

YONDA 永大机械®

ZHANGJIAGANG FREE ZONE YONGDA MACHINERY CO., LTD

张家港保税区永大机械有限公司

2024年11月



张家港保税区永大机械有限公司

ZHANGJIAGANG FREE ZONE YONGDA MACHINERY CO., LTD.

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SPECIALIST

CONSTRUCTION DRILLING EQUIPMENT

专业制造工程钻凿设备

2024年11月



COMPANY INTRODUCTION

公司简介

张家港保税区永大机械有限公司源自台湾，拥有四十余年的生产、管理经验，工厂在江苏省张家港保税区内。

我们专业制造各种液压凿岩机、冲击动力头、螺旋钻机等用于公路、铁路、隧道等道路工程建设、地质勘察、地基加固、矿山开采等的先进钻凿设备。

目前服务于国内多家央企、国企、大型集团企业以及国内外钻凿行业知名企业，是一家集设计、制造、销售、服务为一体的先进工厂。

我们的加工、检验设备均为欧、美、日等国进口的高精度设备，保证了生产的品质与效率。

领先的技术与研发团队，保证了既有产品的完善与成熟和新产品的研发与制造。

Yongda Machinery Co., Ltd originally from Taiwan, has more than 40 years of manufacturing and management experience. Factory is located in Zhangjiagang Free Zone, Jiangsu, China.

We professionally manufacture various kinds of hydraulic rock drill, rotary head, drifter and other advanced drilling equipment for roadway, railway, tunnelling, geological surveys, foundation strengthening, mountain mining and so on.

Serve state managed companies, construction conglomerates and well known domestic, oversea drilling enterprise. Yongda Machinery is advanced factory which integrated design, fabrication, sales and service.

All parts are designs, manufactures, distributes directly from our inhouse facility. Enabling us to ensures products quality meets industrial standards & offers at competitive price.

A HYDRAULIC DRIFTER 液压凿岩机

B ANCHORAGE & WATER WELL 锚固、水井系列

C CORING DRILLING 取芯、地质钻探系列

D SONIC DRILL 声波动力头系列

E MULTI-FUNCTION 多功能动力头系列

F HYDRAULIC ROTARY HEAD 岩钻系列

G JET GROUTING DRILLING 旋喷系列

H DUAL ROTARY HEAD 双回转系列

I ROTARY DIGGING 旋挖系列

J HYDRAULIC PILE DRIVER 液压打桩系列

K GEAR REDUCERS 齿轮减速机

L VIBRO RIPPER 高频破碎锤

M HYDRAULIC BREAKER 液压破碎锤

P YONDA DRILL RIG 多功能钻机

Q HYDRAULIC DRILLING EXCAVATOR ASSEMBLY 挖改钻系列



本公司保留对产品的规格、颜色、设计等变更的权力，恕不再另行通知。
Note: Appearance and specification subject to changed without prior notice if required to improve performance.

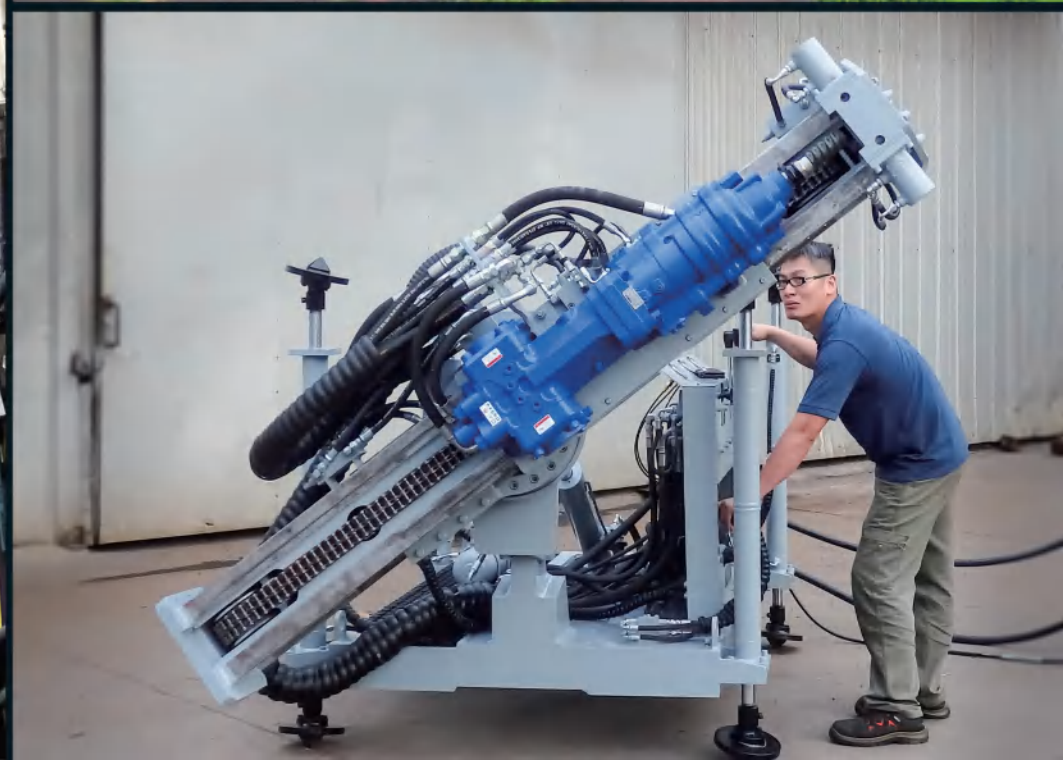
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钻机系列

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YD702-2R



可选配件 Optional

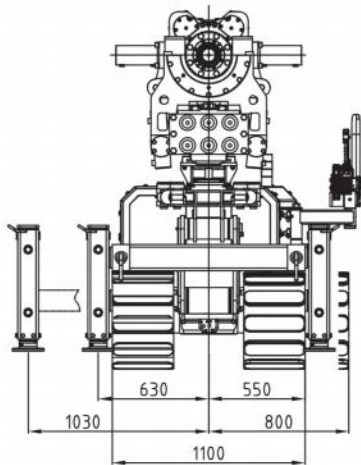
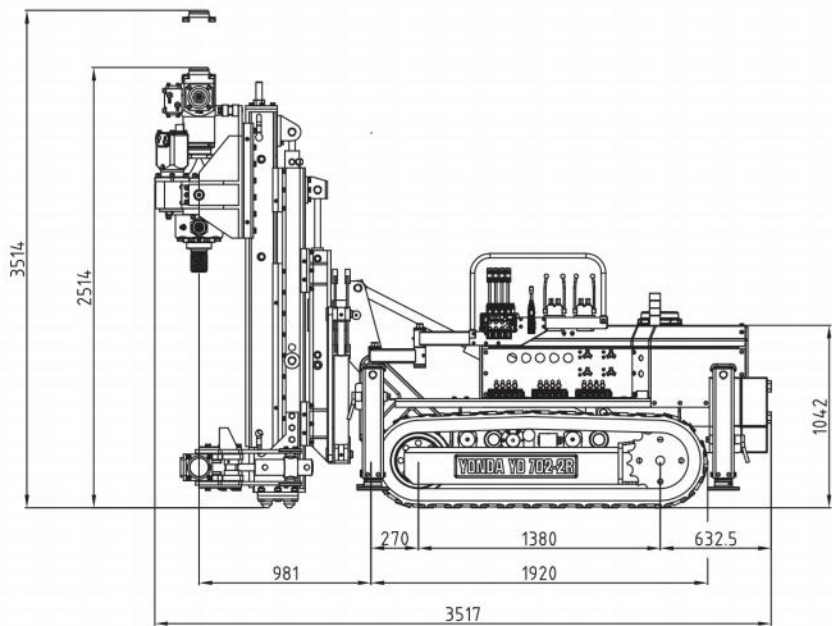
遥控器 Operation



动力站 Power Unit



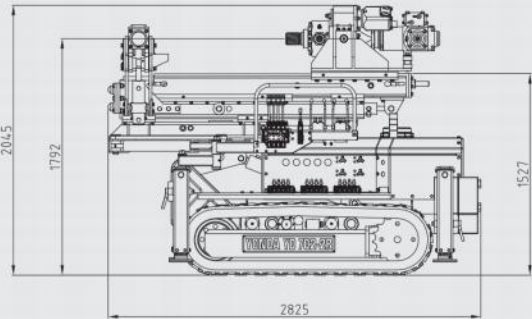
外型尺寸 Dimensions



运输尺寸 Transportation Dimensions

	YD702-2R
长 Length	2825 mm
宽 Width	1100 mm
高 Height	2045 mm

以上数据可供参考，以实际测量为准
Data depending on configuration.



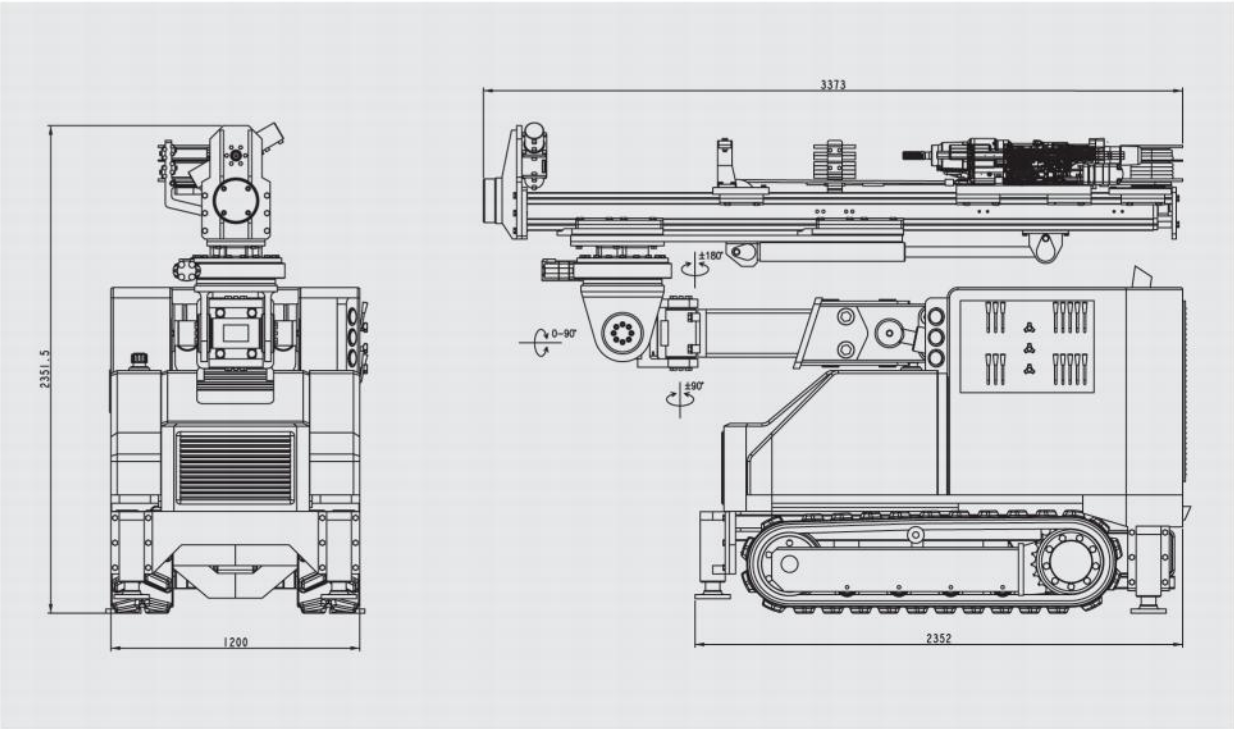
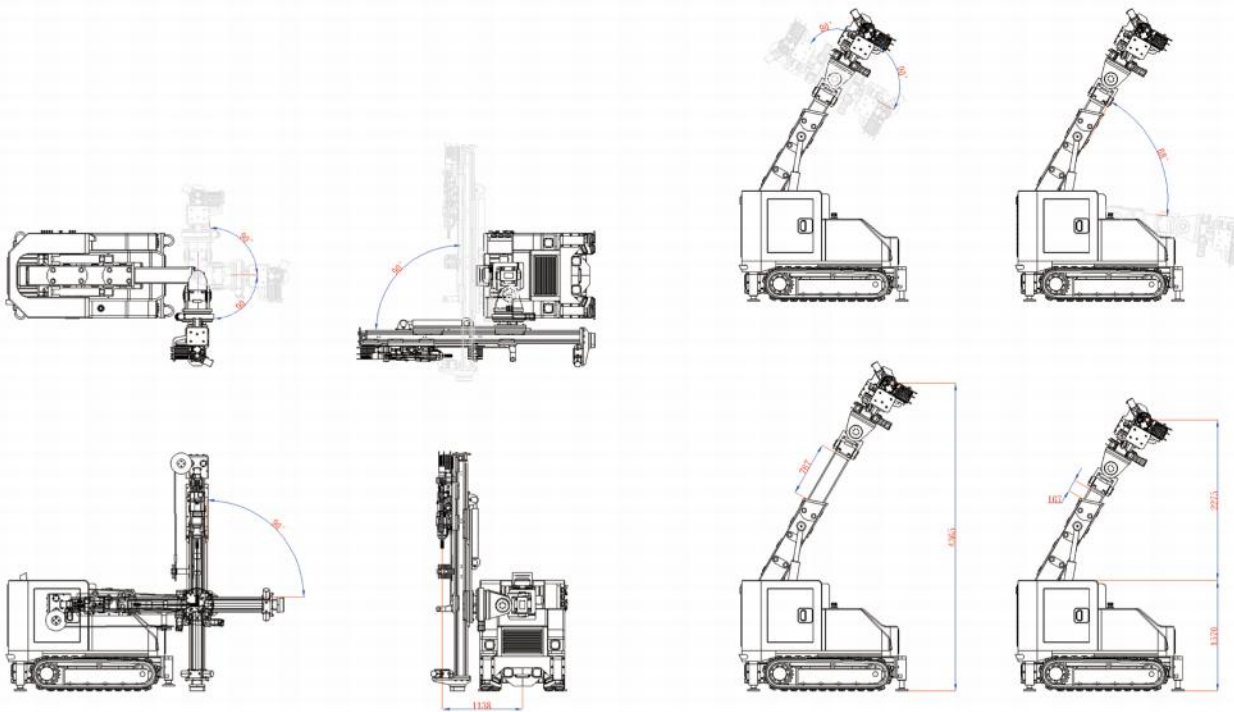
技术参数 Technical Data

YD702-2R Drill rig				Diesel engine 柴油机功率	Capacity of pump 泵流量
Drill Heads 可选动力头	Models	动力头型号	YDH60	115 kW	150 ml/r
	Frequency	冲击频率	bpm 2300		
	Percussion energy	冲击能	J 580		
	Rotation speed	转速	rpm 0~51 / 0~103		
	Rotation torque(Max.)	最大扭矩	Nm 10240		
	Models	动力头型号	YDR602	93 kW	120 ml/r
	Rotation speed	转速	rpm 0~46 / 0~92		
	Rotation torque(Max.)	最大扭矩	Nm 11500		
	Models	动力头型号	YDR802	93 kW	120 ml/r
	Rotation speed	转速	rpm 0~32 / 0~64		
	Rotation torque(Max.)	最大扭矩	Nm 16680		
	Models	动力头型号	YHD2004D	76 kW	90 ml/r
	Frequency	冲击频率	bpm 2200-2400		
	Percussion energy	冲击能	J 480		
	Rotation speed	转速	rpm 83/41/27		
	Rotation torque(Max.)	最大扭矩	Nm 6150		

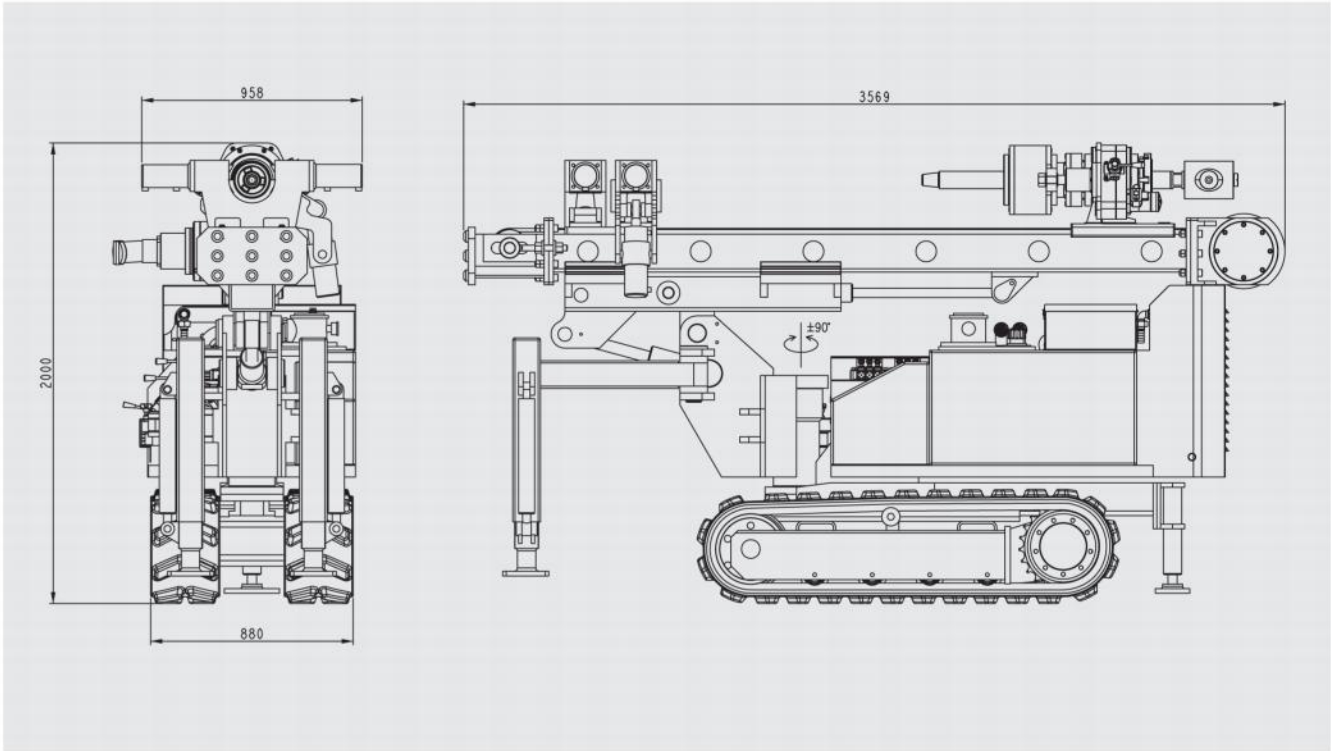
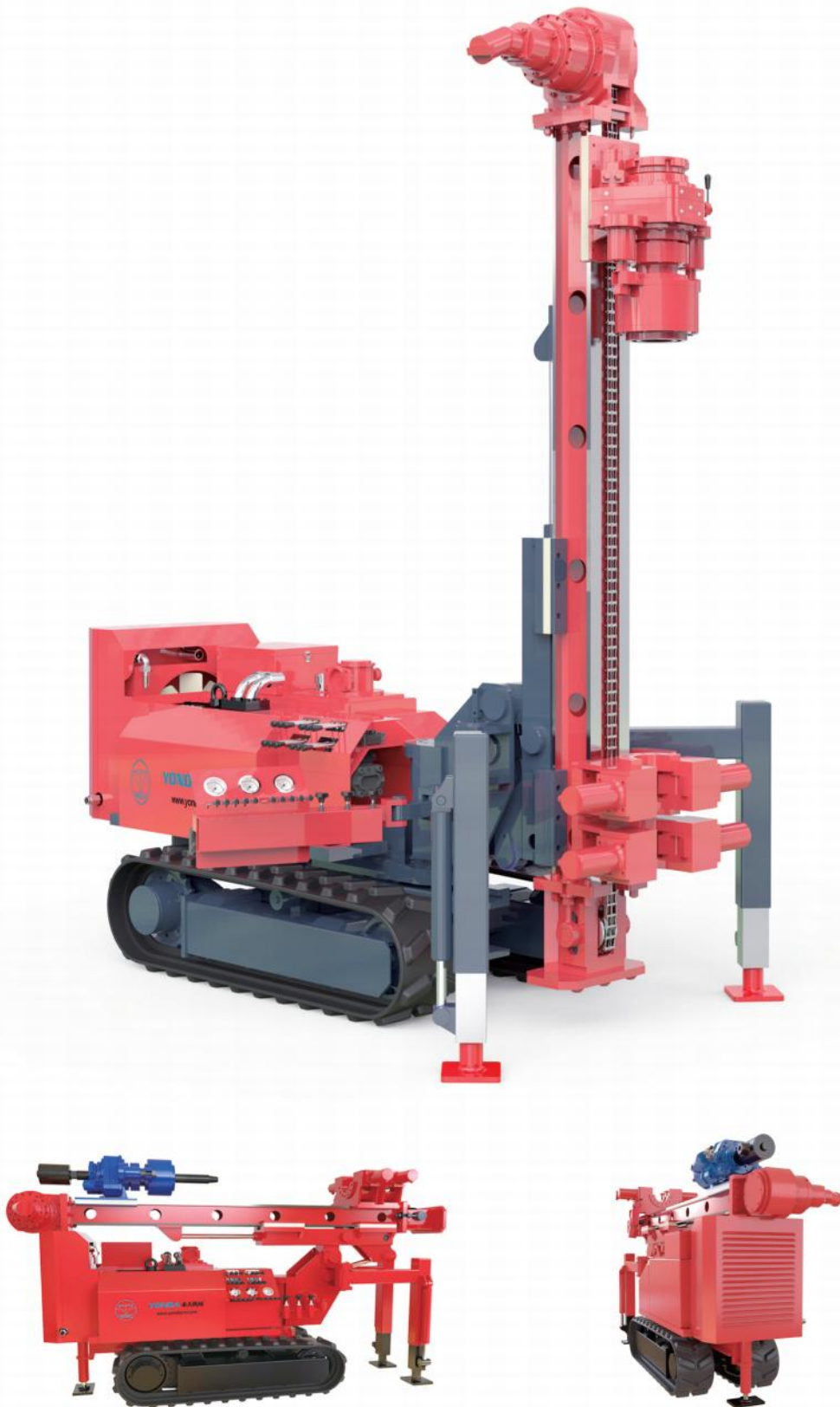
YDM30



	型号	Model			YDM30
钻孔作业范围 Drilling operation range	钻孔口径	Drilling diameter	mm	43-90	
	钻孔深度	Drilling depth	m	30	
动力头 Drill head	型号	Model			YHD210
	功率	Output energy	Kw	18	
	冲击频率	Percussion frequency	bpm	3700	
	冲击功	Percussion energy	J	300	
	回转扭矩	Rotation torque	Nm	830 (max)	
	回转速度	Rotation speed	rpm	250 (max)	
	重量	Weight	kg	180	
推进装置 Driving device	推进方式	Driving model			液压油缸+钢丝 Hydrocylinder and steel wire
	推进力	Driving force	kgf	7000	
	提升力	Lifting force	kgf	3400	
	行程长	Stroke	mm	3000	
行走装置 Moving device	方式	Model			履带式 Crawler
	行走速度	Traveling speed	km/h	0-2	
	爬坡能力	Max. Gradeability	degree	20°	
动力装置 Power plant	发动机/电机	Engine / Electromoter			81Kw/55Kw
	燃料箱容量	Fuel tank capacity	L	50	
	液压油箱容量	Hydraulic oil tank capacity	L	90	
	液压泵输出流量	The pump's output flow	L/min	160	
	液压泵输出压力	The pump's output pressure	Mpa	20	
外形规格 Dimension	整体尺寸	Overall machine dimension			3,400*1,200*2,360
	重量	Total weight	kg	3000	



YDM100

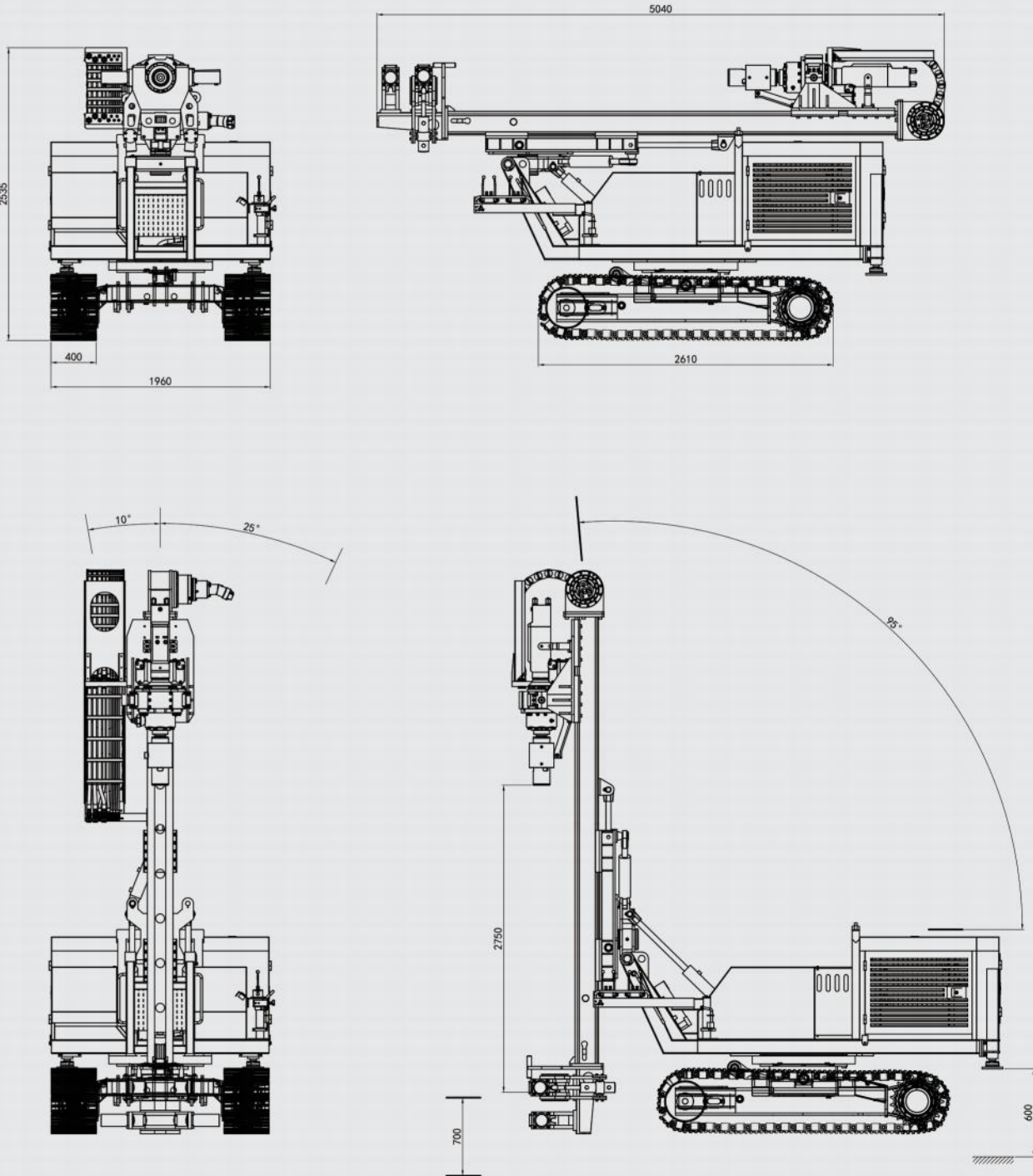


	型号	Model	YDM100	
钻孔作业范围 Drilling operation range	钻孔口径	Drilling diameter	mm	76-89
	钻孔深度	Drilling depth	m	30
动力头 Drill head	型号	Model	YDR40	
	回转扭矩	Rotation torque	Nm	880 (max)
	回转速度	Rotation speed	rpm	235 (max)
	重量	Weight	kg	200
推进装置 Driving device	推进方式	Driving model	液压马达+链条 Hydraulic motors and chains	
	推进力	Driving force	kgf	3500
	提升力	Lifting force	kgf	3500
	行程长	Stroke	mm	1500
行走装置 Moving device	方式	Model	履带式 Crawler	
	行走速度	Traveling speed	km/h	0-2
	爬坡能力	Max. Gradeability	degree	20°
动力装置 Power plant	发动机/电机	Engine / Electromoter	71Kw/45Kw	
	燃料箱容量	Fuel tank capacity	L	50
	液压油箱容量	Hydraulic oil tank capacity	L	90
	液压泵输出流量	The pump's output flow	L/min	140
	液压泵输出压力	The pump's output pressure	Mpa	20
外形规格 Dimension	整体尺寸	Overall machine dimension	mm	3,600*1,000*2,000
	重量	Total weight	kg	3000

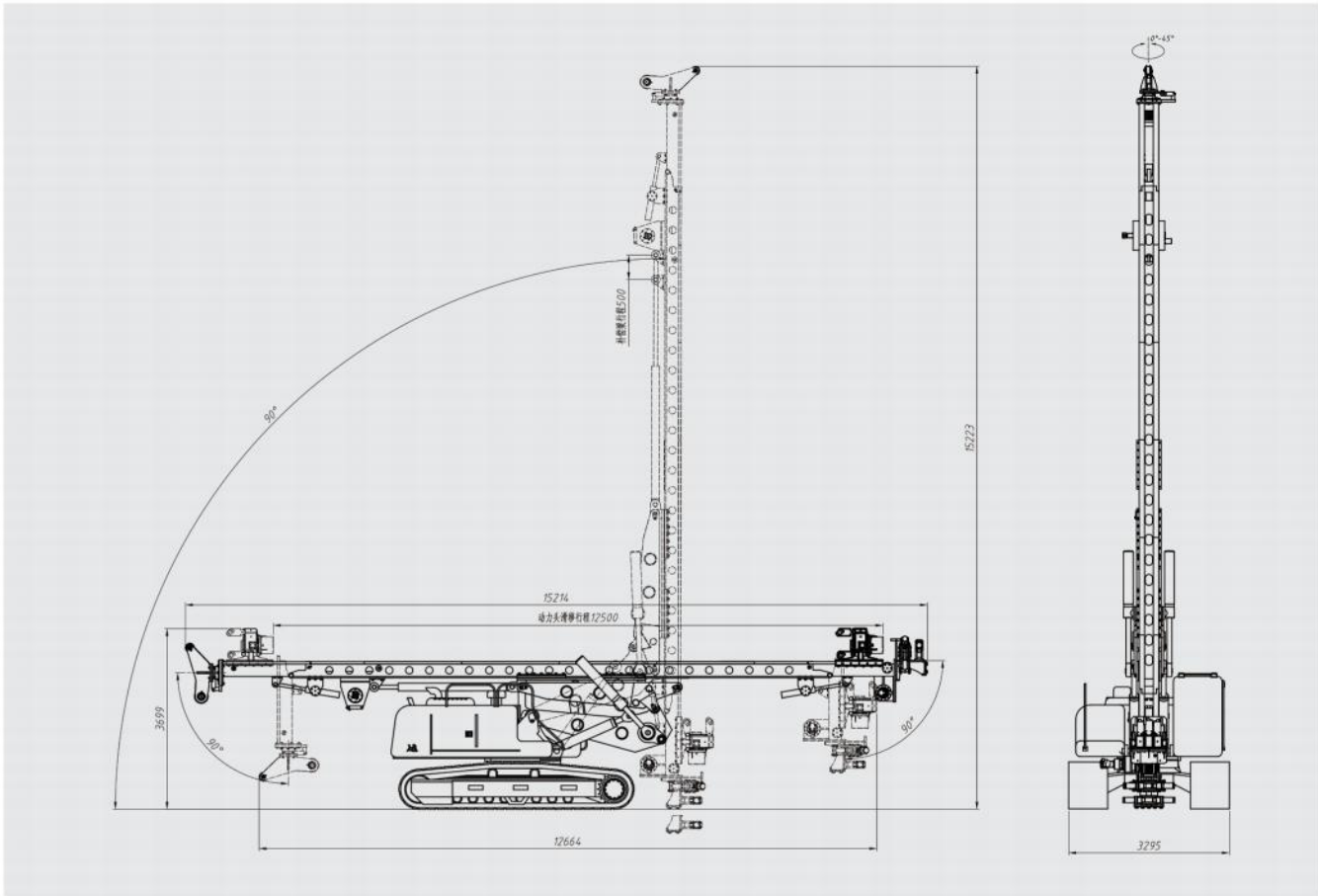
YC-125D



Drill Heads 动力头	Models	动力头型号	YDH802	
	Percussion Oil Pressure	冲击压力	bar	180
	Percussion Oil Flow	冲击流量	l/min	130
	Frequency	冲击频率	bpm	2500
	Percussion energy	冲击能	J	800
	Rotation Oil Pressure(Max.)	最大回转压力	bar	205
	Rotation Oil Flow	回转流量	l/min	170
	Rotation speed(Max.)	最大转速	rpm	64 32
	Rotation torque(Max.)	最大扭矩	Nm	8340 16680
Driving device 推进装置	Driving models	推进方式	提升马达+链条	Hydraulic motors and chains
	Driving force	推进力	kN	70
	Lifting force	提升力	kN	70
	Stroke	行程长	mm	2700
Moving device 行走装置	Model	方式	履带式 Crawler	
	Traveling speed	行走速度	km/h	3-4
	Max. Gradeability	爬坡能力	degree	20
Power plant 动力装置	Diesel engine	柴油机	kW	93
	Capacity of pump	泵排量	ml/r	135



YD8300



动力头 Drill head	型号	Model	YD8300	
	型号	Model	YDR803	
	回转压力	Rotation Oil Pressure	bar	205
	回转流量	Rotation Oil Flow	l/min	170
	回转扭矩	Rotation torque	Nm	25000 (Max)
	回转速度	Rotation speed	rpm	64 (Max)
	卡盘夹持力	Chuck gripping force	N	54000
	中空孔径	Through Hole	mm	150
	重量	Weight	kg	550
推进装置 Driving device	推进方式	Driving model	提升马达+链条 Hydraulic motor and chains	
	推进力	Driving force	kgf	15000
	行程长	Stroke	mm	15000
卷扬装置 Winch device	卷扬机起拔力	Winch lift force	kgf	5000
	钢丝绳线径	Wire rope diameter	mm	14
	绳线速度	Rope linear velocity	m/min	70
外形规格 Dimension	整体尺寸	Overall machine dimension	mm	12,670*3,295*3,025

YD1200



动力头 Drill head	型号	Model YD1200		
	型号	Model YDR803H		
	回转压力	Rotation Oil Pressure	bar	205
	回转流量	Rotation Oil Flow	l/min	170
	回转扭矩	Rotation torque	Nm	25000 (Max)
	回转速度	Rotation speed	rpm	64 (Max)
	卡盘夹持力	Chuck gripping force	N	54000
	中空孔径	Through Hole	mm	150
推进装置 Driving device	重量	Weight	kg	550
	推进方式	Driving model 提升马达+链条 Hydraulic motor and chains		
	推进力	Driving force	kgf	15000
行走装置 Moving device	行程长	Stroke	mm	12000
	方式	Model 履带式		
	行走速度	Traveling speed	km/h	0-5
动力装置 Power plant	爬坡能力	Max. Gradeability	degree	20°
	柴油机	Diesel engine	kW	86
	发动机最高转速	Full engine speed	rpm	2200
外形规格 Dimension	整体尺寸	Overall machine dimension	mm	11,109*3,900*4,200

The YD1200 drill rig adopts the same chassis structure as the excavator, with superior off-road capability and 360 degree body rotation, capable of withstanding greater impacts and operational requirements.

The drill arm adopts a lightweight high-strength double-fold arm design with a maximum lift height of 18 meters and flexible and fast operation. Equipped with a hoisting system, it can hoist longer drill pipes at a time, which greatly improve the drilling efficiency.

It is compatible with YONDA's various models of hydraulic rotary heads and hydraulic drifter to fully meet complex and variable geological conditions.

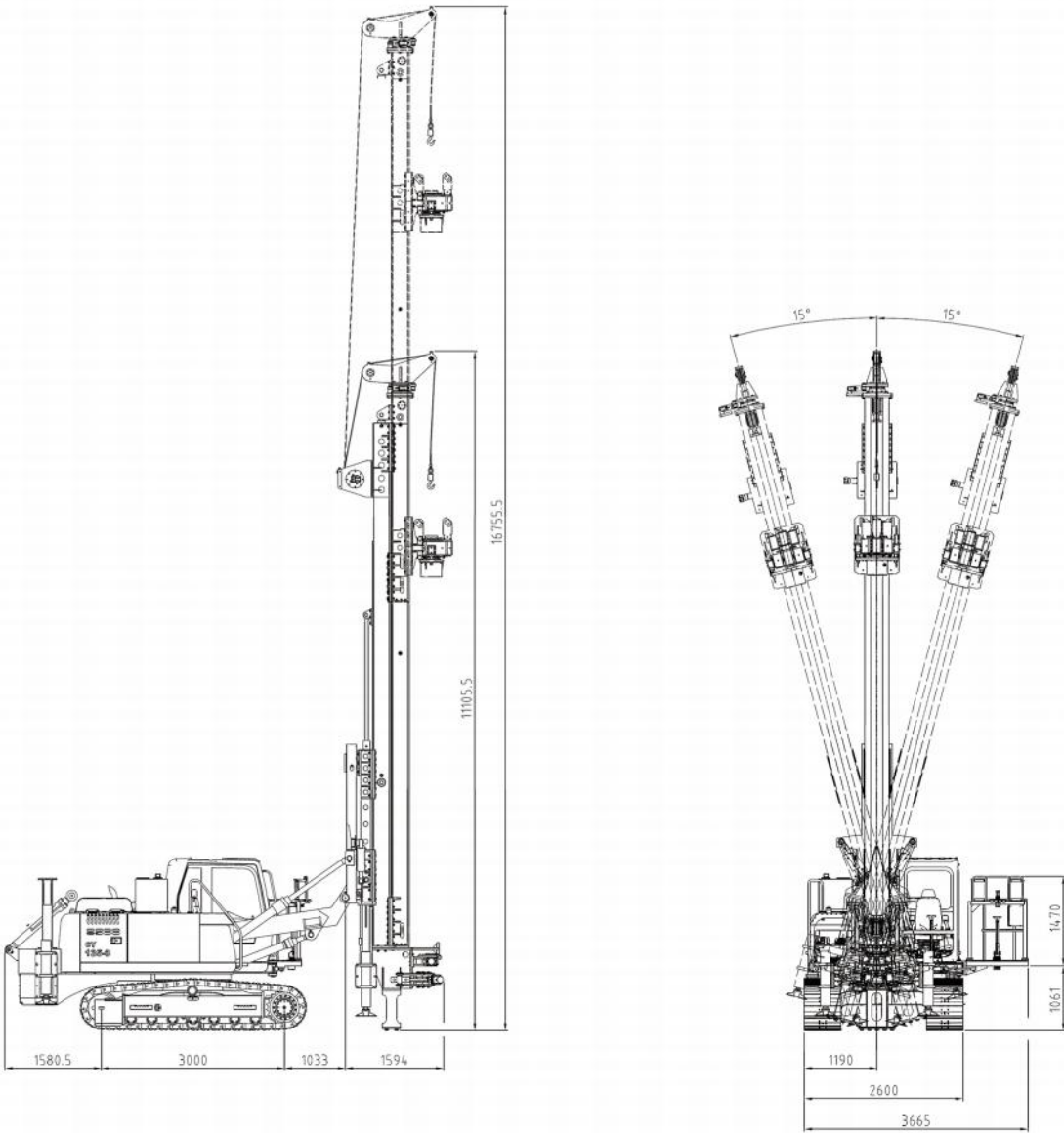
It has an operation console and can also select a wireless for remote control.

YD1200钻机采用与挖掘机相同的底盘结构, 具有超强的越野性和360度车体转动能力,可承受更大的冲击和操作要求。钻臂采用双层叠接臂轻量化高强度设计, 最大举升高度可达16米, 操作灵活迅速。

配备卷扬系统, 一次可吊装更长钻杆, 大幅提高钻孔效率。

可兼容YONDA系列多种型号的液压旋转动力头和液压冲击动力头,完全满足复杂多变的地质条件。

设有操控台,同时可选配无线遥控器实现远程操控。



YDM200

YDM200 full hydraulic rotary and percussive drilling rig is a powerful engineering equipment that adopts YONDA anchor series rotary head, integrates percussion and rotation design and has a reverse impact function. It can quickly drill into general rock layers, sand and gravel layers, and cobblestone layers. It is especially suitable for foundation pit anchoring, slope maintenance, engineering reinforcement, and casing anchoring and pipe-following construction in various complex and collapsible strata.

This drilling rig has an excellent mechanical structure design. The main arm has a pitch function within a 90° range, the drilling frame can swing within a 180° range, and the telescopic arm and rotary arm have a unique design, which allow the drilling rig to carry out multi-level anchoring operations within a 6-meter height range. In addition, the main frame can rotate 360° to realize dense drilling operations, with high drilling efficiency and moderate fuel consumption, which greatly improve the adaptability and operation efficiency of the drilling rig, also reduce operating costs and truly maximizing benefits.

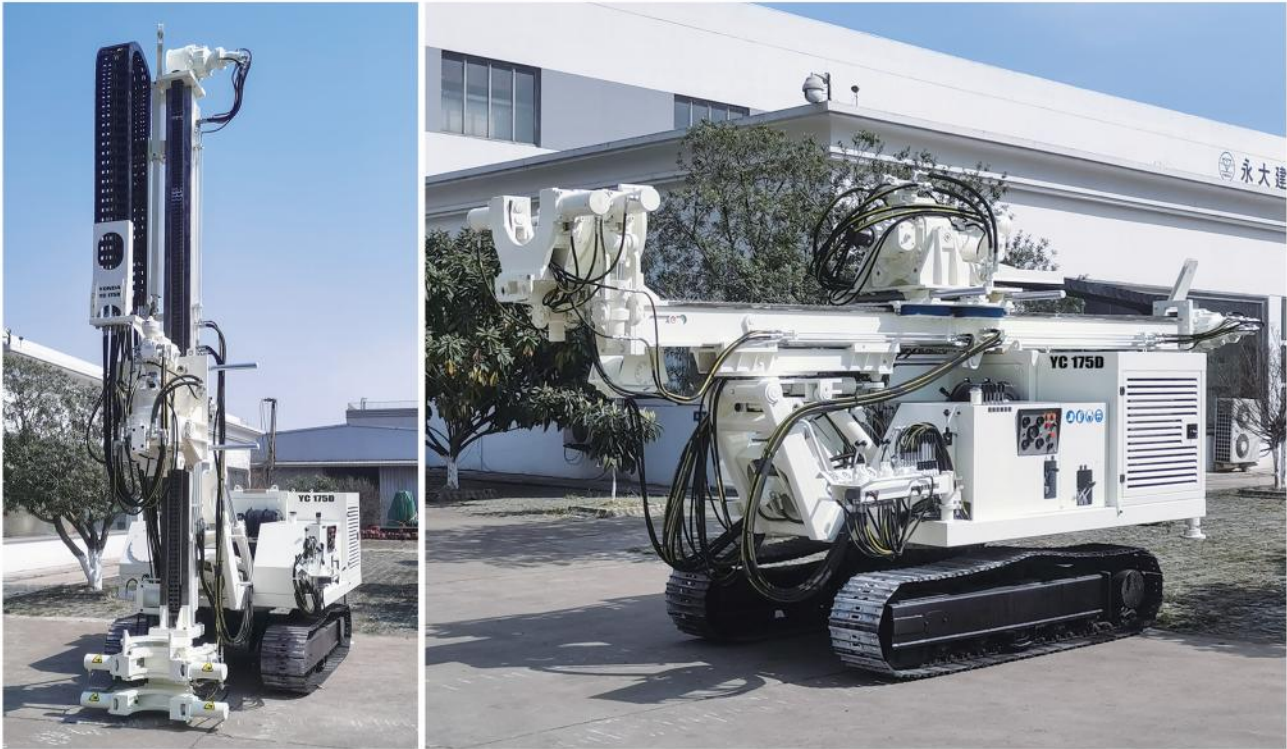


YDM200 全液压旋转冲击式钻机是一款功能强大的工程设备，采用 YONDA 锚固系列动力头，融合了冲击和旋转一体化设计，并具有反打功能，能够快速钻进一般岩层及砂砾层以及鹅卵石层。它特别适合于基坑锚固、边坡维护、工程加固以及各种复杂易塌地层的套管锚固和跟管施工。

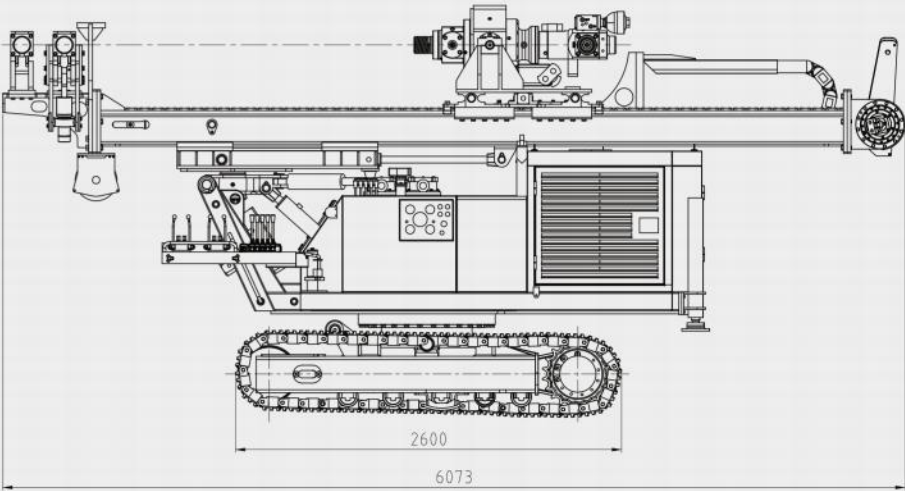
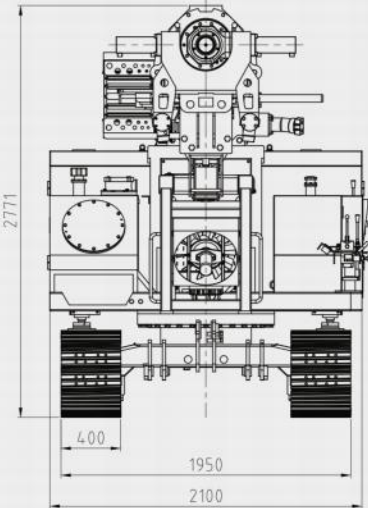
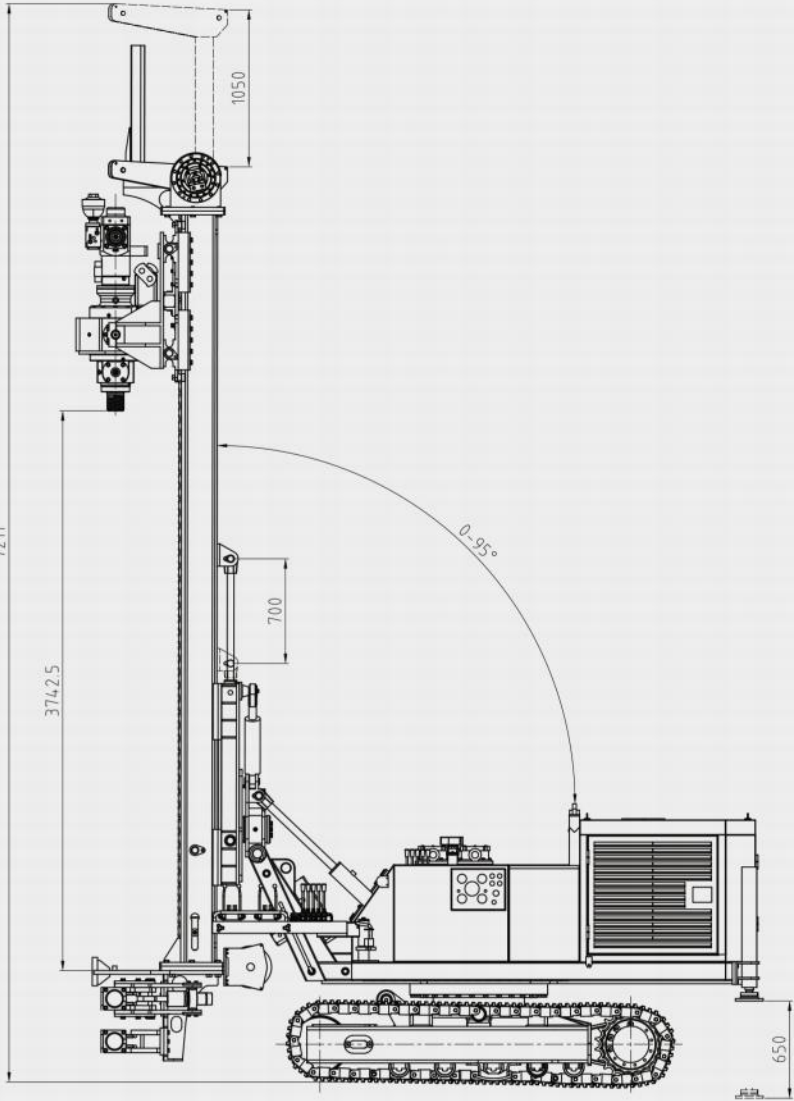
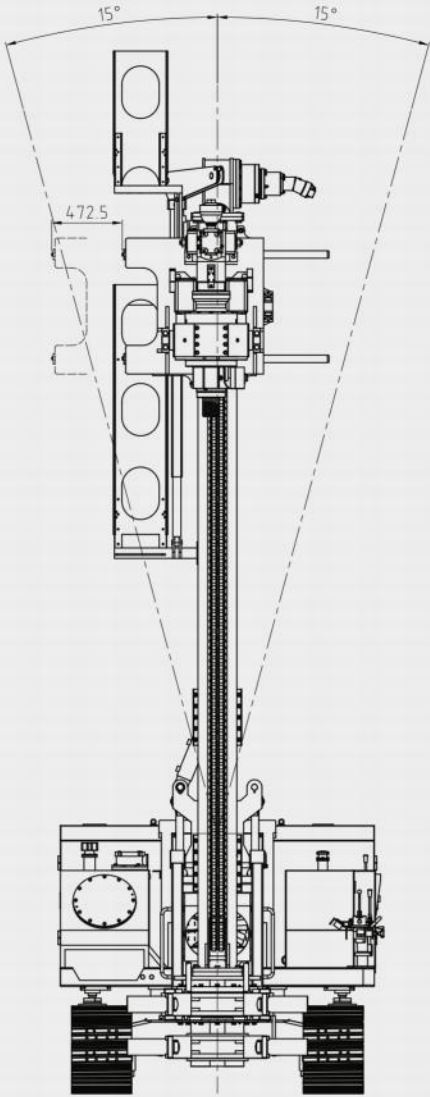
这款钻机有着出色的机械结构设计，主臂具有 90°范围内的俯仰功能，钻架可以在 180°范围内摆动，伸缩臂和转臂设计独特，使得钻机可以在 6 米高度范围内进行多层锚固作业。此外，主车架可 360°回转，实现了密集钻孔作业，钻孔效率高，油耗适中，极大的提高了钻机的适应能力和作业效率，降低了运行成本，真正体现效益最大化。

整机尺寸（长×宽×高）		Overall Dimensions(L×W×H)	7405×2460×3675mm
整机重量		Total Weight	18000Kg
行走速度		Travel Speed	2-5Km/h
爬坡能力		Gradeability	40%
钻孔直径		Drilling Diameter	65-300mm
钻孔深度		Drilling Depth	φ 168双套管120m， φ 76单杆300m
动力装置 Powerplant	发动机型号	Engine Type	6CTAA8.3-C260
	额定输出功率及转速	Rated Output Power and Speed	194kW/2200Rpm
	主泵额定压力	The Main Pump's Rated Pressure	31Mpa
动力头 Power Head	冲击频率	Impact Frequency	1500-1800bpm
	最大扭矩	Max Torque	15000N.m
	最大冲击功	Max Impact Energy	800N.m
	最高转速	Max Rpm	90Rpm
钻孔作业范围 Drilling Operation Range	转台俯仰角度	Turntable Pitching Angle	-8°- 45°
	转台回转角度	Turntable Rotation Angle	± 95°
	大臂举升角度	Boom lifting Angle	-35°- 80°
	给进梁滑动行程	Feed Beam Slide Stroke	1100+1200mm
	主平台回转角度	The Main Platform Rotation Angle	360°
给进装置 Feeding Device	给进方式	Feeding Mode	马达-链条组合方式
	给进扭矩	Feeding Torque	18310N.m
	给进行程	Feeding Stroke	4100mm
	快进速度	Fast Forward Speed	1m/s
钻杆卸扣夹具 Drill Pipe Shackle Jig	夹持钻具直径	Clamping Tool diameter	50-300mm
	夹紧力	Clamp Force	240KN
	拆卸扭矩	Remove Torque	28000N.m

YC-175D



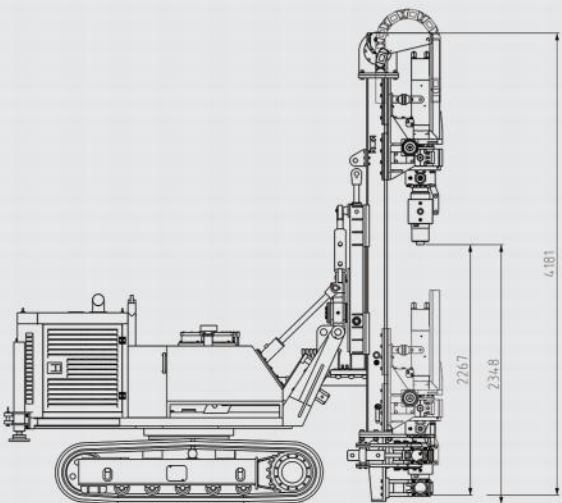
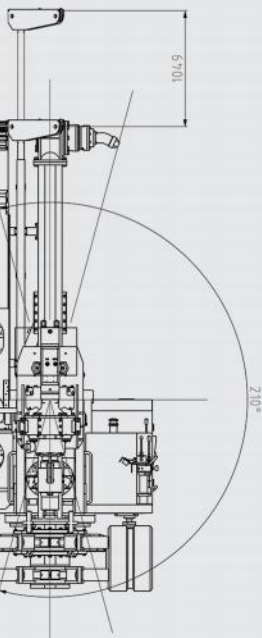
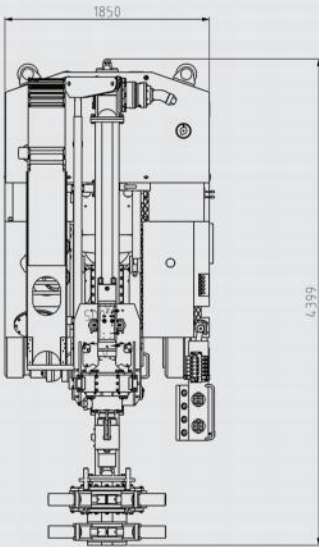
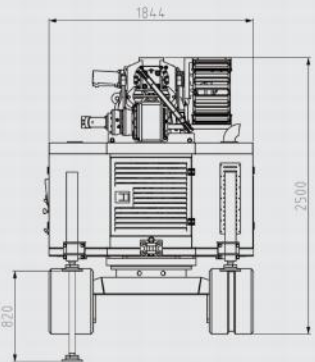
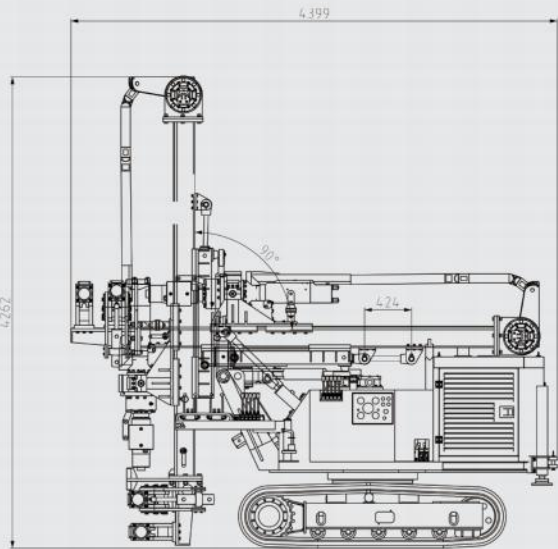
Drill Heads 动力头	Models	动力头型号	YDH802	
	Percussion Oil Pressure	冲击压力	bar	180
	Percussion Oil Flow	冲击流量	l/min	130
	Frequency	冲击频率	bpm	2500
	Percussion energy	冲击能	J	800
	Rotation Oil Pressure(Max.)	最大回转压力	bar	205
	Rotation Oil Flow	回转流量	l/min	170
	Rotation speed(Max.)	最大转速	rpm	64 32
	Rotation torque(Max.)	最大扭矩	Nm	8340 16680
Driving device 推进装置	Driving models	推进方式	提升马达+链条	Hydraulic motors and chains
	Driving force	推进力	kN	70
	Lifting force	提升力	kN	70
	Stroke	行程长	mm	3700
Moving device 行走装置	Model	方式	履带式 Crawler	
	Traveling speed	行走速度	km/h	3-4
	Max. Gradeability	爬坡能力	degree	20
Power plant 动力装置	Diesel engine	柴油机	kW	132
	Capacity of pump	泵排量	ml/r	162



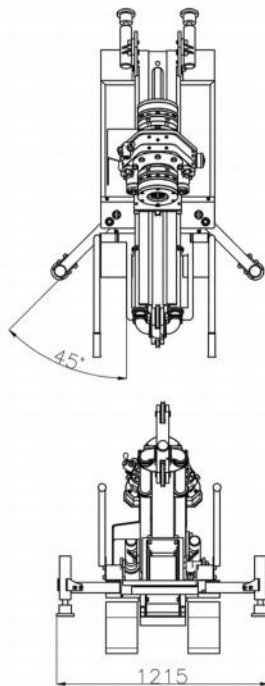
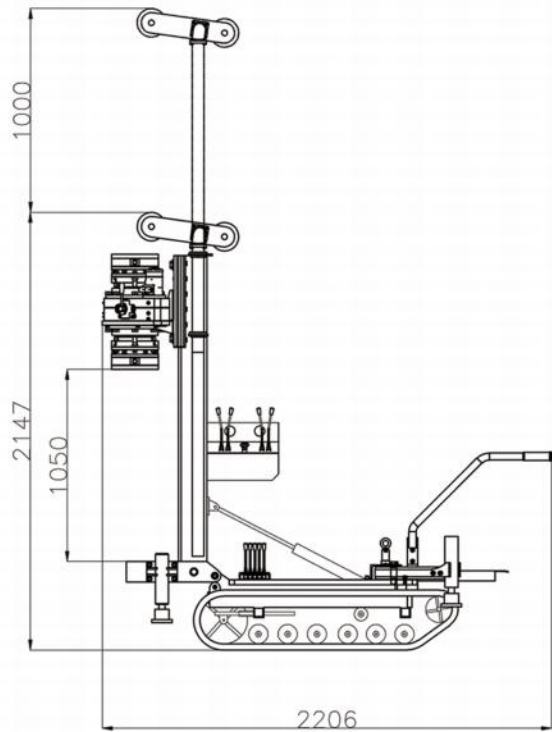
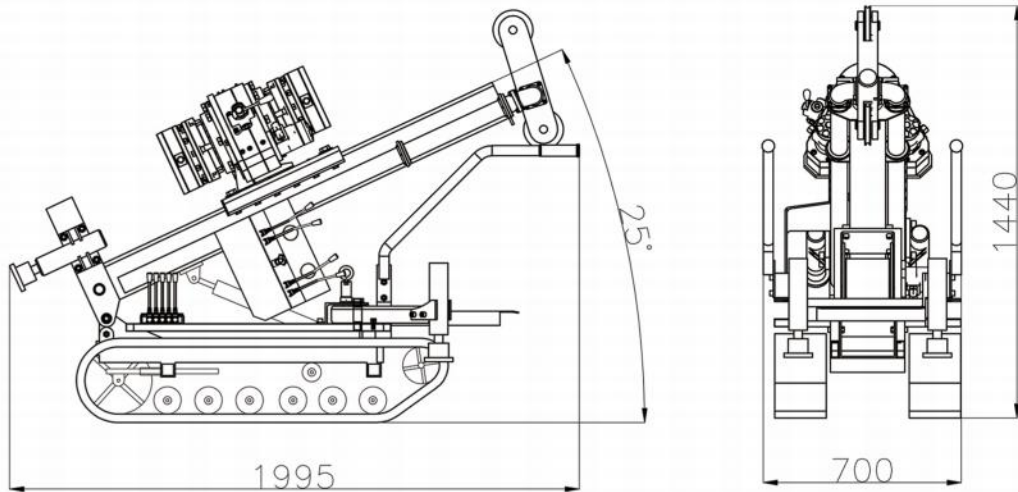
YC-100D



Drill Heads 动力头	Models	动力头型号	YDH602A	
	Percussion Oil Pressure	冲击压力	bar	130-150
	Percussion Oil Flow	冲击流量	l/min	45-85
	Frequency	冲击频率	bpm	1200
	Percussion energy	冲击能	J	230
	Rotation Oil Pressure(Max.)	最大回转压力	bar	205
	Rotation Oil Flow	回转流量	l/min	170
	Rotation speed(Max.)	最大转速	rpm	92
	Rotation torque(Max.)	最大扭矩	Nm	11500
Driving device 推进装置	Driving models	推进方式	提升马达+链条	Hydraulic motors and chains
	Driving force	推进力	kN	70
	Lifting force	提升力	kN	70
	Stroke	行程长	mm	2700
Moving device 行走装置	Model	方式	履带式 Crawler	
	Traveling speed	行走速度	km/h	3-4
	Max. Gradeability	爬坡能力	degree	20
Power plant 动力装置	Diesel engine	柴油机	kW	93
	Capacity of pump	泵排量	ml/r	135



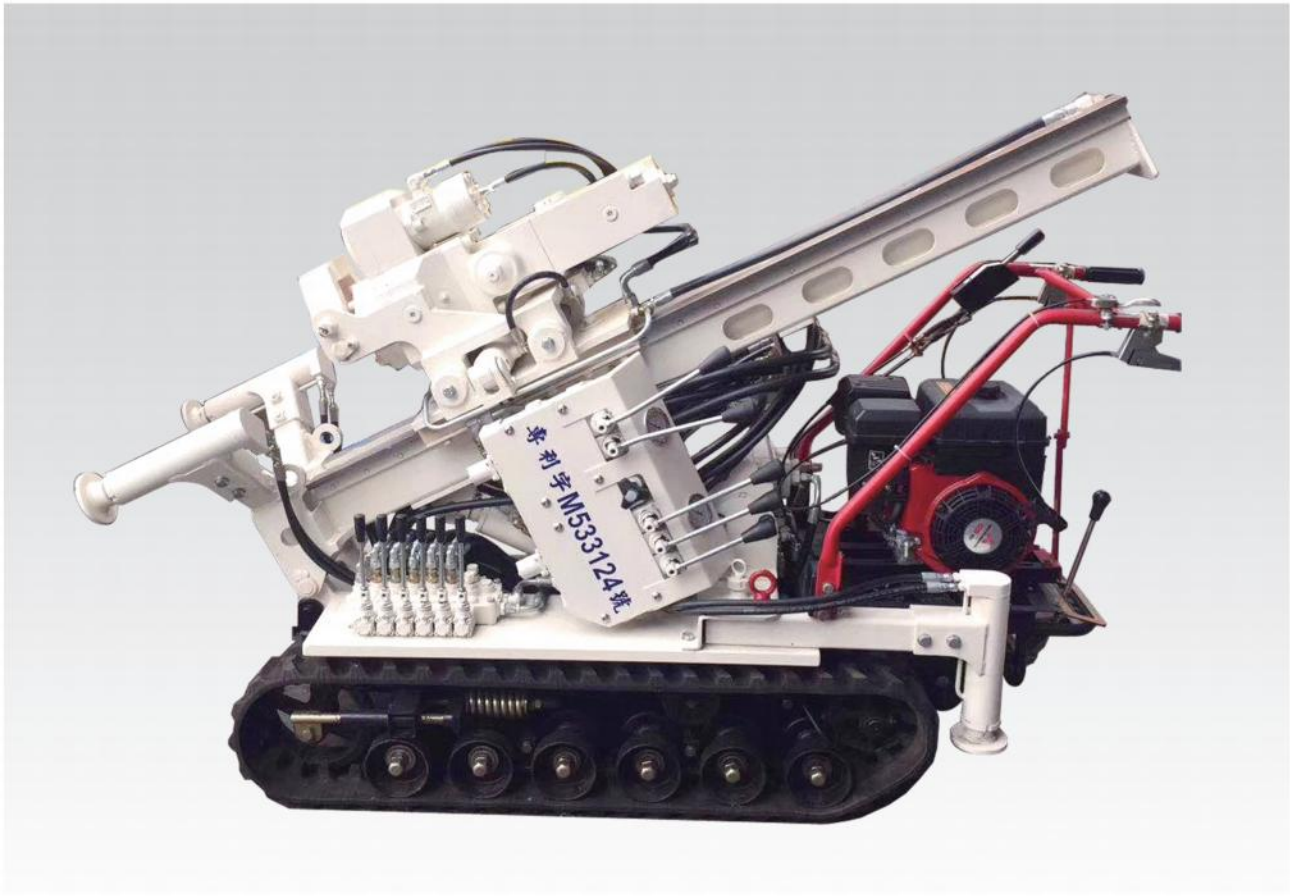
MSI 800



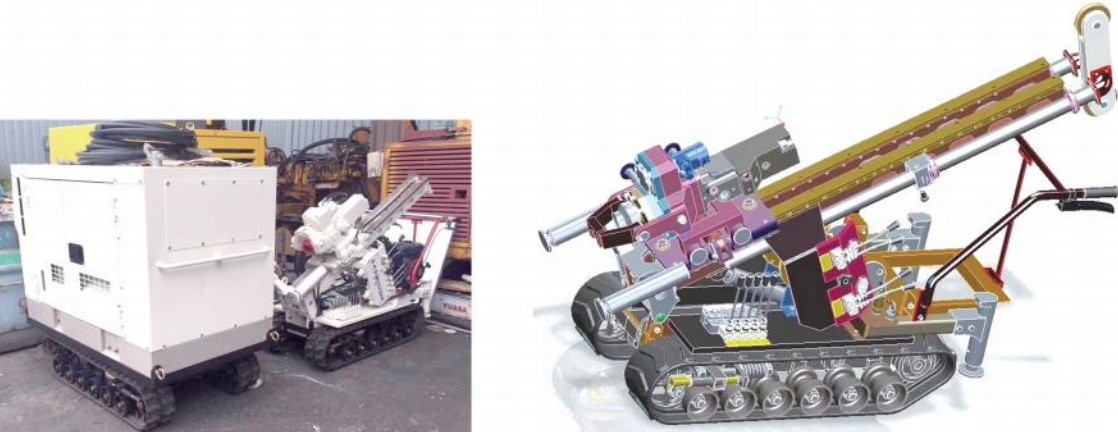
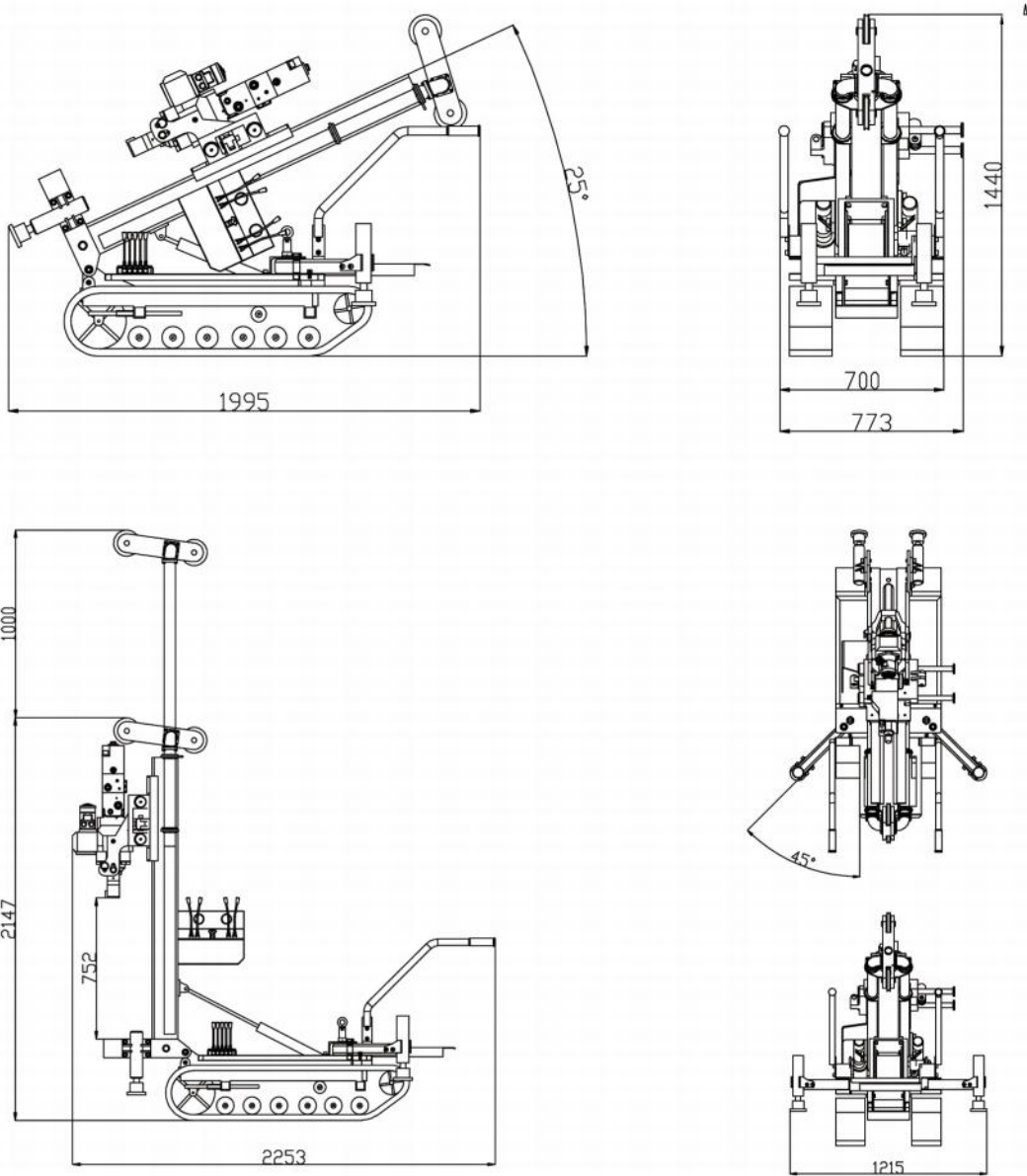
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钻孔作业范围 Drilling operation range	取芯直径	Core diameter	mm	50
	钻孔深度	Drilling depth	m	80
动力头 Drill head	型号	Model	YDR40	
	回转扭矩	Rotation torque	Nm	1200 (max)
	回转速度	Rotation speed	rpm	900 (max)
	重量	Weight	kg	190
推进装置 Driving device	推进方式	Driving model	液压油缸+钢丝 Hydrocylinder and steel wire	
	最大正向力承载 (上下两组夹具)	Thrust force (Up and down chuck)	t	2
	卷扬机起拔力	Winch pull-out force	kg	200
行走装置 Moving device	主机动力装置 (机械式传动行走)	Main power system (Mechanical transmission working)	汽油机 (Gasoline engine) 7.5Kw / 2200 rpm	
	行走速度	Traveling speed	km/h	8
	爬坡能力	Max. Gradeability	degree	35°
动力装置 Power plant	日本进口发动机	Engine made in Japan	17.5 Kw / 2200 rpm	
	分流马达	Shunt motor	1 : 3	
	齿轮泵	Gear pump	L/min	80
外形规格 Dimension	整体尺寸	Overall machine dimension	mm	2,050*1,216*1,440
	重量	Total weight	kg	1200



MSI 1000



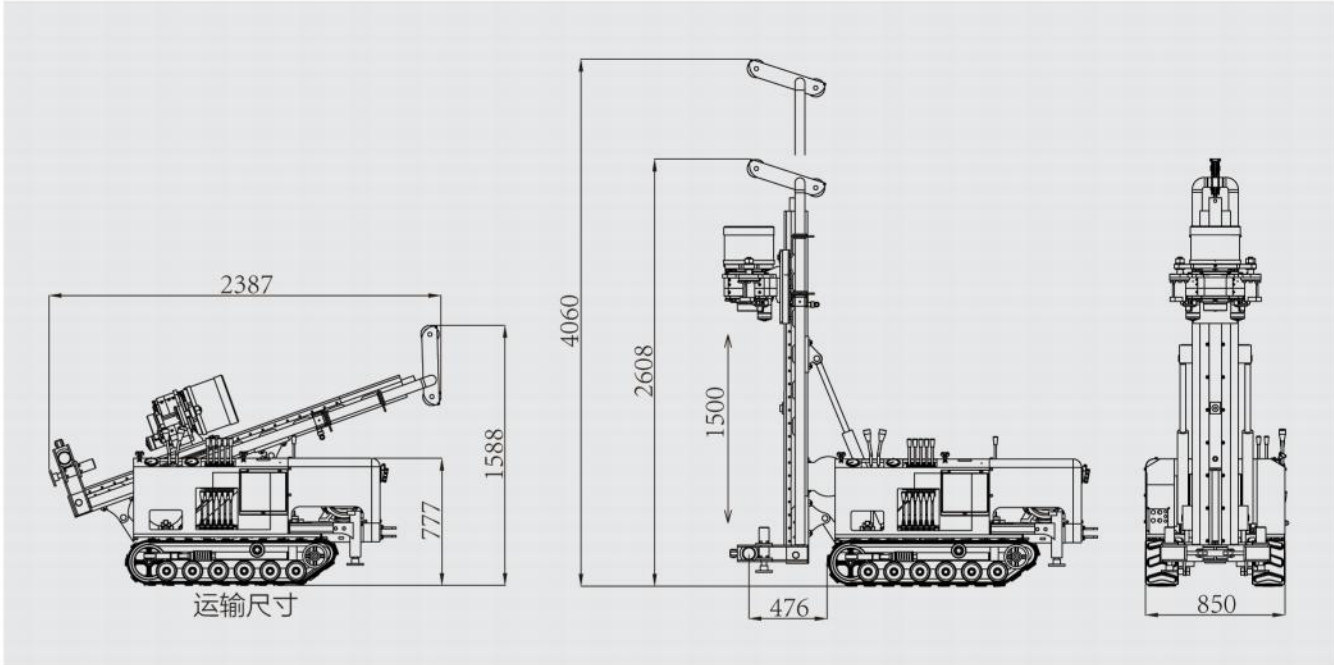
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钻孔作业范围 Drilling operation range	取芯直径	Core diameter	mm	76
	钻孔深度	Drilling depth	m	80
动力头 Drill head	型号	ModelYDH715A		
	冲击压力	Percussion Oil Pressure	bar	170
	冲击流量	Percussion Oil Flow	l/min	70
	冲击频率	Percussion frequency	bpm	1900
	冲击功	Percussion energy	J	250
	回转压力	Rotation Oil Pressure	bar	170
	回转流量	Rotation Oil Flow	l/min	60
	回转扭矩	Rotation torque	Nm	320 (Max)
	回转速度	Rotation speed	rpm	470 (Max)
	重量	Weight	kg	200
行走装置 Moving device	主机动力装置 (机械式传动行走)	Main power system (Mechanical transmission working)	汽油机 (Gasoline engine) 7.5Kw / 2200 rpm	
	行走速度	Traveling speed	km/h	8
	爬坡能力	Max. Gradeability	degree	35°
动力装置 Power plant	日本进口发动机	Engine made in Japan	35 Kw / 2200 rpm	
	齿轮泵	Gear pump	L/min	90
外形规格 Dimension	整体尺寸	Overall machine dimension	mm	2,050*1,216*1,440
	重量	Total weight	kg	1200



SIR 800



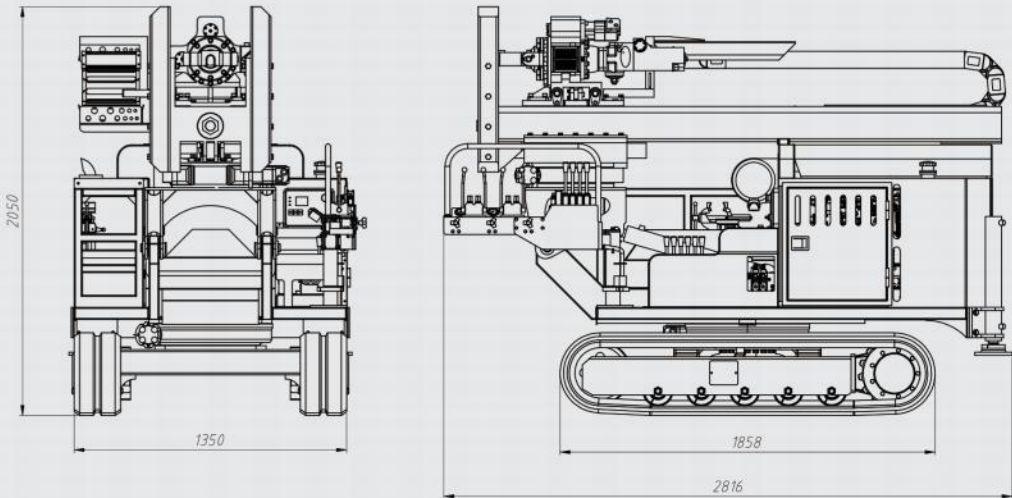
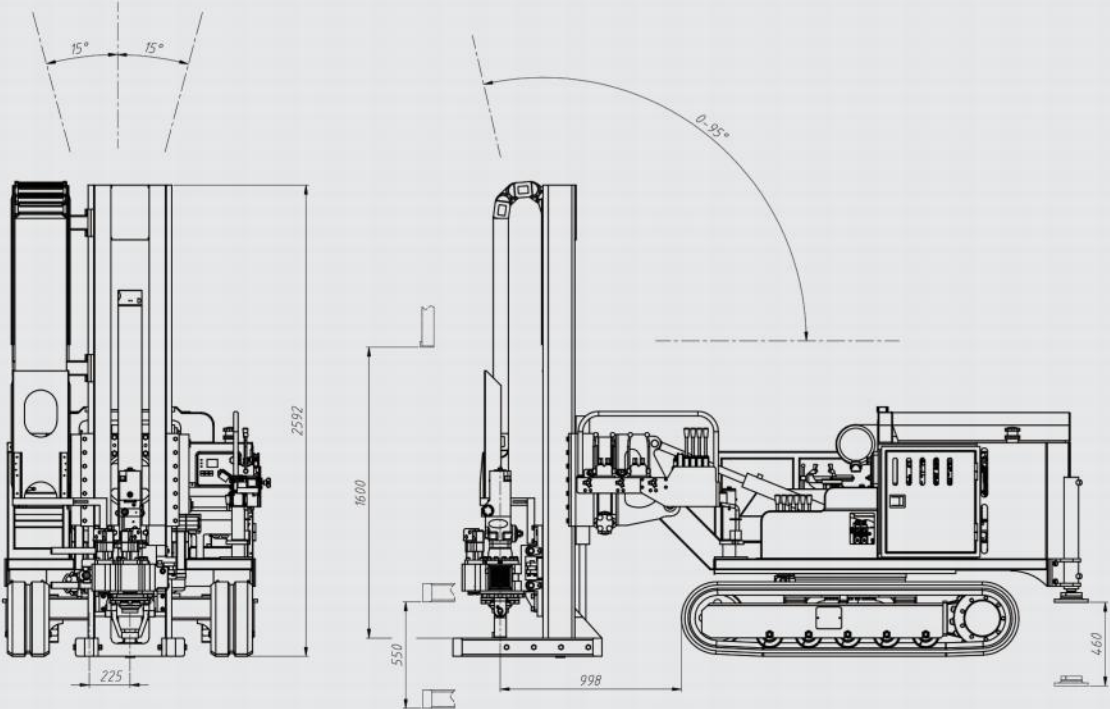
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钻孔作业范围 Drilling operation range	取芯直径	Core diameter	mm	50
	钻孔深度	Drilling depth	m	80
动力头 Drill head	型号	Model	YDR40	
	回转扭矩	Rotation torque	Nm	800(max)
	回转速度	Rotation speed	rpm	200 (max)
	重量	Weight	kg	190
推进装置 Driving device	推进方式	Driving model	液压油缸 Hydrocylinder	
	最大正向力承载 (上下两组夹具)	Thrust force (Up and down chuck)	t	2
	卷扬机起拔力	Winch pull-out force	kg	200
行走装置 Moving device	主机动力装置	Main power system	液压马达驱动 Hydraulic motor	
	行走速度	Traveling speed	km/h	2
	爬坡能力	Max. Gradeability	degree	35°
动力装置 Power plant	电机 220/380V 50/60Hz	Electromotor 220/380V 50/60Hz	15HP / 1780rpm	
	分流阀	Shunt valve	1 : 4	
	柱塞泵	Piston pump	L/min	65
外形规格 Dimension	整体尺寸	Overall machine dimension	mm	2,390*850*1,590
	重量	Total weight	kg	1100



YC-70D



Drill Heads 动力头	Models	动力头型号	YDH2004F	
	Percussion Oil Pressure	冲击压力	bar	150-170
	Percussion Oil Flow	冲击流量	l/min	50-70
	Frequency	冲击频率	bpm	1900
	Percussion energy	冲击能	J	250
	Rotation Oil Pressure(Max.)	最大回转压力	bar	170
	Rotation Oil Flow	回转流量	l/min	75
	Rotation speed(Max.)	最大转速	rpm	51
	Rotation torque(Max.)	最大扭矩	Nm	7160
	Driving models	推进方式	液压油缸	Hydrocylinder
Driving device 推进装置	Driving force	推进力	kN	180
	Lifting force	提升力	kN	257
	Stroke	行程长	mm	1600
	Model	方式	履带式	Crawler
Moving device 行走装置	Traveling speed	行走速度	km/h	2.5
	Max. Gradeability	爬坡能力	degree	35
	Diesel engine	柴油机	kW	55.4

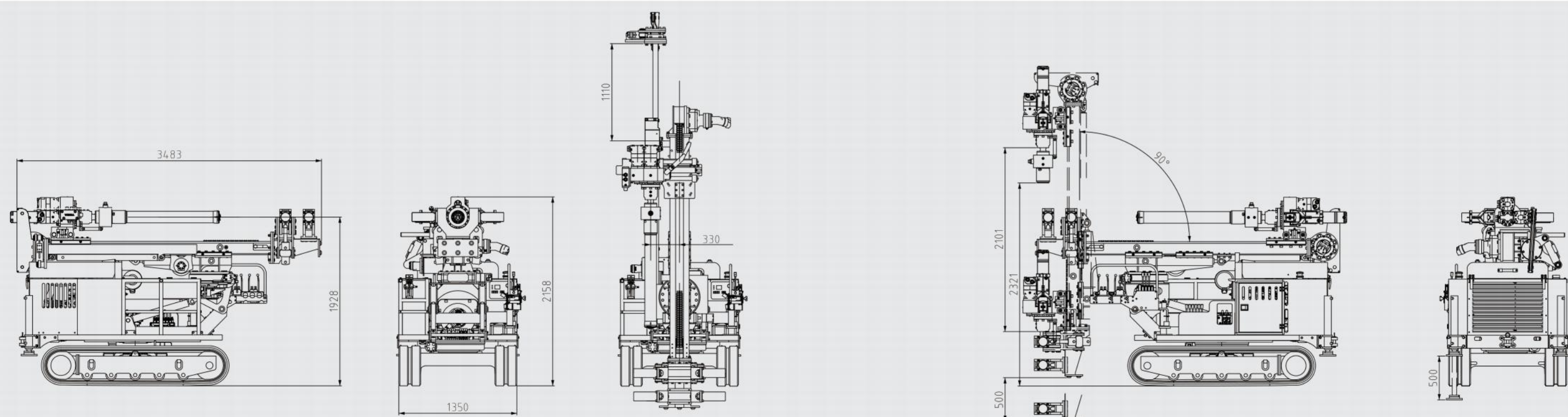


YC-70E

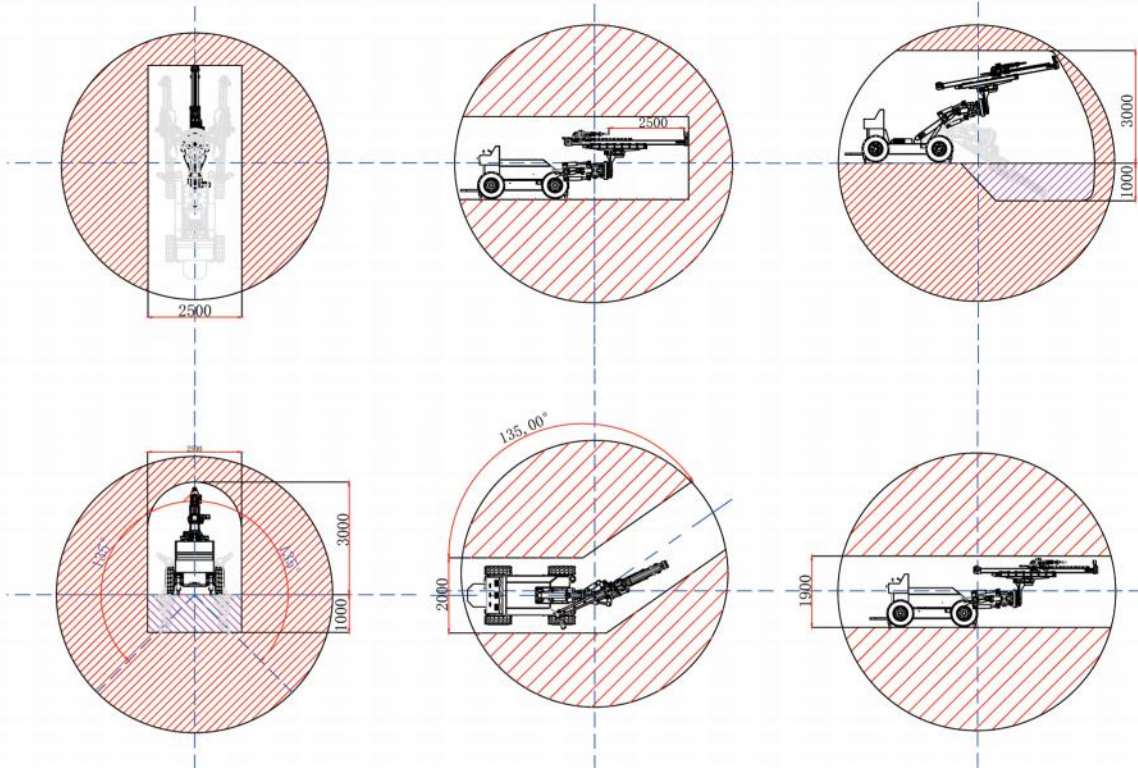
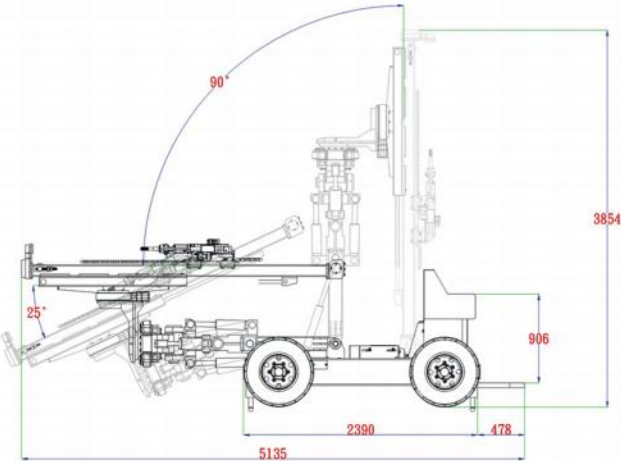
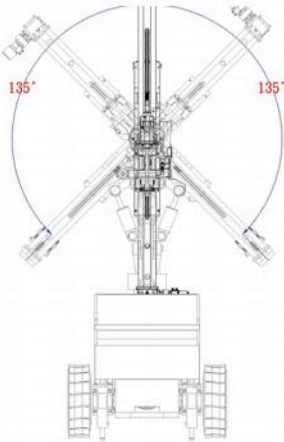
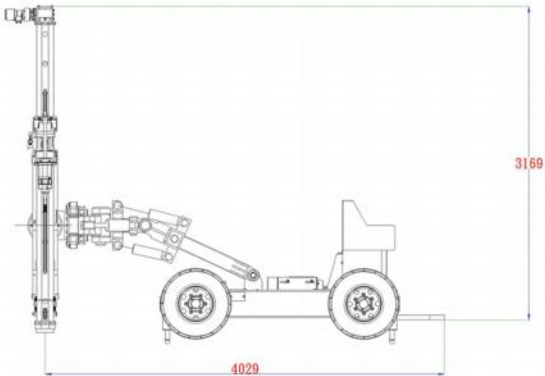
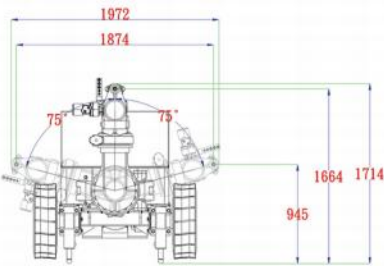
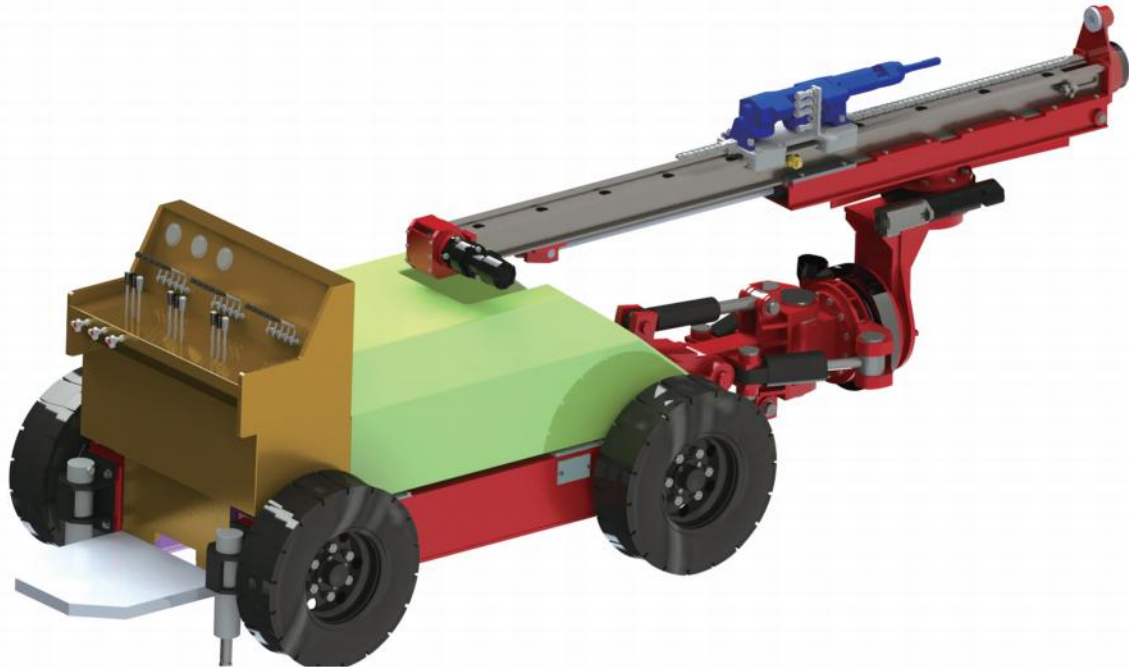
SPT components are optional
可选配 SPT 组件



Drill Heads 动力头	Models	动力头型号	YDH2004F	
	Percussion Oil Pressure	冲击压力	bar	150-170
	Percussion Oil Flow	冲击流量	l/min	50-70
	Frequency	冲击频率	bpm	1900
	Percussion energy	冲击能	J	250
	Rotation Oil Pressure(Max.)	最大回转压力	bar	170
	Rotation Oil Flow	回转流量	l/min	75
	Rotation speed(Max.)	最大转速	rpm	51
	Rotation torque(Max.)	最大扭矩	Nm	7160
Driving device 推进装置	Driving models	推进方式	提升马达+链条	Hydraulic motors and chains
	Driving force	推进力	kN	70
	Lifting force	提升力	kN	70
	Stroke	行程长	mm	2100
Moving device 行走装置	Model	方式	履带式	Crawler
	Traveling speed	行走速度	km/h	2.5
	Max. Gradeability	爬坡能力	degree	35
Power plant 动力装置	Diesel engine	柴油机	kW	55.4



YDU210



钻孔/作业范围 Drilling operation range	型号	Model	YDU210	
	钻孔口径	Drilling diameter	mm	32-110
	钻孔角度	Boom lifting angle	360°	
	钻杆尺寸	Drill pipe size	mm	R32 / R38
	钻杆长度	Drill pipe length	m	1-3.15
动力头 Drill head	型号	Model	YHD210	
	功率	Output energy	Kw	18
	冲击频率	Percussion frequency	bpm	3700
	冲击功	Percussion energy	J	300
	回转扭矩	Rotation torque	Nm	max.830
	回转速度	Rotation speed	rpm	max.250
	重量	Weight	kg	180
推进装置 Driving device	推进方式	Model	链条 Chains	
	推进力	Driving force	kgf	1500
	推进速度	Driving speed	m/min	3
	快进速度	Fast forward speed	m/min	40
	提升力	Lifting force	kgf	2000
	行程长	Stroke	mm	2500-4000
行走装置 Moving device	方式	Model	轮式	液压马达驱动 Hydraulic motor
	柴油动力	Engine	HP	22
	齿轮泵	Gear pump	ml / r	25
动力装置 Power plant	电机	Electromoter	Kw	55
	齿轮泵	Gear pump	ml / r	100/20
外形规格 Dimension	整体尺寸(L*W*H)	Overall machine dimension	mm	5,000*1,600*1,600
	重量	Total weight	kg	3000-3500

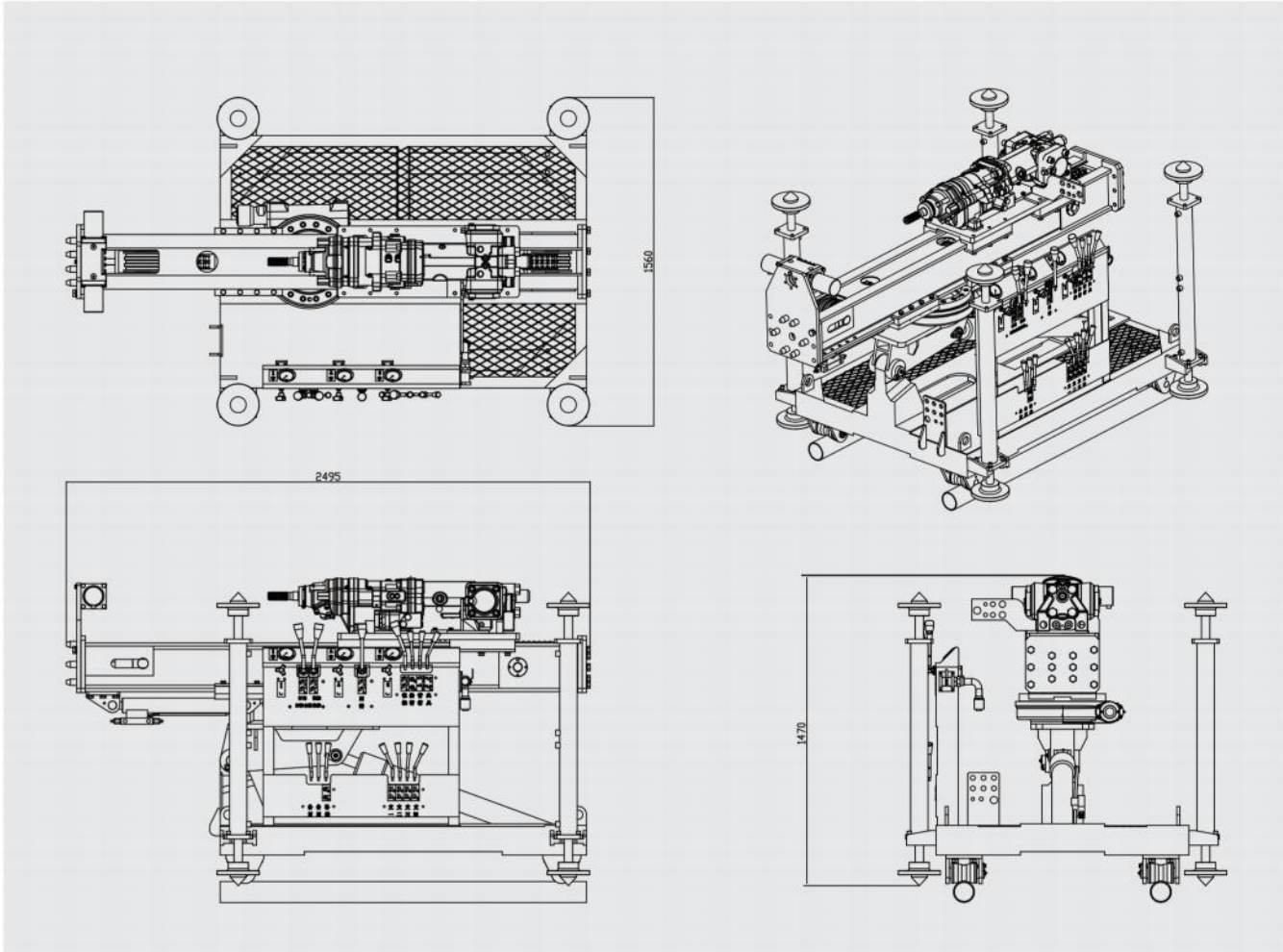
YDU300



动力站 Power Unit

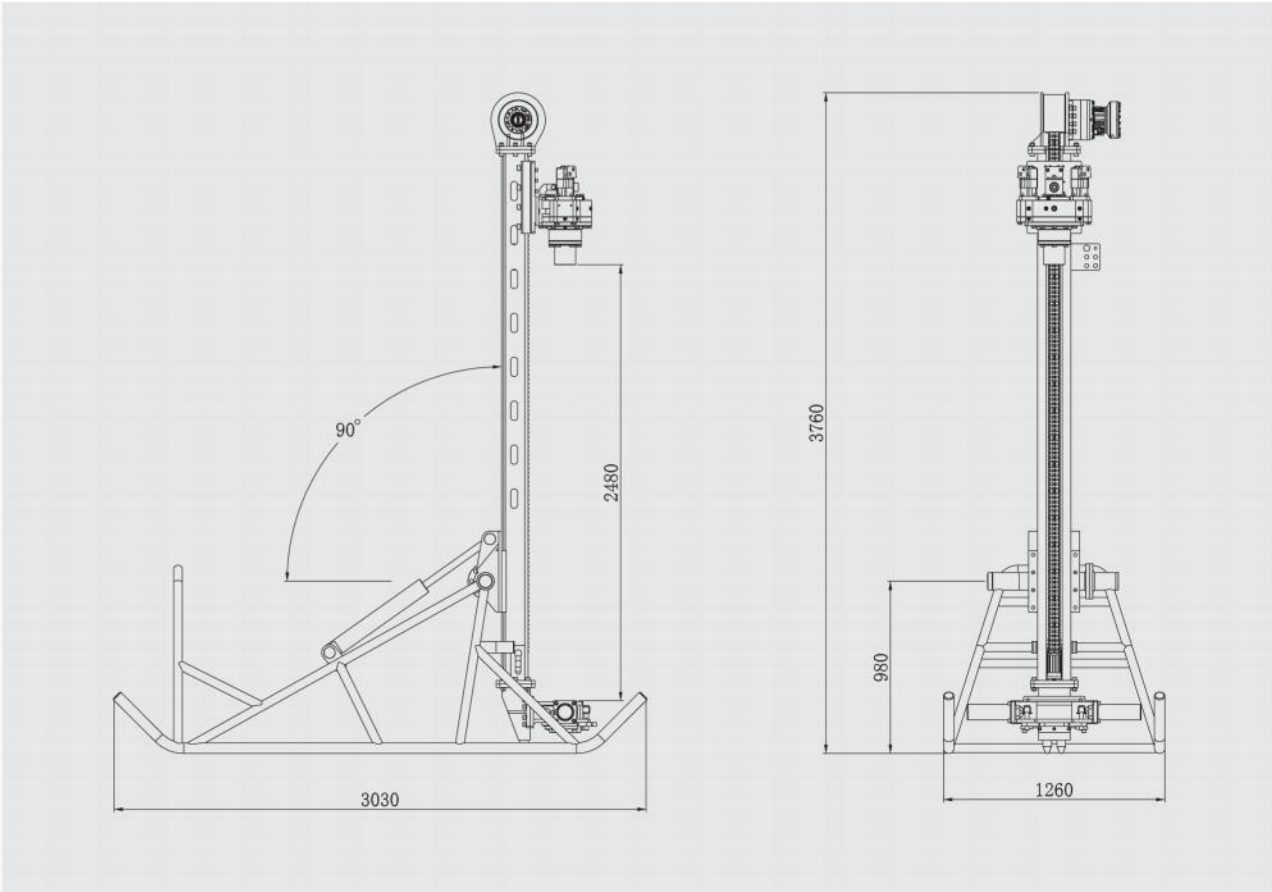
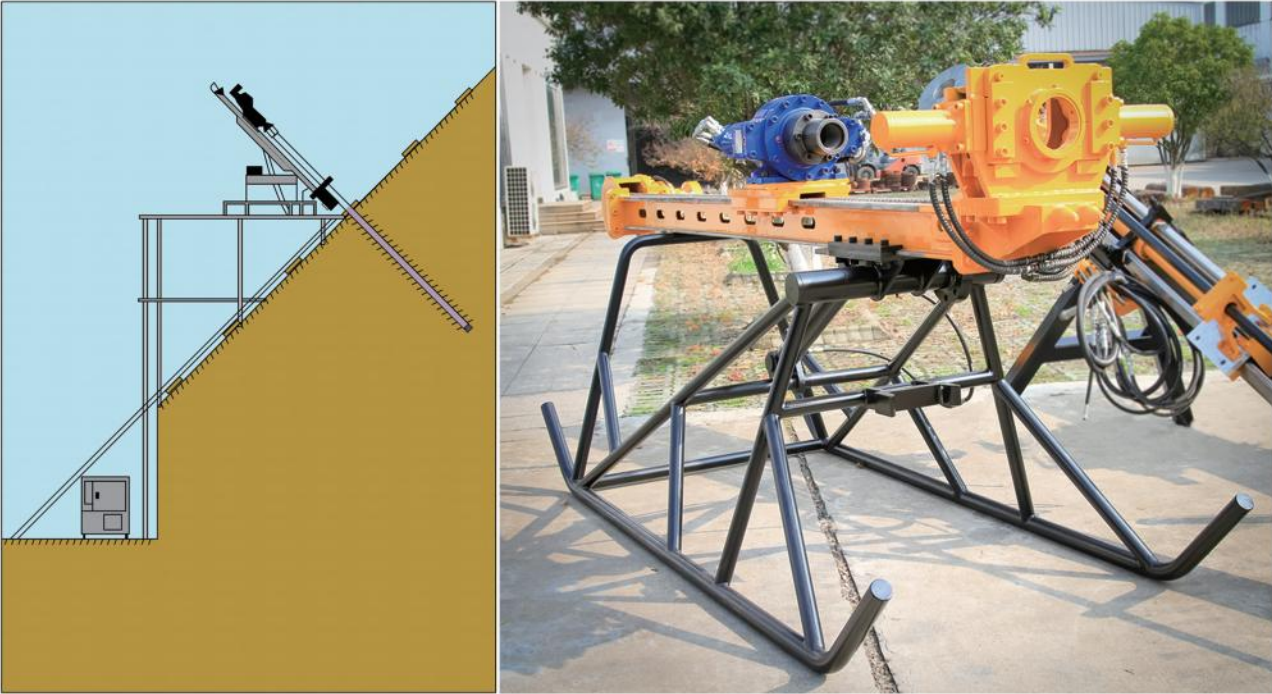
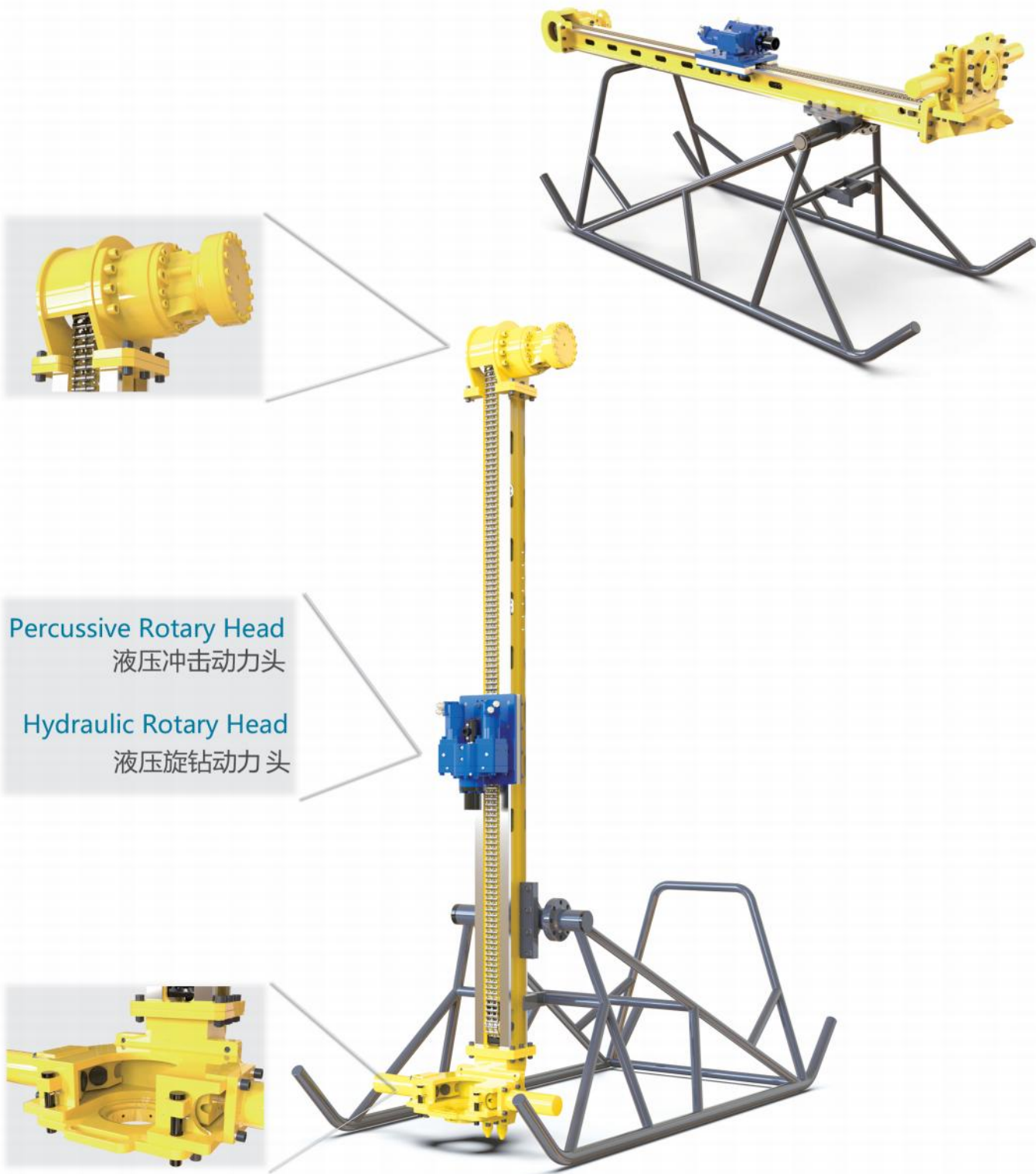


操控台 Operation

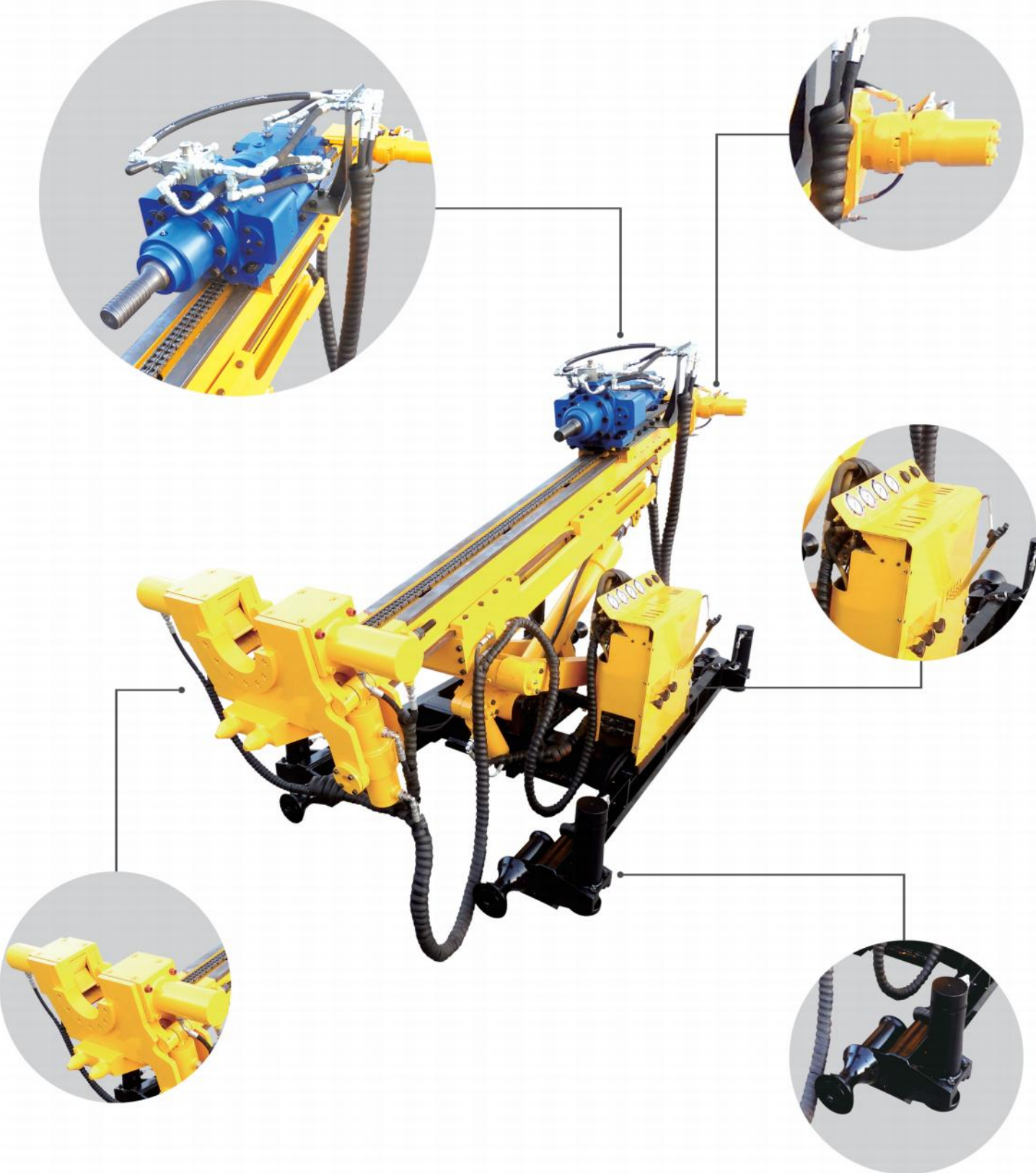


动力头 Drill head	型号	Model	YDU300	
	型号	Model	YHD300	
	冲击压力	Percussion Oil Pressure	bar	175
	冲击流量	Percussion Oil Flow	l/min	100-120
	冲击频率	Percussion frequency	bpm	2500-3700
	功率	Output energy	kW	30
	回转压力	Rotation Oil Pressure	bar	150
	回转流量	Rotation Oil Flow	l/min	40-50
	回转扭矩(最大)	Rotation torque(Max)	Nm	830
	回转速度(最大)	Rotation speed(Max)	rpm	250
推进装置 Driving device	重量	Weight	kg	230
	推进方式	Driving model	液压油缸 Hydrocylinder	
	推进力	Driving force	kgf	4000
	提升力	Lifting force	kgf	6000
	电机	Electromotor	Kw	55
	齿轮泵	Gear pump	ml / r	80/63
动力装置 Power plant	整体尺寸	Overall machine dimension	mm	2,500*1,600*1,500
外形规格 Dimension	重量	Total weight	kg	1800

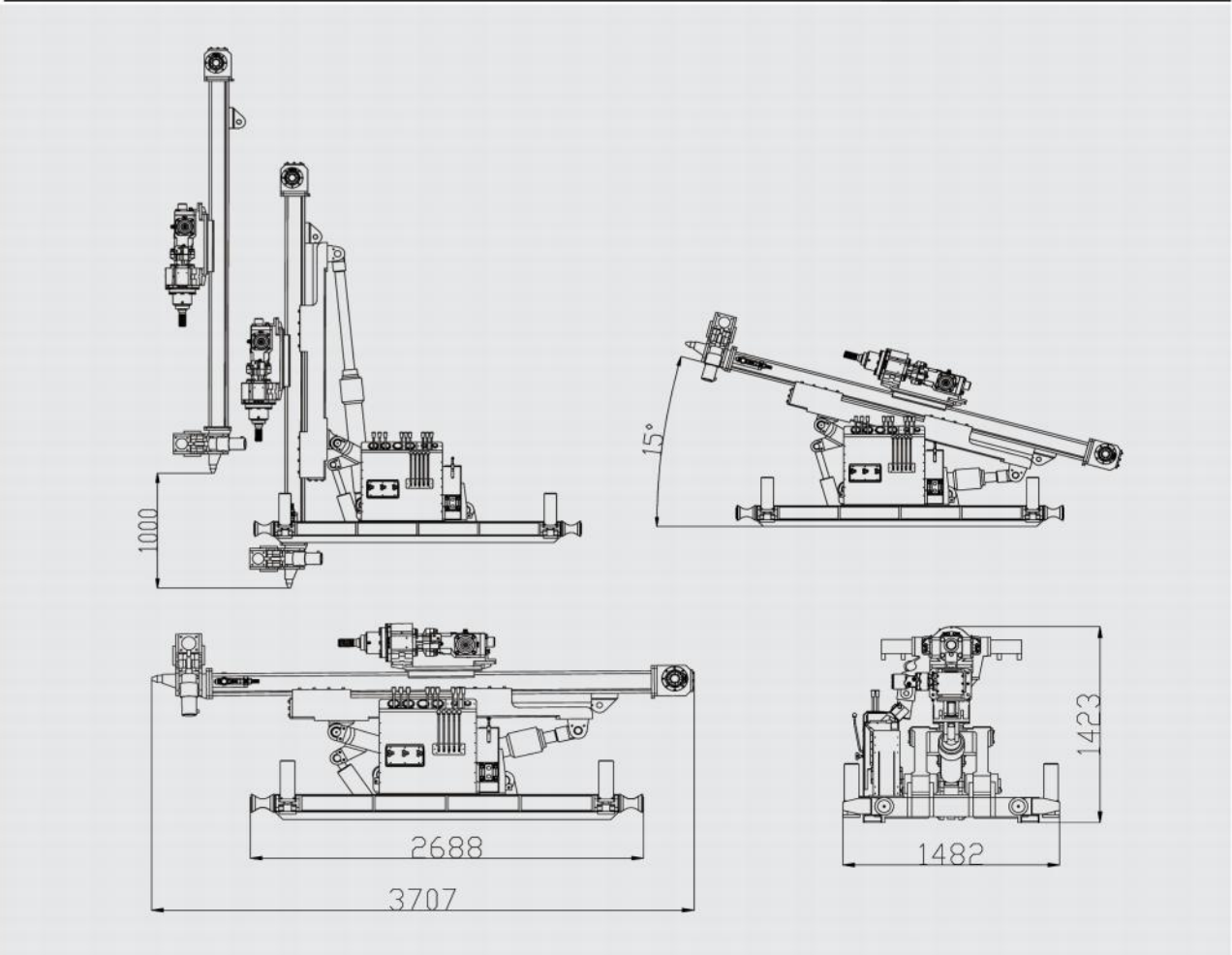
YDP20



YDP2004B



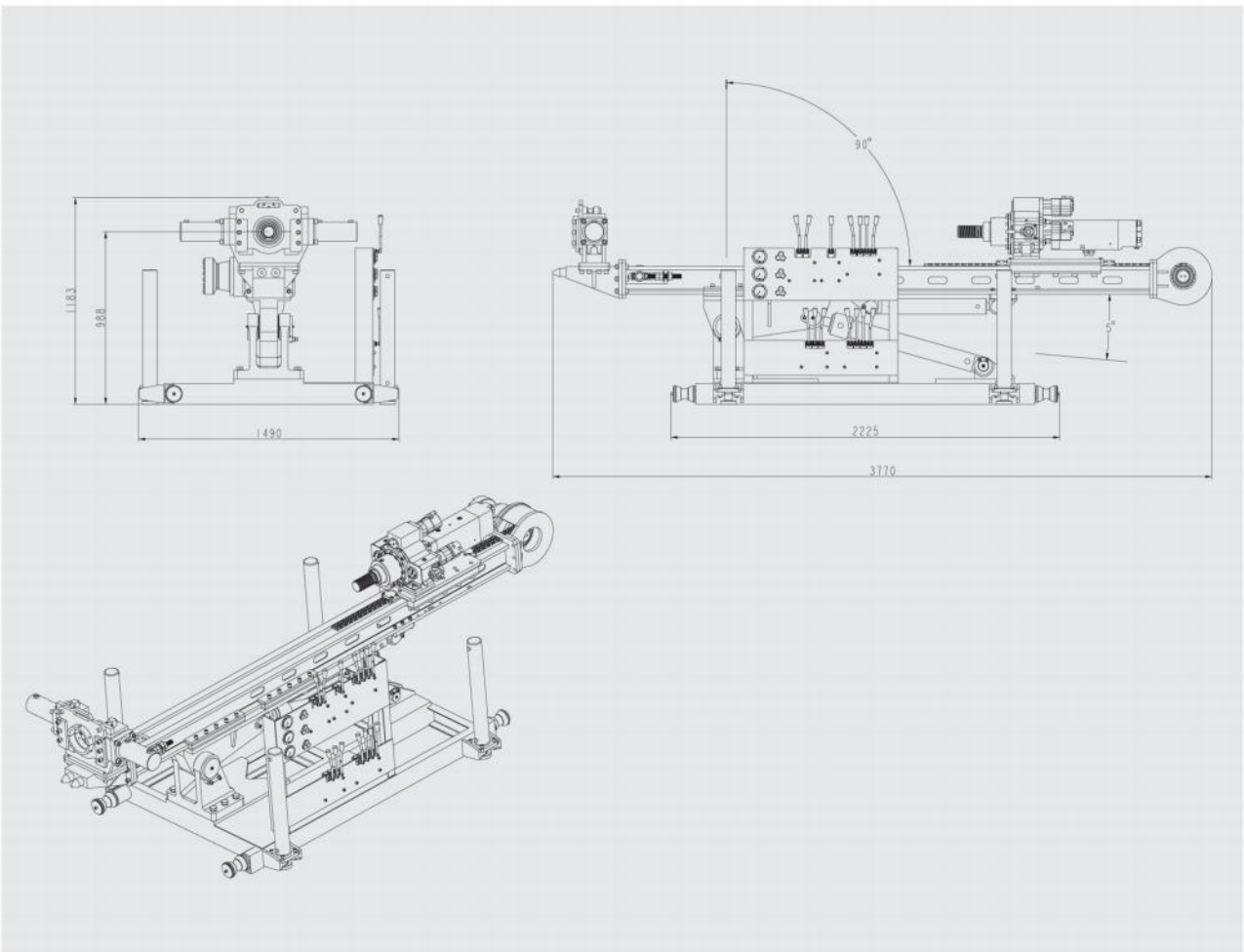
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	钻孔深度	Drilling depth	m
	钻杆尺寸	Drill pipe	mm
	钻杆长度	Drill pipe dimension	m
动力头 Percussive Rotary Head	型号	Models	YDH2004B
	冲击频率	Percussion frequency	Bpm
	冲击能	Percussion energy	J
	转速	Rotation	Rpm
	扭矩	Torque	Nm
	重量	Weight	Kg
推进装置 Driving device	推进方式	Driving way	液压马达和链条 Hydraulic motors and chains
	推进力	Driving force	kgf
	提升力	Lift force	kgf
	推进速度	Driving speed	m/min
	快进速度	Fast forward speed	m/min
	行程	Stroke	mm
外形规格 Dimension	整体尺寸	Whole dimension	mm
	整体重量	Whole weight	Kg



YDP2004D



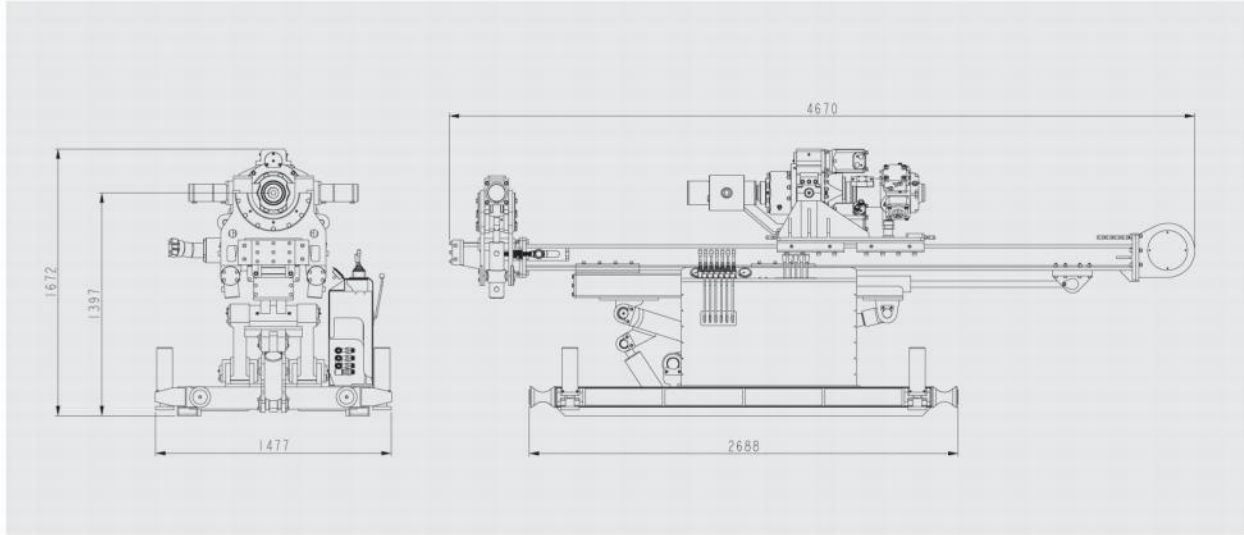
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钻孔作业范围 Drilling operation range	钻孔口径	Drilling diameter	mm	65-133
	钻孔深度	Drilling depth	m	50
	钻杆尺寸	Drill pipe	mm	Max.133
	钻杆长度	Drill pipe dimension	m	1.5 or 2
动力头 Percussive Rotary Head	型号	Models	YDH2004D	
	冲击频率	Percussion frequency	Bpm	2200-2400
	冲击能	Percussion energy	J	300
	转速	Rotation	Rpm	80/40/27
	扭矩	Torque	Nm	1860/3720/5600
	重量	Weight	Kg	235
推进装置 Driving device	推进方式	Driving way	液压马达和链条 Hydraulic motors and chains	
	推进力	Driving force	kgf	4000
	提升力	Lift force	kgf	4000
	推进速度	Driving speed	m/min	7
	快进速度	Fast forward speed	m/min	25
	行程	Stroke	mm	2100
	整体尺寸	Whole dimension	mm	3770 X 1490 X 1190
外形规格 Dimension	整体重量	Whole weight	Kg	1500



YDP603

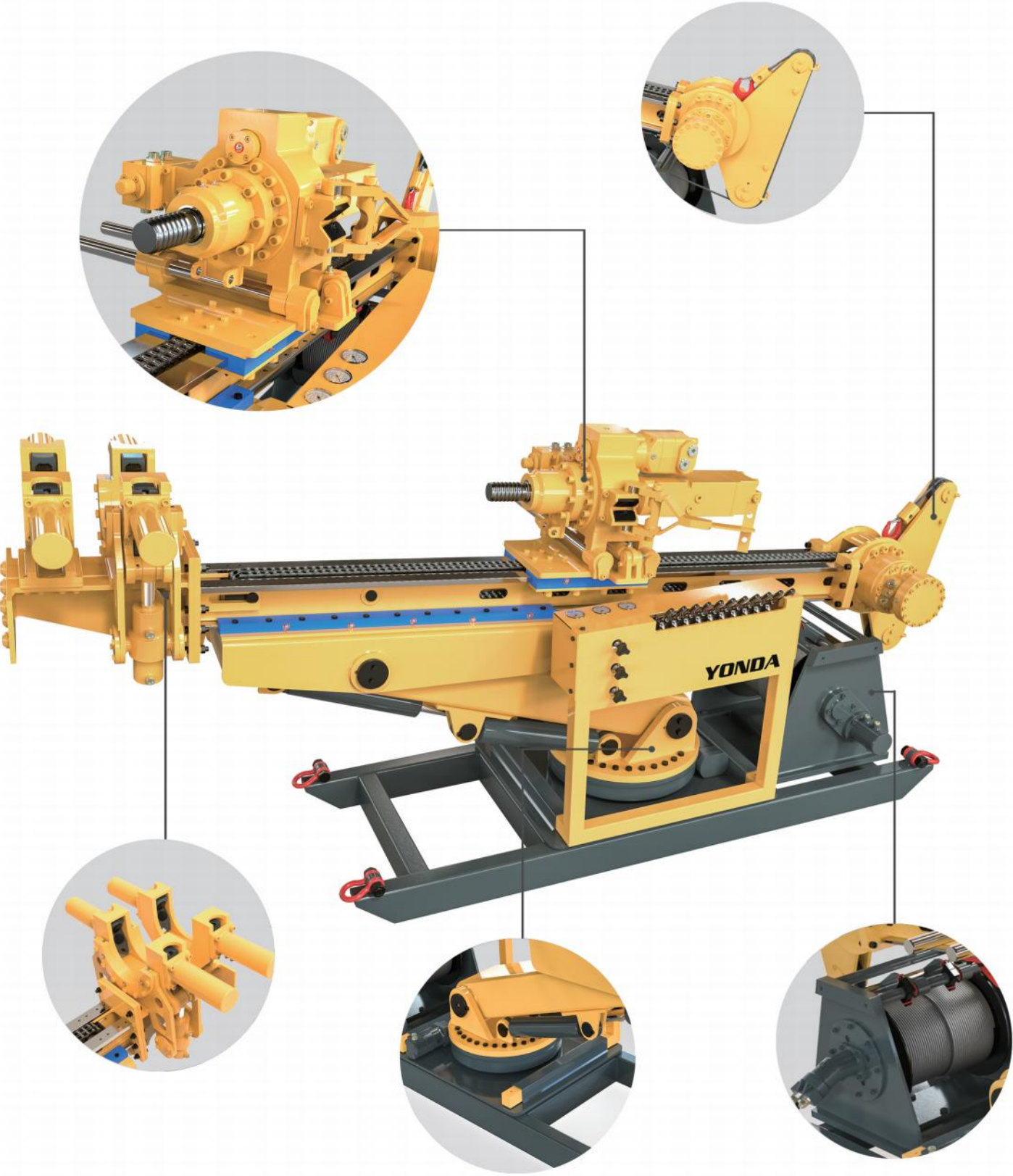


液压动力站 Power Unit

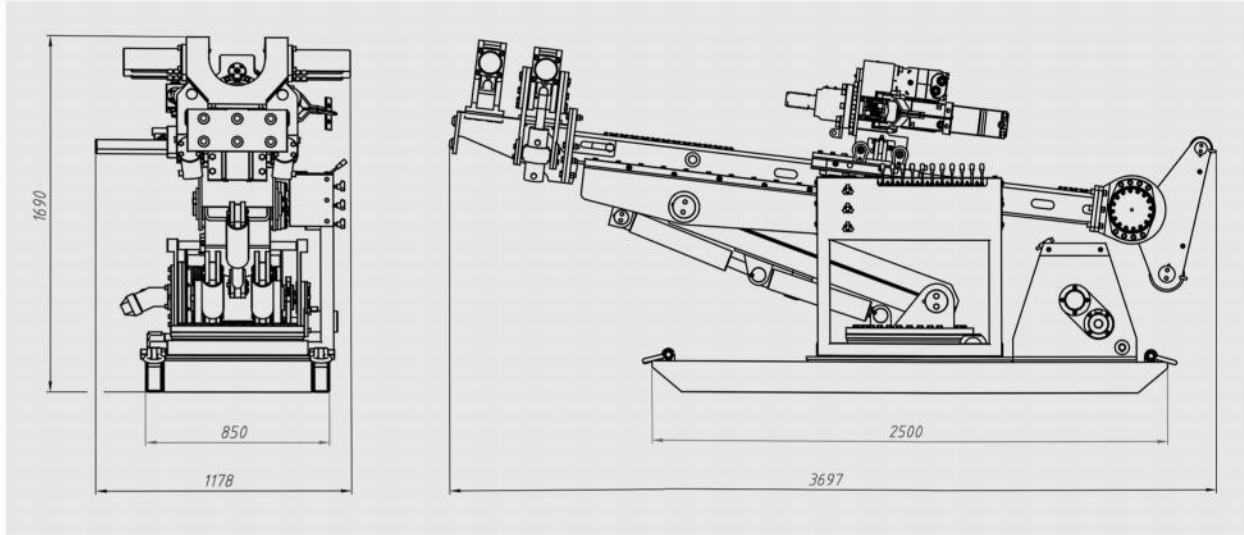


钻孔作业范围 Drilling operation range	型号	Models	YDP603	
	钻孔口径	Drilling diameter	mm	65-133
	钻孔深度	Drilling depth	m	80
	钻杆尺寸	Drill pipe	mm	Max.133
动力头 Percussive Rotary Head	钻杆长度	Drill pipe dimension	m	1.5 or 2
	型号	Models	YDH603	
	冲击频率	Percussion frequency	Bpm	2500
	冲击能	Percussion energy	J	580
推进装置 Driving device	转速	Rotation	Rpm	92/46/30
	扭矩	Torque	Nm	5750/11500/17250
	重量	Weight	Kg	620
	推进方式	Driving way	液压马达和链条 Hydraulic motors and chains	
外形规格 Dimension	推进力	Driving force	kgf	6000
	提升力	Lift force	kgf	6000
	推进速度	Driving speed	m/min	7
	快进速度	Fast forward speed	m/min	25
	行程	Stroke	mm	2100
	整体尺寸	Whole dimension	mm	3770 X 1490 X 1190
	整体重量	Whole weight	Kg	1900

YDP500



液压动力站 Power Unit

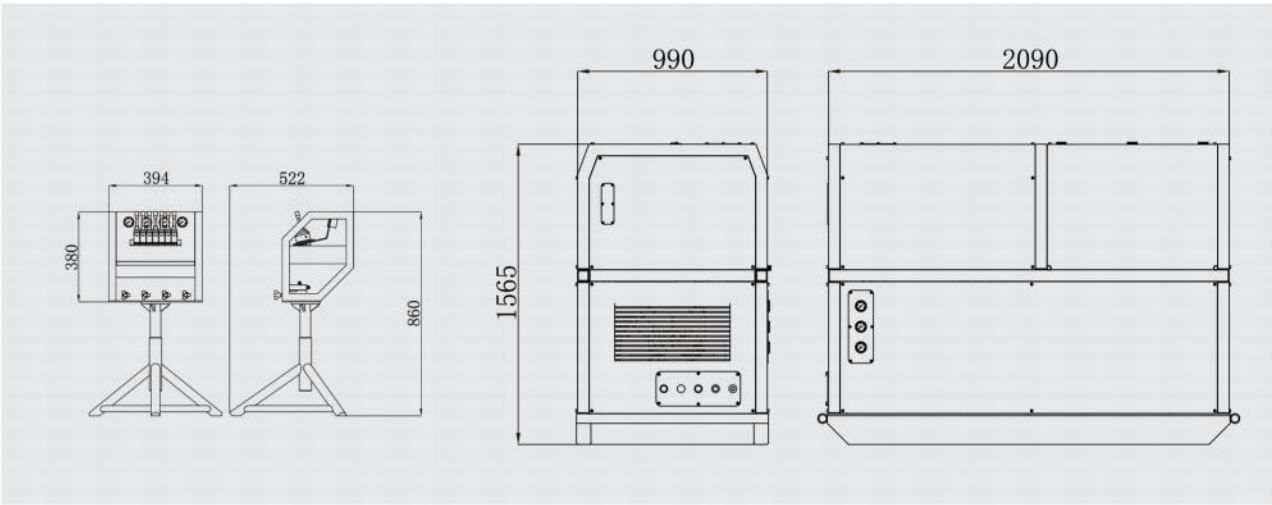
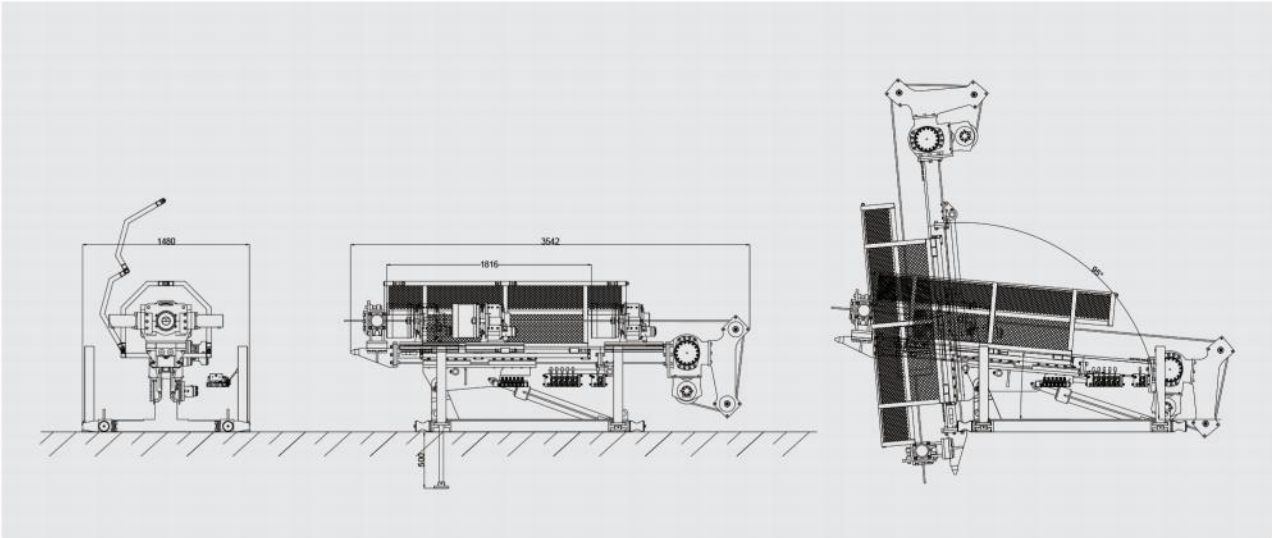


型号	Models	YDP500	
钻孔口径	Drilling diameter	mm	65-133
钻孔深度	Drilling depth	m	30
钻杆尺寸	Drill pipe	mm	Max.133
钻杆长度	Drill pipe dimension	m	1.5 or 2
动力头 Percussive Rotary Head	冲击频率	Percussion frequency	Bpm 2200-2400
	冲击能	Percussion energy	J 480
	转速	Rotation	Rpm 80/40
	扭矩	Torque	Nm 2000/4000
推进装置 Driving device	推进方式	Driving way	液压马达和链条 Hydraulic motors and chains
	推进力	Driving force	kgf 4000
	提升力	Lift force	kgf 4000
	推进速度	Driving speed	m/min 7
	快进速度	Fast forward speed	m/min 25
	行程	Stroke	mm 2100
外形规格 Dimension	整体尺寸	Whole dimension	mm 3700 X 1180 X 1690
	整体重量	Whole weight	Kg 1500

YDP40



液压动力站 Power Unit



型号		Models		YDP40
动力头 Rotary Head	钻孔口径	Drilling diameter	mm	0~160
	钻孔深度	Drilling depth	m	30
	钻杆尺寸	Drill pipe	mm	43~93
	钻杆长度	Drill pipe dimension	m	1.5 ~2
	型号	Models		YDR40
推进装置 Driving device	转速	Rotation	Rpm	235/117
	扭矩	Torque	Nm	440/880
	重量	Weight	Kg	181
	推进方式	Driving way		液压马达和链条 Hydraulic motors and chains
外形规格 Dimension	推进力	Driving force	kgf	1500
	提升力	Lift force	kgf	8000
	推进速度	Driving speed	m/min	7
	快进速度	Fast forward speed	m/min	40
	行程	Stroke	mm	3000
外形规格 Dimension	整体尺寸	Whole dimension	mm	3550 X 1480 X 1340
	整体重量	Whole weight	Kg	1500

液压动力站 Hydraulic power unit



电机动力

功率:

37kW, 45kW, 55kW, 75kW

可配套快接油管接头

Electric motor power

Power:

37kW, 45kW, 55kW, 75kW

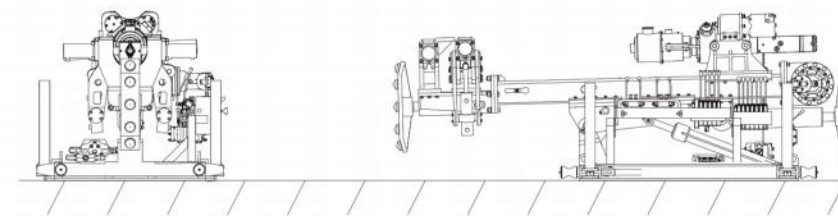
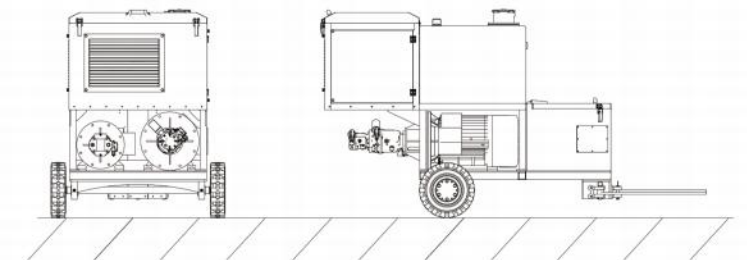
Optional quick-connect
oil hose fitting available



灵活多样的组成 Flexible and diverse composition

可选电机驱动或柴油发动机驱动

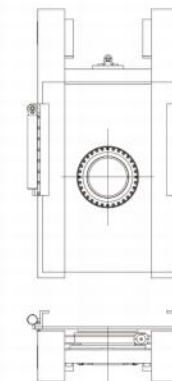
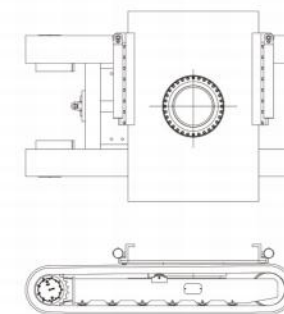
Can be optionally driven by an electric
motor or a diesel engine.



台架钻总成
Portable drill

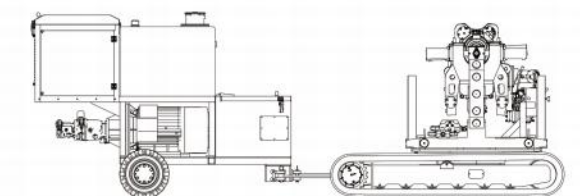
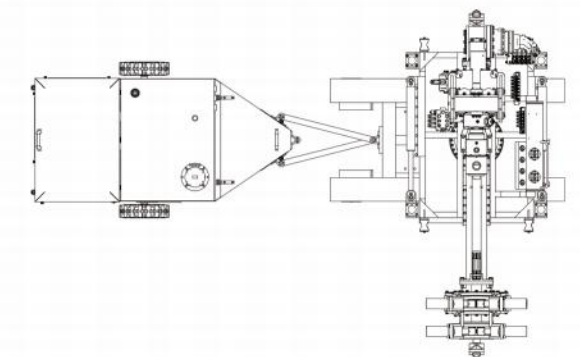
可配履带底盘

Optional: Crawler Chassis.



组合示意

Assembly Diagram



MLD50H

- 容易操控

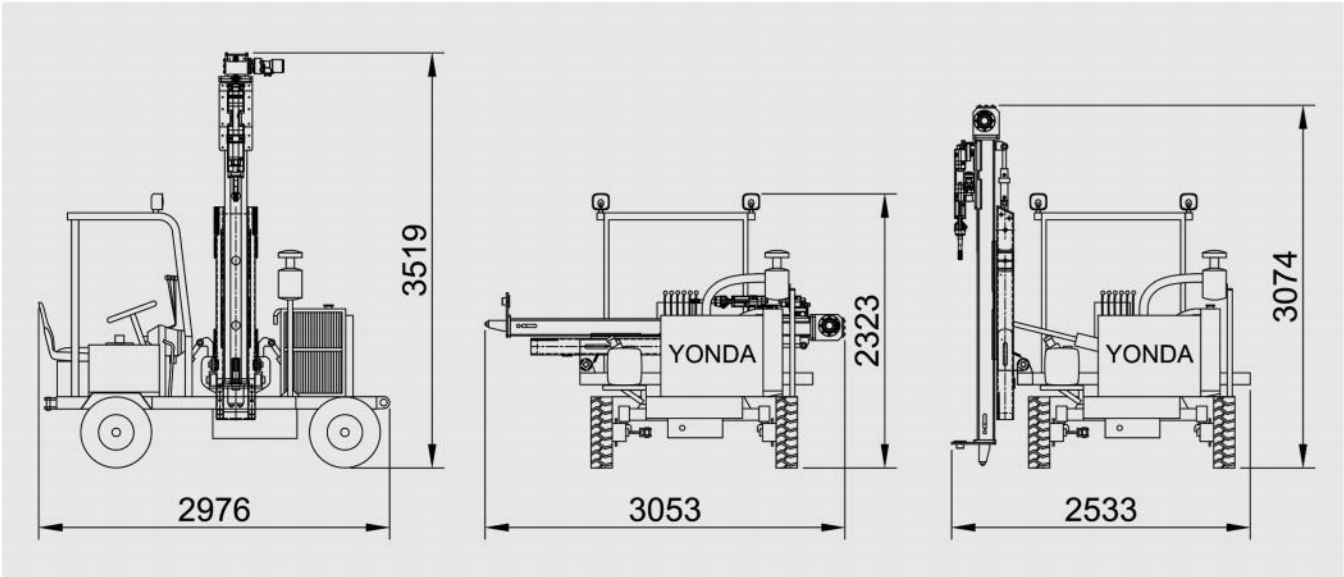
● 易于维护

● 施工成本低
- Easy to operate

● Easy to maintain

● Low construction cost

Multiple drifter are available.
多种动力头可供选择



DRILL HEADS		可选动力头	
Models	动力头型号	YHD5	
Frequency	冲击频率	bpm	3000
Percussion energy	冲击能	J	150
Rotation speed(Max.)	最大转速	rpm	350
Rotation torque(Max.)	最大扭矩	Nm	230
Models	动力头型号	YDR20	
Gear	档位	1	2
Rotation speed(Max.)	最大转速	rpm	575
Rotation torque(Max.)	最大扭矩	Nm	290
Models	动力头型号	YDR30	
Gear	档位	1	2
Rotation speed(Max.)	最大转速	rpm	250
Rotation torque(Max.)	最大扭矩	Nm	720

以上是常用规格，如需其它规格请与我们联系。
Above are the common specifications, please contact us if need other specifications



YD-SP100

- 锚固 Anchoring
- 地面加固 Ground reinforcement

钢框架带有3个方向轮，可在山上移动。

机械式千斤顶安装在桅杆的位置，具有固定作用，可作横路旋转。

Steel frame with 3 directional wheels for movement in mountains. mechanical jack for the put in position of the mast with retaining effect and gyration for the lateral orientation



YD-SP200

- 锚固 Anchoring
- 地面加固 Ground reinforcement
- 采石场 Quarry

钻机桅杆的前后角度可调，具有独立的轮子，便于在粗糙不平的地形中行走。

多款液压冲击动力头、旋转动力头可供选配

The slope of the mast front-rear Adjustable position in rough terrains with independent wheels.

Multiple drifters and hydraulic rotary head are available.



PF 03



PF 04

PORTABLE AND REMOVABLE PROJECT DRILLING RIG

便携式可拆装山地工程钻机

YONDA 永大机械®

www.yondacm.com



Project and removable drilling rig series are engineered for the geological exploration, water well drilling, rock drilling, blasting, etc. This drilling rig can be used in mountains, loess tablelands, hills, the Gobi Desert, farmlands, and so on. This drilling rig exhibits superior performance with full hydraulic drive even in difficult ground conditions.

便携式可拆装工程钻机系列可广泛应用于山地、黄土源、丘陵、戈壁、农田等复杂地表的地质勘探、钻井、石方钻凿爆破等的钻孔工作。采用全液压驱动，效率高，可靠性好。

We adopt a modular design that allows users to easily disassemble and transport this drilling rig. YONDA CONSTRUCTION MACHINERY manufactures various series of drill heads.

Drill heads can be chosen according to the kind of construction works.

整机采用模块化设计，组合分拆方便，便于运输。可选用多种动力头，适应不同的工法需求。



PF 05

The length of drill arm can be customized according to customer's request. This drilling rig can adapt to various specifications of drilling tools.

可定制不同长度的钻臂，以使用各种规格的钻具。

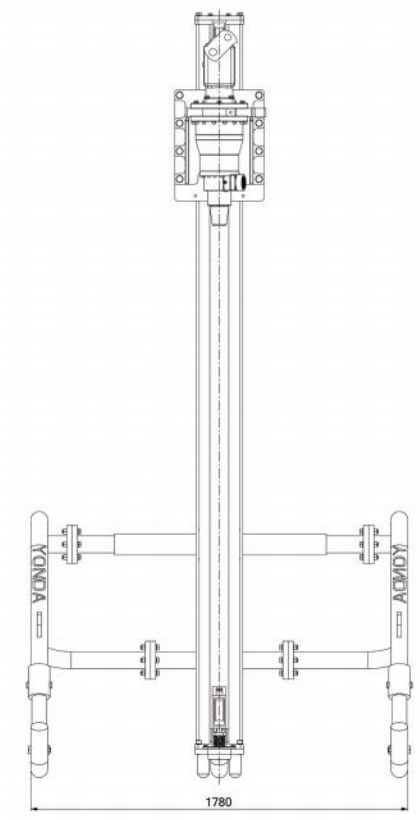
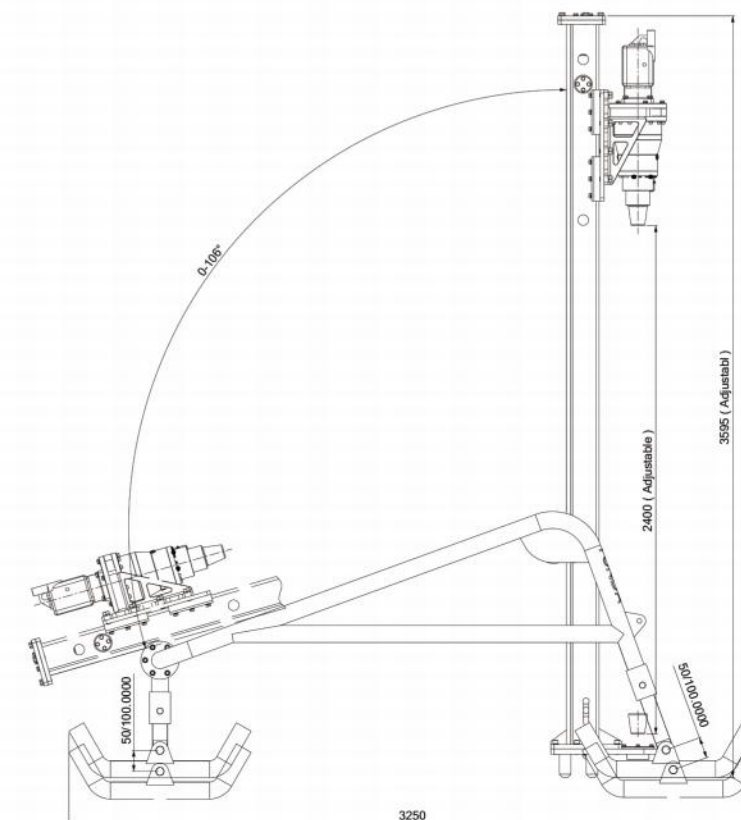


Retractable outrigger

可伸缩式支腿



Rotatable boom 可旋转臂架



PF 06

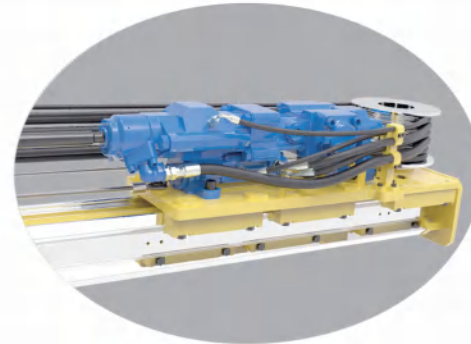
YONDA DRILLING ATTACHMENT 永大钻架模组

YONDA 永大机械®

www.yondacm.com

适用于盾构、台架钻机锚杆、锚索支护，超前探孔，钻机改造等各类配套就用

Suitable for shield, portable drill anchor rod, anchor cable support, advanced drilling, drilling rig reconstruction and other supporting.



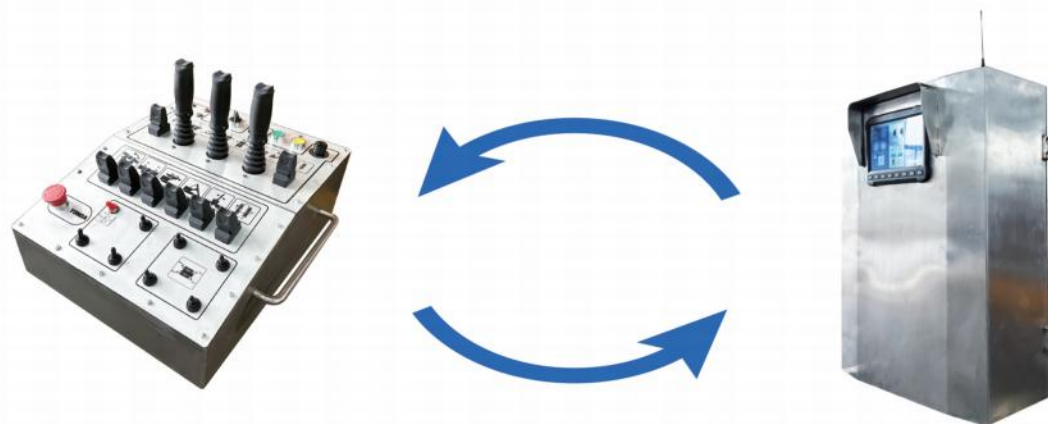
多种动力头可供选择
Multiple drifter are available.



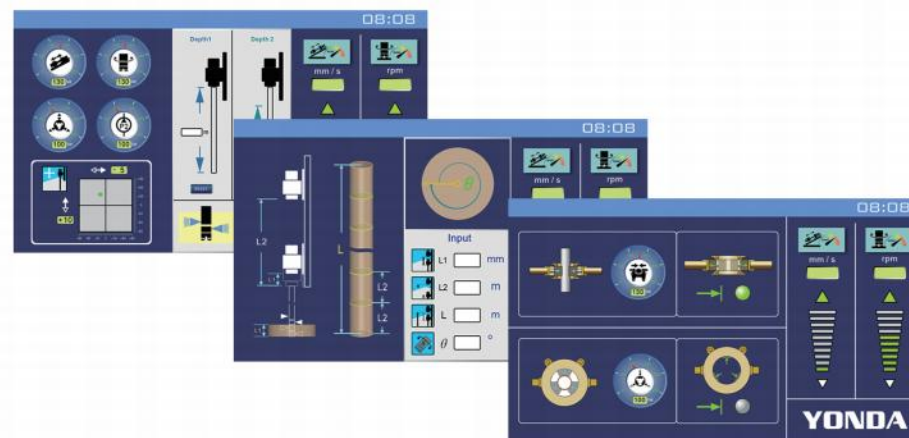


PLC程控&手动操控 交替双控

PLC program control & manual control alternate dual control



手动操控
Manual control



触控屏幕 & 程序化控制
Touch screen & Programmed control



智能化系统设计整合 Intelligent system design integration

