

P015 - Fabricated Hopper and Chute Assemblies

P016 - Screw Conveyor and Auger Rotor Shafts

P021 - Splined Transmission Flange Rings

P023 - Machined Screw and Auger Rotor Components

TIANHUI MACHINE

Casting | Forging | CNC Machining | Inspection



P025 - Forged Clevis and Link Arms



P026 - Custom Mounting Brackets and Linkage Sets



P029 - Agricultural Guide Bars and Wear Rails



P033 - Forged Link Bars and Rod Ends



P035 - Forged Rocker and Control Levers



P037 - Forged Linkage Arms and Rod Ends



P061 - Forged Curved Levers and Mounting Housing



P075 - Machined Link Brackets and Rod Assemblies

PRODUCT CAPABILITY PDF

Agricultural Machinery Parts

Forged, cast and machined components for agricultural equipment and driveline assemblies.

Drawing-Based

OEM Production

Casting + CNC

Coordinated Process

Inspection

Project Specific

thcastings.com

Manufacturing Review

Prepared for OEM buyers evaluating custom metal component manufacturing routes.

01 / COMPONENT SCOPE

What We Manufacture for Agricultural Machinery Parts

Linkage parts, clevis arms, shafts, levers and mounting components built around drawing requirements.

01

Rod end linkage components

02

Forged linkage lever arms

03

Clevis and yoke components

04

Rocker and control levers

05

Transmission shafts and flange rings

06

Latch hooks and coupling levers

07

Mounting brackets and link plates

08

Auger and rotor components

Important note

Most components are produced according to customer drawings, samples or existing parts. Material, tolerance, surface treatment and inspection scope should be confirmed during the manufacturing review instead of assumed from a product image.

02 / MANUFACTURING ROUTES

Choose the route around geometry, material and volume

The same product category can include casting, forging, CNC machining or a combined process. The final route should follow the part drawing and production requirements.

01

Forging

Forging for load-bearing arms, levers and linkage parts

02

CNC machining

CNC machining for pin bores, holes and shaft interfaces

03

Casting

Casting where geometry or housing shape requires it

04

Heat treatment and surface finishing based on drawings

Heat treatment and surface finishing based on drawings

PROCESS SELECTION

The drawing decides the process.

Before quotation, Tianhui reviews part geometry, alloy, annual volume, tolerance, surface condition, machining allowance and inspection requirements to decide the practical manufacturing route.

03 / PRODUCT EXAMPLES

Representative Components from the Image Library

These examples are grouped from the current product photo library. Exact material and final application should be verified against customer drawings or samples.



P012
Clevis Yoke Arms

Custom clevis yoke arms featuring compact yoke and eye-arm parts with forked ends and precision bores. The likely manufacturing route is forging...

Confidence: High



P016
Auger Rotor Shafts

Custom auger rotor shafts featuring helical screw elements mounted on shafts for controlled material transport. The likely manufacturing route is forging...

Confidence: High



P025
Clevis and Link Arms

Custom clevis and link arms featuring forked link arms and eye-ended levers with heavy cross sections. The likely manufacturing route is forging...

Confidence: High



P033
Link Bars and Rod Ends

Custom link bars and rod ends featuring flat forged links with circular eyes and short rod-end connection pieces. The likely manufacturing route is forging...

Confidence: High



P037
Linkage Arms and Rod Ends

Custom linkage arms and rod ends featuring forged eye arms, connecting links and rod-end shapes with machined pivot points. The likely manufacturing route is forging...

Confidence: High



P116
Transmission Shafts

Custom transmission shafts featuring heavy splined shafts with stepped diameters for torque transmission. The likely manufacturing route is forging...

Confidence: High

04 / QUALITY & CUSTOMIZATION

From image review to controlled production

Production is organized around approved drawings, technical requirements and inspection expectations.

01

Pin bore and linkage interface checks

02

Spline and shaft feature inspection

03

Hardness or heat-treatment checks when specified

04

Visual and dimensional inspection for forged/cast surfaces

RFQ INFORMATION

What to send for a useful quotation

- 2D drawing, 3D model, sample or clear product photos
- Material grade or preferred alloy
- Estimated quantity and annual demand
- Critical dimensions, tolerances or assembly interfaces
- Surface finish, coating or heat-treatment requirements
- Inspection documents, testing or traceability requirements

05 / PROJECT PROOF

Related manufacturing experience

Relevant project direction: forged cam and linkage component experience supports parts requiring strength, controlled interfaces and machining after forming.

Additional example parts



Link Bars



**Ratchet Arms and
Adjustment Levers**



**Bearing Supports and
Brackets**



**Linkage Arms and
Clevises**



**Rod End Linkage
Components**



Linkage Lever Arms

NEXT STEP

Send your drawing for manufacturing review

Email: seo@cn-tianhui.com | Website: www.thcastings.com