

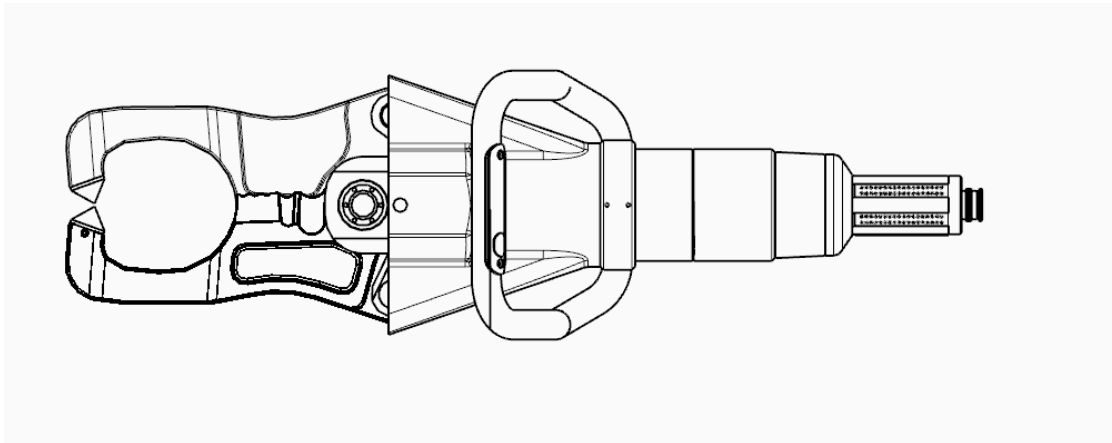
Beijing Topsky Intelligent Equipment Group Co., Ltd

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Single interface Hydraulic concrete crushing shear

LJ TPCJQ

User' s Manual



- * Personnel without professional training shall not use it.
- * Use is strictly prohibited in the presence of combustible gases and liquids.
- * The product color shall be in kind and the product specification shall be amended by Reeter and reserved without prior communication

Product profile:

Type LJ TPCJQ hydraulic concrete crushing cutter is a new

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multi-function product integrating crushing concrete and shear steel bar work easily, reliably. The product adopts single tube single interface without tail tube design, can take pressure operation, a press in place, convenient and simple operation. Anti-skid switch control, can accurately crushing, cutting, and other operations. Internal two-way hydraulic lock, with the self-locking pressure protection function. The handle has an integrated LED lighting system to provide rescue workers with lasting lighting, 360 ° rotating manipulator design, multi-angle cutting operation, easy operation. At the same time, it also has light weight, good flexibility, strong function, body balance, effort saving, easy operation and other characteristics.

Scope of application:

Rescue work for the 1. Railway, road, aviation and steamer

Rescue work for collapsed 2. buildings and road collapses

Rescue work after the 3. natural disaster

4. heavy rescue work, such as traffic accidents in cars, truck buses

Chapter 1: Working principle

Type LJ TPCJQ hydraulic concrete demolition shear is mainly cut

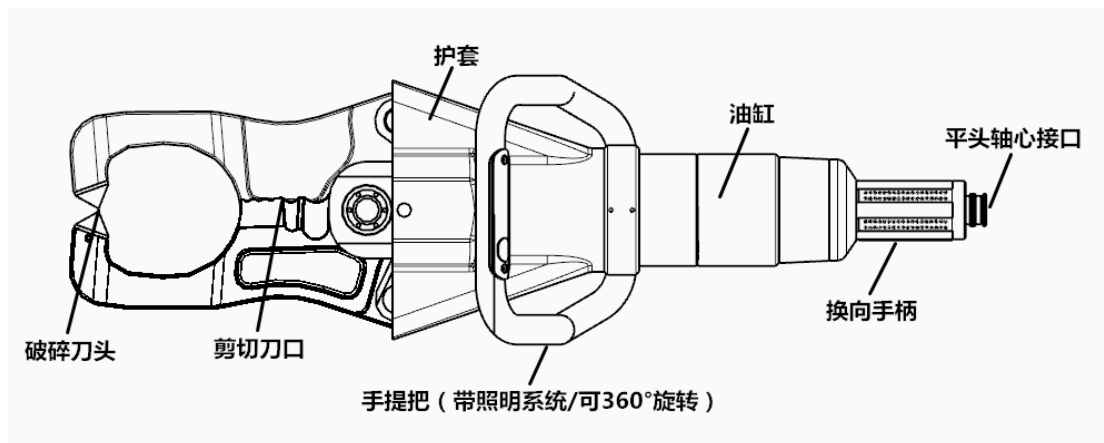
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round steel or broken concrete, can be used to tear down metal or concrete collapse, to rescue people trapped in a dangerous environment.

Working principle of hydraulic concrete breaking splice: connect the mobile pump / manual pump through the high pressure oil pipe, the mobile pump / manual pump works to deliver hydraulic oil for the tool, the hydraulic oil pushes the piston, pass the piston power to the rotating hydraulic tool, so as to implement shear and crushing rescue operations for the breaking object.

Chapter II: Main structure



Internal structure of the concrete crushing shear device

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Chapter III: Technical parameters

Project	Parameters
Rated working pressure	72Mpa
Broken opening distance	375mm
Cut the opening distance	165mm
Maximum shearing capacity (Q235)	φ 36mm
Shear capacity (HRB400 hot-rolled ribbed reinforcement)	φ 26mm
Floor Thickness (C30 concrete floor slab)	200mm
No-load is open / closed	8-10s
Weight	15.3kg
Appearance dimension: long * width * height	780×230×220mm

Chapter IV: Operating Procedure

The 1, removes the concrete crushing cutter and connects the quick single-tube port to the 5-meter single-tube port of the motor pump.

2, can operate with pressure when using the mobile pump as a power

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source, and can connect the hydraulic crushing shear state without closing the hydraulic switch valve of the mobile pump.

The 3, operator right-turns the handle to open the concrete crushing shear to fit into the working object (round steel or floor) and cut the cut (steel pipe) between the two arc blade ports.(Note: Round steel must be cut with the blade blade of the cutter, and the front crushing head).

The 4, operator left-turned handle to shear the concrete shcutter.

After the 5, work, the scissors shall be left in a microopen state (3-5mm distance at the end) for the next smooth operation.

After the 6, is used, turn off the engine.Then unplug the fast interface and remove the connection between the concrete crushing shear and the pump and oil pipe, cover the dust cap and dust removal into storage for storage.

Chapter V: Notes

1, concrete crushing shear is used for shear, can only cut Q235 or HRC \leq 20 material and C30 concrete floor, do not allow to cut hardened steel,

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otherwise will damage the tool or collapse injury. Remind users: if the cut material is not clear, the cutting should be conducted, exit the cutter after 1-2mm, check the cut situation, find that the material is hardened material, stop the operation and replace other tools.

The 2, again reiterated that when the blade vertical distance of the port portion of the two blades of the concrete crushing cutter separates the > 3mm, the blade should immediately stop working and adjust the shear angle before resuming the shear. (Otherwise, the tool knife heads will be damaged)

3, concrete crushing cutter shall make the cut workpiece vertical to the shear blade cut surface to avoid lateral bending damage to the cutting blade due to lateral force. When cutting more than 10mm plate material or 30mm round steel (Q235 material), in order to prevent tool damage, it should be paid not to deliberately cut off once, can be cut in multiple times and multiple directions to be cut.

When 4, crushing and cutting operation, do safety protection, and the cut objects should be properly safe and fixed.

Repair and adjustment of the hydraulic part of the 5, concrete crushing shear shall be conducted by professional repair personnel in the designated repair department. Never allow users to adjust disassembly.

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6, Sichuan RegJet Fire Technology Co., Ltd reserves the right to change the contents of this manual without notice and liability.

Chapter VI: Warranty description

Beijing Topsky Intelligent Equipment Group Co., Ltd provides free maintenance of the materials and manufacturing quality problems of the rescue tool under normal use. Five years from the date of warranty, the Company shall be responsible for free repair or replacement of faulty tools or parts. Warranty does not include damage to tools or parts caused by incorrect operation, negligence or unauthorized changes without the consent of the Company.