



Heavy-duty 13.5-18m Excavator Piling Arm Boom for 30-50 Ton Excavator Sheet Pile Driving Attachment Q355B Q690D Customized

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: Volvo480
- Minimum Order Quantity: 1 piece
- Price: \$11400/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

- Material: Q355B/Q690D
- Application: Building Engineering
- Type: Ordinary Product
- Warranty: 6 Months
- Length(m): 13.5-18m
- Color: As Customer Requirements
- Quality: High-Quality
- MOQ: 1 PCS
- Packing: Bubble Bag Packaging
- Technique: Advanced Techniques
- Payment: T/T
- Video Outgoing-inspection: Provided

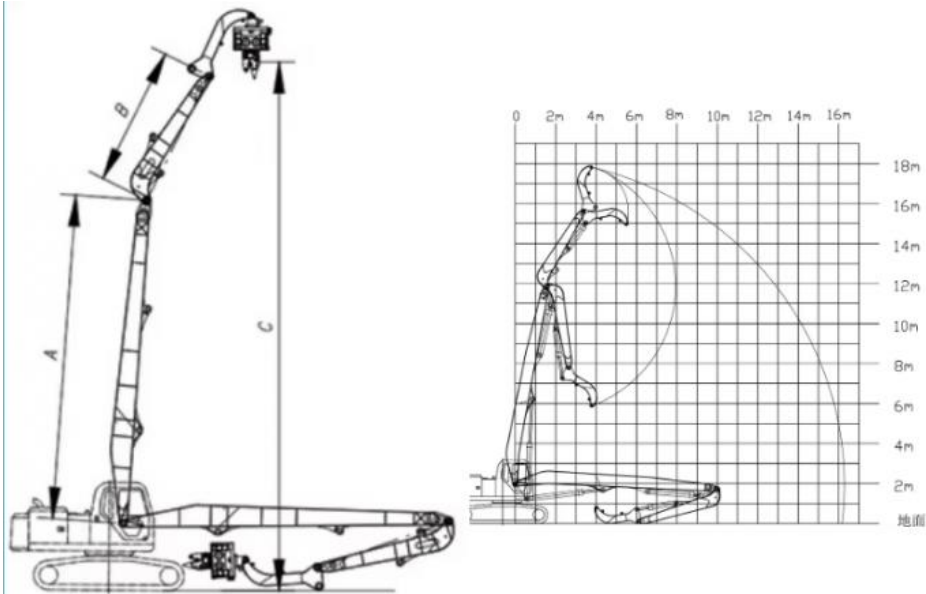


More Images



Our Product

Product Description



Production Name	Pile driving boom arm
Material	Q355B/Q690D
Color	Yellow/Red/Orange/Customizable
Length(m)	13.5-18m
Model	30-50 Ton

Excavator (Ton)	Total Length(mm)	(A)Boom(mm)	(B)Arm(mm)	(C)Piling Height(mm)	Counterweight (Ton)
30-36T	13800	10000	3800	15400	3T
30-36T	15000	10500	4500	17100	5T
40-45T	15800	11000	4800	17900	3T
40-45T	16800	11500	5300	18500	5T-6T
45-50T	19000	12500	6500	21000	6T-7T

Piling Types

Steel Sheet Pile, Concrete Pile, Photovoltaic Pile, U-Shaped Pile, Casing, Channel Steel Pile

Different sheet piles apply to various construction scenarios

1. Sheet piles and channel steel piles

Steel cofferdam for bridge construction, support for sewage pipelines, permanent river-bank reinforcement, foundation caps for real-estate projects, roadside landslide prevention, basement and sewer construction.

2. Casing

Used together with rotary drilling rigs to avoid hole collapse during drilling, widely applied in bridge building and real-estate construction.

3. Concrete piles

River bank reinforcement and solar power project piling work.



Steel sheet pile



Photovoltaic pile



Casing



U pile

PRODUCT DESCRIPTION



Pile Driving Arm

What is an excavator piling arm?

The excavator piling arm is a device on the excavator used to install and operate poles, such as reinforced concrete piles, steel sheet piles, etc. It is usually used in combination with a vibrating hammer with a large arm and a small arm guard. The excavator piling arm is powered by the excavator's hydraulic system and can insert piles vertically into the ground to fix or reinforce the structure.

Excavator piling arms are widely used in construction projects, bridge construction, infrastructure construction and other fields, proving efficient, precise and reliable pole foundation construction solutions.

Piling arm configuration:

One set of piling arm, three stop valves, and nine high-pressure hoses



PRODUCT ADVANTAGES

1. The overall scope of work is quite large.

The upper arm and forearm can open to an angle of up to 160 degrees, and the angle between the upper arm and the base can reach 88 degrees.



2. Longer service life.

With the same material, the plates on our arms are thicker.

3. The use of 90-degree connectors reduces the degree of hose bending during boom and arm operation, thus increasing service life.

4. The boom piping is segmented for easier maintenance and uses cold-drawn tubing. The distribution between the boom and arm is more rational, and reinforcement has been applied to areas on the boom prone to cracking.

5. A reinforcing plate was added to the forearm bending area, and all these stress points were reinforced to reduce the possibility of arm breakage.

6. Centralized lubrication of pipelines facilitates maintenance and repair.

Pile Driving Boom

- The box has built-in transverse and vertical reinforcement ribs to improve its tensile strength
- Reinforced upper and lower cover plates prolongs service life.



Overall Quality

- * Q355B Material
- * Centralized lubrication system

Boom Base

- * Graphite alloy copper sleeve
- * The boom seat sleeve adopts all in one molding process



Precision Pipe

- * Seamless precision steel pipe
- * Hydraulic pipelines section design, convenient for later maintenance

Welding process

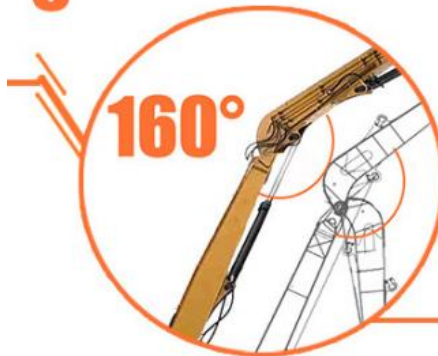
*Four layers five passes welding

*High-quality Ningbo connectors



4

5

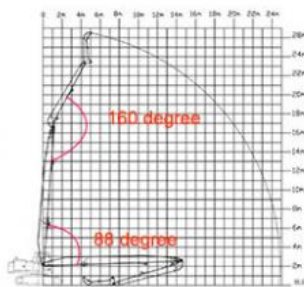


Open Angle

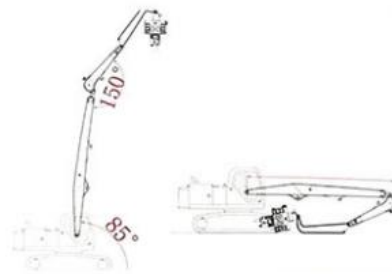
*The angle between boom and arm can reach 160°

*Comparing with the same length pile driving arm, ours can pile higher.

Piling Height



160 degree
Pile Higher



150 degree

Steel Material



Premium Shaogang Q355B
Better Welding Performance



Low quality material

Beveling



Full beveling before welding
Strong Welding

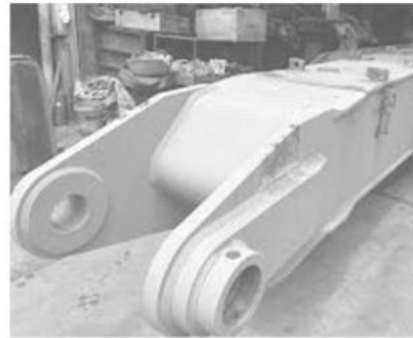


Welding Directly

Testing



Test Welding
Ensure High-quality Products



No Test

Pictures Display

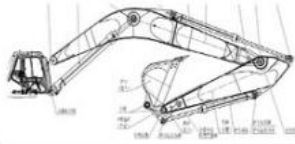






Production Process

Draw design



1

machining



3

Bending



5

Assemble



7

Spray painting



9

Container loading



CNC Cutting



2

Edge Milling



4

Welding



6

Polishing



8

Quality test



10

Production Process

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.



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.



» PRODUCTION ADVANTAGES «

Our factory has a complete range of production equipment, which is conducive to the production of our products, good quality and ensures product accuracy.

1. Panel is cut by CNC plasma machine with less deformation.
2. Tolerance within 5-10um, ensure the accuracy of hole.
3. Environmentally friendly verified spraying room.
4. GMAW-Gas Metal Arc Welding.
5. Plasma cutting machines, boring machines, beveling machines, bending machines, etc. ensure accuracy.



Large double-sided floor boring machine



CNC plasma cutting machine

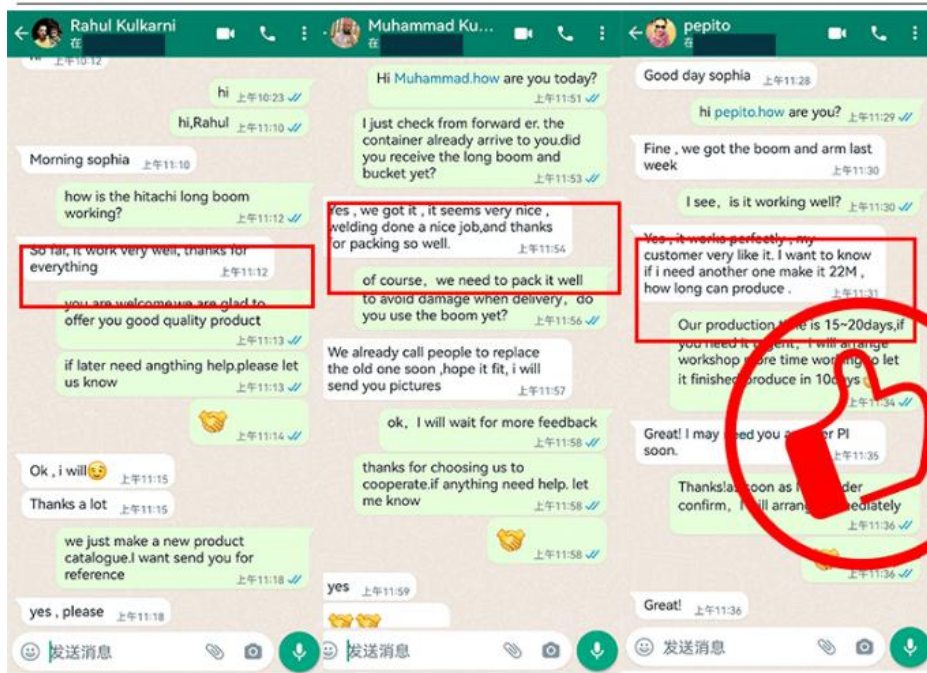


Automatic edge milling machine



Environmentally friendly spray booth

Postive Feedback



PRODUCT CATEGORY



PRODUCT CATEGORY



Rock Bucket



Standard Bucket



Tilt Bucket



Ditch Cleaning Bucket



Skeleton Bucket



Rock Ripper

KOMATSU

CAT

HITACHI

VOLVO

SUMITOMO

KOBELCO

DOOSAN

CASE

KATO

HYUNDAI

JCB

LIEBHERR

ATLAS

TEREX

Kubota

YANMAR

TAKEUCHI

IHISCE

SANY

SDLG

山重建机

JCM

SHANTUI

LOVOL

厦工

XGMA

LiuGong

LISHIDE

力士德

ZOOMLION

XCMG

LONKING

龙工

SUNWARD

山河智能

HOT CUSTOMIZED PRODUCTS

Goods that people like to customize



Long Reach Excavator Boom

- Long Reach Boom /
- Three Sections Demolition Arm /
- Demolition Extension Arm /

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Demolition Boom

- Long Demolition Boom /
- Super Long Demolish Distance /
- Safe Demolition /

[Customize now](#)



Telescopic Boom

- Three-stage Extension /
- Super Long Control Distance /
- Flexible Expansion /

[Customize now](#)



Bucket

- Replaceable Fork Tines /
- Heavy Durable Bucket /



Wood Grabber

- Mechanical Hydraulic Shear /
- Excavator Rotating Grapple /



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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