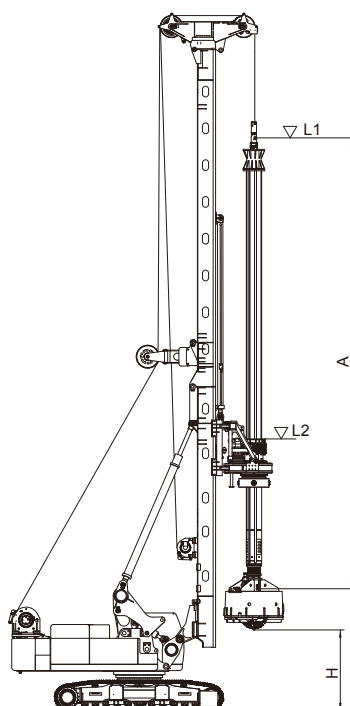
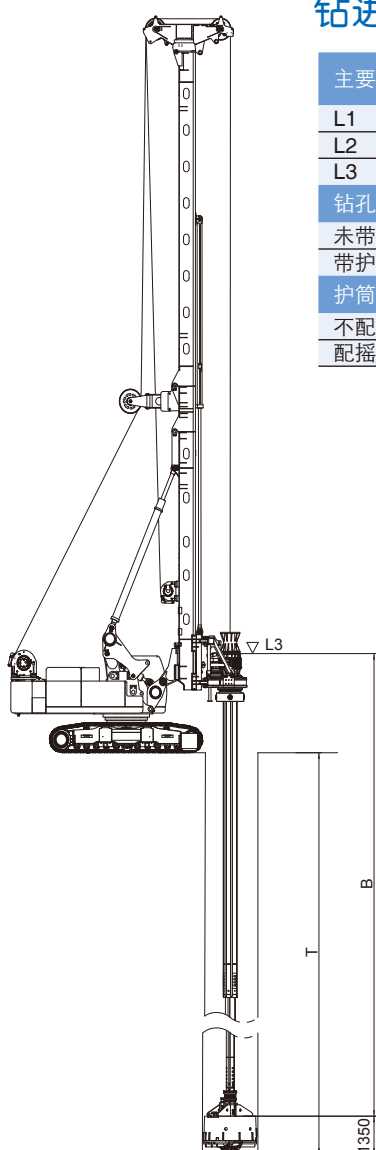
Drilling data are based on:

- Length of drilling bit 1.7m
- Drilling depth for locked kelly bars to be reduced by number of kelly sections multiplied by 0.2m
- Others Kelly bar of different lengths could be available on request
- Weight of kelly bar + bit must be checked for sufficient winch capacity
- Appropriate kelly type to be selected according to depth, torque and crowd pressure

钻深表(凯式钻杆)Drilling depth(Kelly) (*推荐使用 Recommended)

钻杆型号Type of Kelly bar	A(m)	B(m)	钻杆重量Weight(kg)	H(m)	T(m)
Φ470/4自锁式Inter-locking Type	13.4	45.6	9400	6.36	44.2
Φ470/4自锁式Inter-locking Type	16.6	58.2	10100	3.16	56.5
Φ470/5摩擦式Friction Type	15.9	69.8	10300	3.86	68.2
Φ540/6摩擦式Friction Type	16.5	87.0	14500	3.26	85.3

其他规格可以根据需求订制 some other specifications are optional according to user's special requirement.



*注意：技术参数修改恕不另行通知 (Technical data subject to change without notice)

SH30 多功能钻机技术参数

Technical Data of SH30 Hydraulic Rotary Drilling Rig

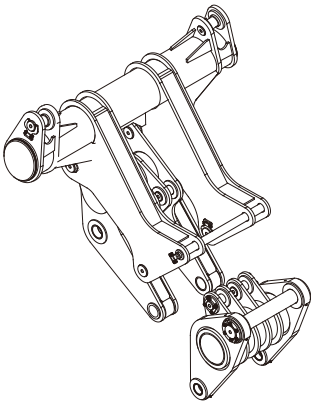


型号 Type	SH30	SH30W
钻塔 Drilling tower		
钻机高度 Height of tower (mm)	23500	23500
主机重量(不包括钻具) Weight of base machine (without drilling tools) (kg)	75000	76000
加压油缸系统 Crowd cylinder		
加减压油缸行程 Cylinder stroke (mm)	5700	11000
油缸加压力 Cylinder pressure force (kN)	250	250
油缸起拔力 Cylinder pulling force (kN)	250	250
主卷扬机 Main winch		
单绳拉力 Single line pull (kN)	250	250
钢丝绳直径 Rope diameter (mm)	30	30
最大提升速度 Line speed max. (m/min)	60	60
副卷扬机 Auxiliary winch		
单绳拉力 Single line pull (kN)	75	75
钢丝绳直径 Rope diameter (mm)	18	18
最大提升速度 Line speed max. (m/min)	45	45

大三角机构 Spinnaker structure

相比在传统的四连杆机构,大三角机构能够保证整机在使用过程中保持良好的稳定性和钻孔垂直度。

Compared with the four-bar linkage, the spinnaker can supply the better stability and drilling verticality in the process of working.



更多信息请访问：
www.jintai-sh.com

400-820-8326



太原平阳高速工程Pingyang high speed way project in Taiyuan

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此型号的设备可以有特殊配置。样本中技术参数不考虑能量损失。

样本中可能有打印错误

Technical specifications are subject to change without prior notice and incurring responsibility for machines previously sold. The shown machines may have special equipment. Technical data do not consider power losses.

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上海金泰工程机械有限公司
SHANGHAI JINTAI ENGINEERING MACHINERY CO.,LTD

公司地址：上海安亭洛浦路45号
Address: 45 Luopu Road Anting Shanghai
Fax: 86-21-59577391
E-mail: webmaster@jintai-sh.com