

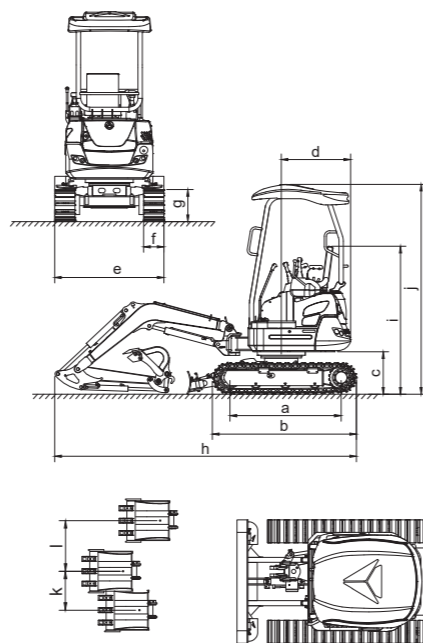
# XN20 CRAWLER EXCAVATOR

全国免费电话  
National toll-free **4000 990 778**



- 日本原装进口动力
- 满足欧五和EPA 4的排放标准
- 节约30%油耗
- Original Japanese engine
- Meet EURO V / EPA Tier 4 emission
- Save 30% fuel consumption

XN20	性能参数 Specification	单位 Unit	
整机重量	Machine Weight	kg	1900
铲斗容量	Bucket capacity	m <sup>3</sup>	0.048
工作装置型式	Working device form		反铲 Backhoe
发动机	型号 Model		Yanmar 3TNV70/3TNV74F
Engine	排量 Displacement	L	0.854
	额定功率 / 转速 Rated power	kw/r/min	10 / 11.2 / 2200
	最大扭矩 Maximum torque	N.m/ r/min	51.9/1600
	最高行走速度 (高/低) Max. travel speed (high/low)	km/h	3.4/1.9
速度与挖掘力	回转速度 Swing speed	rpm	10.5
	最大爬坡能力 Max. climb capacity		30° (58%)
Speed/ Digging force	铲斗挖掘力 Bucket digging force	kN	13.5
	斗杆挖掘力 Bucket arm digging force	kN	10.1
	理论最大牵引力 Theoretical Maximum traction	kN	17.5
	接地比压 Ground specific pressure	kPa	32.8
履带部件 Track	材料 Track material		铁履带 steel / rubber track
	涨紧控制类型 Type of track tension device		黄油油缸 Butter oil cylinder 柱塞泵 Piston pump
液压及液体容量 Hydraulic and liquid capacity	泵型式 Pump type		柱塞泵 Piston pump
	工作压力 Working pressure	MPa	22
	流量 Flow rate	(L/min)	39
	液压油容量 Hydraulic oil tank capacity	(L)	15.3
	发动机油容量最大 (有效) Engine oil capacity	(L)	2.8 (1.3)
	燃油箱容量 Fuel tank capacity	(L)	19

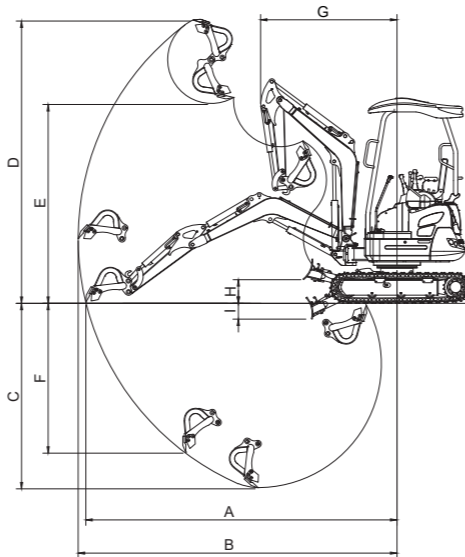


主要尺寸示意图

Main dimensions schematic diagram

主要尺寸 Main dimensions	单位 Unit	
a 轮距 Wheel base	mm	1230
b 履带总长 Total length of track	mm	1590
c 平台离地间隙 Platform ground clearance	mm	473
d 平台尾端回转半径 Platform back turning radius	mm	790
e 底盘宽度 Chassis width	mm	990 (1240)
f 履带宽度 Track width	mm	230
g 履带高度 Track height	mm	360
h 运输长度 Transportation Length	mm	3400
i 座椅到地面高度 Height (From seat to ground)	mm	1660
j 全车高度 Total height	mm	2380
k 动臂回转-左侧 Boom swing - left	mm	390
l 动臂回转-右侧 Boom swing - right	mm	510

作业范围 Operating range	单位 Unit	
A 最大地面挖掘半径 Max. digging radius on ground	mm	3610
B 最大挖掘半径 Max. Digging Radius	mm	3700
C 最大挖掘深度 Max. digging depth	mm	2150
D 最大挖掘高度 Max. digging height	mm	3275
E 最大卸载高度 Max. dumping height	mm	2310
F 最大垂直挖掘深度 Max. vertical digging depth	mm	1740
G 最小回转半径 Min. rotation radius	mm	1580
H 推土铲最大提升高度 Max. upgrade height of dozer blade	mm	275
I 推土铲最大掘地深度 Max. digging depth of dozer blade	mm	180



作业范围示意图

Working range schematic diagram



小材 大 用 犀牛 “智” 造

## 山东肯石重工机械有限公司

SHANDONG KEN STONE HEAVY MACHINERY CO.,LTD



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# XN20挖掘机 CRAWLER EXCAVATOR

# XN20 CRAWLER EXCAVATOR

CE ISO TUV  
Chinese Well-known Trademark

## 洋马发动机~可靠、节油 Yanmar engine ~ reliable, fuel saving

质量稳定高性能发动机  
High quality engine with stable performance

采用全球领先地位的可靠性发动机，实现了高效率、低振动、低噪音，保证动力的同时，可满足各种严酷场合的作业，即使在寒冷的气温下也能轻易启动。

Using world advanced reliable engine, high efficiency, low vibration, low noise, ensuring enough power output, can used in all harsh environment, engine is easy to be started even in severe cold environment.

更强动力、更低油耗  
More power, low fuel consumption

采用高燃油效率的超强动力，追求绿色排放与大功率输出的洋马TNV直喷柴油发动机。通过对燃油喷射系统的改良，达到各国的尾气排放要求。

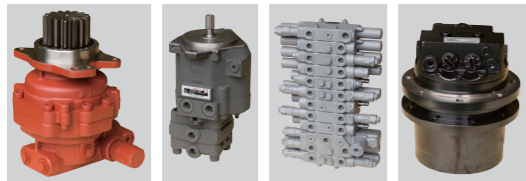
Adopting big power YANMAR TNV direct injection diesel engine, green emission, high power output and stronger power. Through the improvement of fuel injection system, the exhaust emission standard can meet requirements of various countries.



## 全进口液压系统 Full import hydraulic system

基于近乎完美的发动机与全进口液压系统的匹配技术，增加了动力输出，提高了作业速度，降低了燃油消耗。

Based on matching technology of excellent engine and full import hydraulic system, machine is with more power output, improve working speed and reduce fuel consumption.



## 舒适的安全座椅 Comfortable safety seat

根据人体仿生学设计的舒适座椅，具有三重舒适构造，加装了可调式腰部疲劳缓解及前后调整装置，配有安全带装置，防止翻滚时操作员甩出，操作更加安全舒适。

Seat is designed based on human bionics, has triple comfort structure, with adjustable device of waist fatigue remission and front and back adjustable seat. With safety belt preventing driver thrown away while machine fall down. Operation is more safe and comfortable.



## 维修保养方便 Easy maintenance

后部与左侧可全部打开，方便日常检查与维修保养。

Rear and side cover can be opened widely, easy to daily checking and maintenance and repair works.



## 安全 Security

达到世界上最严格的欧洲安全标准  
Reach the most stringent of European safety standards

为了操作人员的安全性，采用4根支柱的防滚架，前方两支柱距离加宽，保证了宽广的视野，支柱也可做为安全扶手，方便上下车，双层滚塑顶棚，遮住整个操作空间，遮挡雨水及高空落下的物体，保护了操作员的安全。

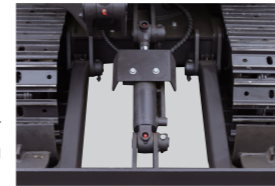
For the operators' safety, using 4 pillar anti-roll bar, the distance of two pillar front is wider than before, ensure the wide field of view, the bars are used as safety handrail, easy to get on and off, double-deck rotational moulding canopy cover entire operating space, shielding rain or falling objects, to protect the safety of operators.



## 油缸、油管保护罩 Hydraulic cylinder, pipes protection cover

推铲油缸护罩，有效保护了缸杆及液压油管。

Bulldozing plate cylinder safety cover, protecting cylinder rod and pipes.



## 动臂侧移 Swing boom

可适用于狭小区域作业和靠墙挖掘作业。

Can be used in small area works and working along the wall.



## 伸缩式下车架 Extendable down chassis

在入口狭窄现场，为方便设备进出，下车架做成伸缩式，行驶运输时，收缩到990毫米，工作时伸出到1240毫米，发挥出较高的稳定性。

For the narrow entrance working site, the lower frame is telescopic in order to easy in and out of working side, track can back to 990 mm when transportation, when working, can reach to 1240 mm, more stable.



## 可变式推土铲 Variable dozer blade

可根据下车架的宽度自由调整推土铲的宽度，调整方便，拔出销子，副铲向内旋转180度，插入销子即可，提高工作效率。

Width of the dozer blade is easily adjusted according to the width of the down chassis. Just pull out the pin, rotate the auxiliary shovel 180 degrees inward and insert the pin.

