



Three Section Telescopic Boom 12-25m Telescopic Stick for 20-50 Ton Excavator Custom Arm for Deep Excavation and Dredging

Our Product Introduction

for more products please visit us on excavatorlongarm.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZHONGHE
- Certification: CE
- Model Number: Kobelco380
- Minimum Order Quantity: 1 piece
- Price: \$26200/pieces
- Packaging Details: Bubble bag packaging
- Delivery Time: 25-30 work day
- Payment Terms: T/T
- Supply Ability: 5 Piece/Pieces per Month



Product Specification

- Brand Name: ZHONGHE
- Part Name: Three Section Telescopic Boom
- Material: Q690D/HG785
- Applicable Industries: Energy & Mining
- Suitable Excavator: 20-50 Ton
- Length (m): 12-25m
- Bucket Capacity: 0.6-2.2cbm
- Color: As Customer Requirements
- Warranty: 6 Months
- Condition: 100%New
- Quality: High-Quality
- MOQ: 1 PCS
- Packing: Bubble Bag Packaging
- After-sales Service Provided: Online Video Support



More Images



Product Description

Our Product Introduction

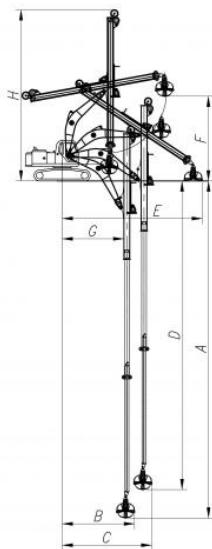


Introduction

The three-section telescopic boom features a nested three-sleeve structure. Driven by hydraulic cylinders, it can extend and retract, with working length adjustable as required.

It is made of high-strength wear-resistant steel plate. Full penetration welding is applied on key welds, followed by stress relief treatment to minimize welding deformation. The boom boasts high structural strength and excellent durability.

The boom is compact when fully retracted. Easy to assemble and disassemble for site transfer and long-distance transportation. Custom manufacturing is available based on your excavator model.



20M-伸縮臂	
A. 最大垂直挖掘深度	20000mm
B. 最大垂直深度挖掘半径	7095mm
C. 最大垂直挖掘工作半径	8801mm
D. 最大垂直挖掘深度	17340mm
E. 最大垂直挖掘工作半径	13586mm
F. 最大卸土高度	8044mm
G. 最小回转半径	6150mm
H. 最小回转半径是整机高度	11087mm

20M-telescopic arm	
A. Maximum vertical digging depth	20000mm
B. Maximum vertical excavation radius	7095mm
C. Maximum vertical excavation working radius	8801mm
D. Maximum vertical digging depth	17340mm
E. Maximum vertical excavation radius	13586mm
F. Maximum soil unloading height	8044mm
G. Minimum turning radius	6150mm
H. Overall machine height at minimum turning radius	11087mm

Maximum digging depth(m)	Model(ton)	Clamshell bucket (cbm)
12m	20-25T	0.6 m ³
14m		0.4 m ³
16m		0.4 m ³
18m		0.4 m ³
20m	26-28T	0.6 m ³
20-22m	30-33T	1.5 m ³
	35-38T	
25m	30-33T	2.2 m ³
	35-38T	
	35-38T	
	40-50T	

PRODUCT DESCRIPTION



Applications

Vertical deep excavation for deep foundation pits, caissons and shafts. When fitted with clamshell buckets, it can grab mud, sand and muck.

Standard Configuration

One telescopic boom assembly, 3 pins, 2 attachment hoses, 2 hydraulic lines for a breaker, and one dual-direction foot pedal switch.

Warranty

Boom structure and hydraulic cylinders: 6 months; Clamshell bucket: 3 months.



Cleaning and dredging



Telescopic arm test



Bridge construction projects



Deep pit work



For Deep foundation pit construction project



For unloading materials For Large-scale earthworks



PRODUCT ADVANTAGES



Advantages



① Hoses and wire ropes are routed separately, allowing for replacement without the need to disassemble the boom.

② Wire ropes, bearings, and pulleys have all been upgraded.

③ Constructed from high-strength steel, the boom is lightweight yet durable, reducing the overall load and improving fuel efficiency.

④ The three-section telescopic boom (25–32 meters) completes a full extension and retraction cycle in approximately 45 seconds, ensuring high operational speed.

PRODUCT ADVANTAGES





Main Material

1.The telescopic arm can be made of Q690D-Q960 material according to the requirements, with much deeper excavation depth, simple and convenient operation, safe and reliable.

lighter and durable

The external hose pulley separates the hose from the main rope, avoids the friction between the main rope and the hose, reduces failures, and makes maintenance more convenient

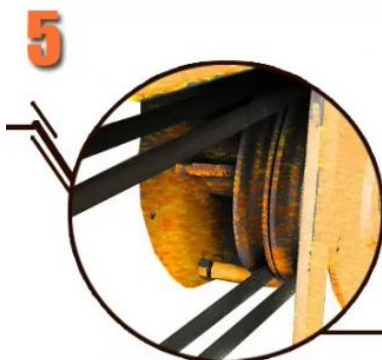


Pivot End

- 01 Centralized lubrication
- 02 Can match bucket and grabber

Rope Structure

- 01 Adopt 30mm main rope
- 02 The upgraded auxiliary rope design makes the pipeline smoother while stretching
- 03 Adopt 26mm auxiliary rope



Easy To Oil Filling

- 01 Oil filling hole at the second arm front end(to the top slider)
- 02 Oil filling hole position on both sides of the third arm front end(to the top slider)



Anti-rust Paint

Prevent rust, protect the arm tube, and make it more durable



Primary Color Paint

Not easy to fall off the paint, more firmly attached



Primary Color Paint

Double-layer paint, stronger corrosion resistance



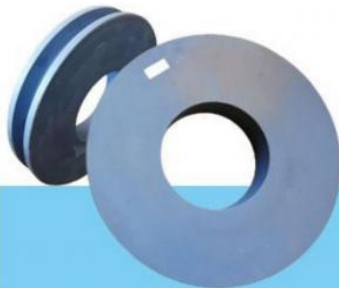
Material Advantages



High-speed Heavy-load Bearings



The bearings are high-speed heavy-load bearings, and the bearings use larger diameters to withstand greater loads.



MC Steel



The pulley is made of MC steel, which has the same hardness as steel, but is light and wear-resistant. The wheel diameter is enlarged to withstand greater loads.

Premium Wire Rope

Xianyang Baoshi Rotary wire rope—can bear larger tension and impact



Multi-strand Wire Rope



The inner core of the wire rope is a steel core, which has higher tensile strength.

The three-section telescopic boom supports a wide range of attachments for different working applications.

Accessories for the three-section telescopic arm



Orange peel grapple

Structural composition: hydraulic cylinder, gripper, link body.

Working Principle: The excavator provides power to drive the cylinder to open and close, and the balance valve is used to synchronize the cylinder.



Clamshell bucket

Structural composition: The main connecting frame, bucket flap, and oil cylinder are composed of three parts.

Working principle: The excavator provides power, pressure, and flow to drive the oil cylinder to move, and the shell bucket is opened and closed through the extension and contraction of the oil cylinder.



WHY CHOOSE US

ZHONGHE triple quality control system

1.The first system is the technical design drawing review mechanism.

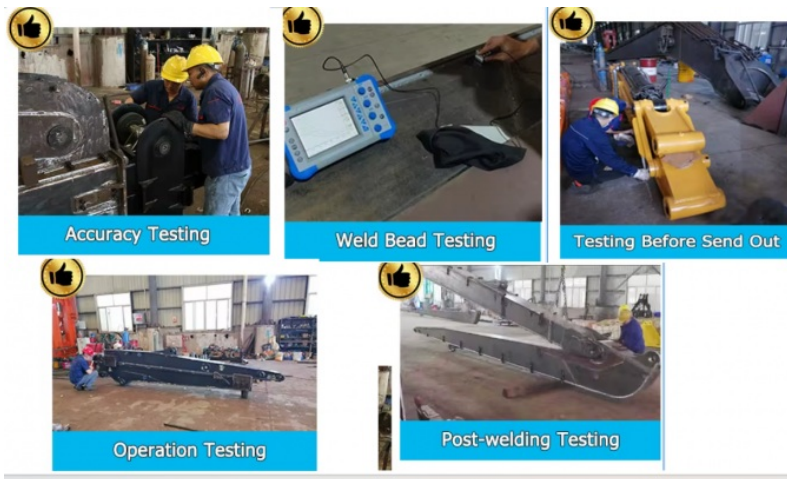
2.The second system is the semi-finished product review mechanism.

(each process has a detection testing for the previous process)

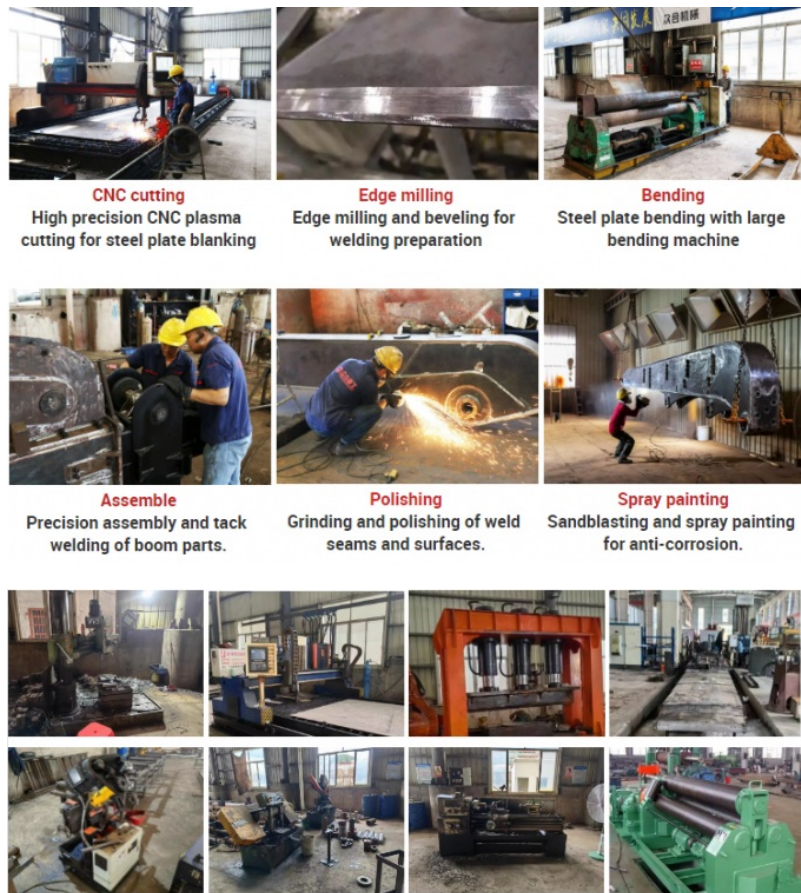
3.The third system is the finished product testing.

(Before painting, the overall inspection is carried out to check whether the design size matches the welding size, and whether the installation size meets the design requirement.)

To sum up, every single ZHONGHE product has been passed the above three-stage inspection system to ensure that is qualified before shipping.



Equipment and Processing



COMPANY PROFILE



Kaiping Zhonghe Machinery Manufacturing Co., Ltd.

Founded in 2018, Zhonghe heavy industry independently develops and produces construction machinery parts such as excavator lengthening arm, mountain pulling arm, two-stage telescopic arm, sliding arm, three-stage telescopic arm, three-stage demolition arm, rock arm, tunnel arm, bucket, pile driving arm, wood grabber, steel grabber and scarifier. It is widely used in weathered stone crushing, subway construction, forestry logging, municipal pipeline engineering, river dredging, building demolition, Larsen steel sheet pile driving and pulling, pile foundation engineering, resource recovery and other engineering industries. The products are sold in more than 40 countries and regions. Provide one-year after-sales service with after-sales warranty and deliver on time. 24-hour online service can provide OEM production.

Our Team

The power of knowledge, the power of the power of unity and dedication, we will gain.



Zhonghe Machinery

Our company is specialized in excavator long reach boom arm, standard arm, pile driving arm, two or three section demolition boom, tunnel arm, rock arm, quick hitch, tilting bucket, rock ripper, mechanical grapple, log grab, orange peel grapple, clamp bucket, rock bucket, clamshell bucket, multi crusher, single cylinder shear, rock breaker, pile hammer.

All products support customization, and customized products are suitable for all excavator brands.

SHIPPING & PACKAGE



Package

Bubble bag packing for most products;
Wooden case for little products, like buckets;
Iron frame support for boom arms.
The accessories and package of excavator long boom arm are subjected to our final confirmation.



EXHIBITIONS



CERTIFICATIONS



PRODUCT CATEGORY



Long Reach Boom



Sliding Arm



Two-section Telescopic Arm



Three-section Telescopic Arm



Pile Driving Arm



Tunnel Arm

PRODUCT CATEGORY



Rock Bucket



Standard Bucket



Tilt Bucket



Ditch Cleaning Bucket



Skeleton Bucket



Rock Ripper

KOMATSU

CAT

HITACHI

VOILVO

SUMITOMO

KOBELCO

DOOSAN

CASE

KATO

HYUNDAI

JCB

LIEBHERR

ATLAS

TEREX

Kubota

YANMAR

TAKEUCHI

IHISCE

SANY

SDLG

山东建机

JCM

SHANTUI

LOVOL

福田雷沃重工

XGMA

LIUGONG

JOHN DEERE

ZOOMLION

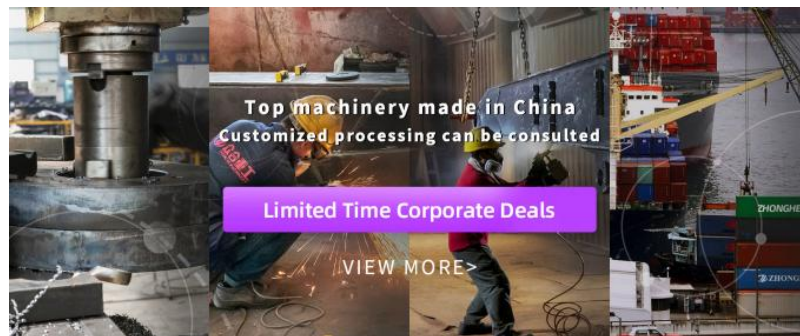
XCMG

LOONKING

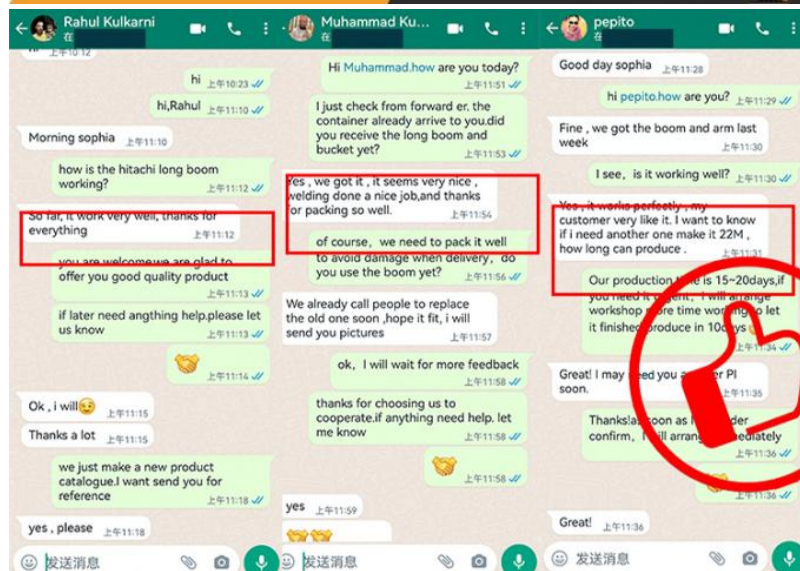
龙工

SUNWARD

山推智能



CUSTOMER FEEDBACK



FAQ



1. Who are we?

We are based in Guangdong, China, start from 2018, sell to Southeast Asia(40.00%), Mid East(10.00%), North America(10.00%), South Asia(8.00%), Eastern Europe(8.00%), Oceania(8.00%), Eastern Asia(5.00%), Africa(5.00%), South America(4.00%), Northern Europe(2.00%). There are total about 51-100 people in our office.

2. How can we guarantee quality?

Always a pre-production sample before mass production;
Always final inspection before shipment;

3. What can you buy from us?

Excavator Long Reach Boom, Excavator Telescopic Arm, Excavator Demolition Arm, Excavator Grapple, Excavator Bucket

4. Why should you buy from us not from other suppliers?

With more than 60 employees, it has its own unique research and development team in more than 10000 square meters of steel structure standardized plant. The annual production of various arms is up to 600 sets, and various buckets are 6000 pieces.

5. What services can we provide?

Accepted Delivery Terms: FOB, CIF, EXW, CIP;
Accepted Payment Currency: USD, CNY;
Accepted Payment Type: T/T;



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