

75 TON HYDRAULIC SHOP PRESS

Item: TY75021
Capacity: 75 Ton

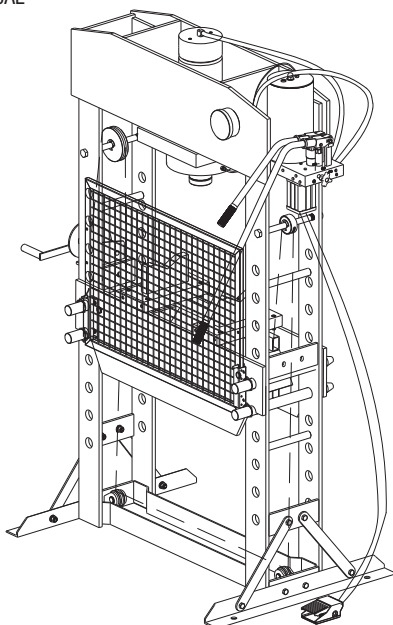
(FR) PRESSE D'ATELIER HYDRAULIQUE

(ES) PRENSA HIDRÁULICA DE TALLER

(DE) HYDRAULISCHE PRESS

(RU) МАГАЗИН ПРЕССЫ

OWNER'S MANUAL



CE

⚠ WARNING!

Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

TECHNICAL SPECIFICATIONS

	Description
Item	TY75021
Capacity	75 TON
Bed Opening	220mm
Work Range	0 ~ 900mm
Stroke Length	460 mm
Inside Bed Dimensions L x W	?? mm
Dimensions L x W x H	1370x840x2124 mm

SAFETY MARKINGS

⚠ WARNING!

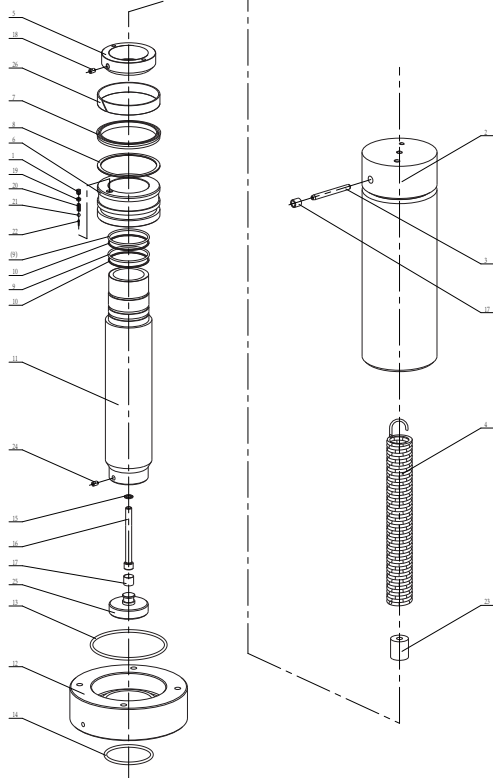
1. Study, understand, and follow all instructions before operating the device.
2. Do not exceed rated capacity.
3. Prior to use, make sure the press is securely anchored.
4. The press shall be installed and operated in accordance with instructions.
5. Ensure the work area is clean and free of any hazards before operation.
6. Keep hands, arms, feet, and legs out of the work area. Accidental slippage can result in personal injury.
7. Use appropriate guarding to contain any pieces that may break or fly apart when applying force.
8. Use only press accessories having a capacity rating equal to or greater than the capacity of the press.
9. Verify lift cables are slack before pressing on the bolster.
10. Avoid off-center loads.
11. No alterations shall be made to the product.
12. Do not use this press for any use other than the manufacturer specified usage.
13. Failure to heed and understand these instructions and markings may result in personal injury, property damage, or both.

PARTS LIST

SHOP PRESS PARTS LIST (figure a)

No.	Description	QTY	No.	Description	QTY	No.	Description	QTY
1	Straight connector	3	23	Spring washer 12	14	45	O-ring 5x1.8	4
2	Hydraulic pump unit	1	24	Washer 12	14	46	Nut M20x2	1
3	Short handle	1	25	Nut M12	14	47	Ring	1
4	Bolt M8x20	2	26	Bolt M12x30	4	48	Big roller	1
5	Long handle	1	27	Base section	2	49	Roller shield	3
6	Plastic	1	28	Bolt M10x35	6	50	Bolt M12x40	4
7	Handle sleeve	2	29	Spring washer 10	6	51	Steel wire winch	1
8	Frame set	1	30	Washer 10	6	52	cury board	1
9	Press block set	2	31	Roller	3	53	Butterfly	8
10	Middle groove set	1	32	Retaining ring 20	8	54	Protector netting	1
11	Ram	1	33	Long roller	2	55	Foot pedal	1
12	Gauge	1	34	Air hose	1	56	steel wire1	1
13	Bolt M12x120	4	35	Washer 20	2	57	Clamp	3
14	Spring	4	36	Nut M20	2	58	Steel wire2	1
15	Roller	2	37	Wire fix base	2	59	Nut M10	3
16	Retaining ring 15	4	38	Ring 19	8	60	Aluminum chuck	3
17	Bearing	4	39	Connection bar	2	61	Pull lock sleeve	3
18	Bolt M6x10	4	40	Short roller shaft	2	62	Pipe	4
19	Ram fixup assembly	1	41	Cylinder pipe	1			
20	Bed frame pin	4	42	Pressure gauge oil pipe	1			
21	Support beam	4	43	Plastic	1			
22	Bolt M12x35	10	44	Connector	1			

RAM PARTS LIST (b)

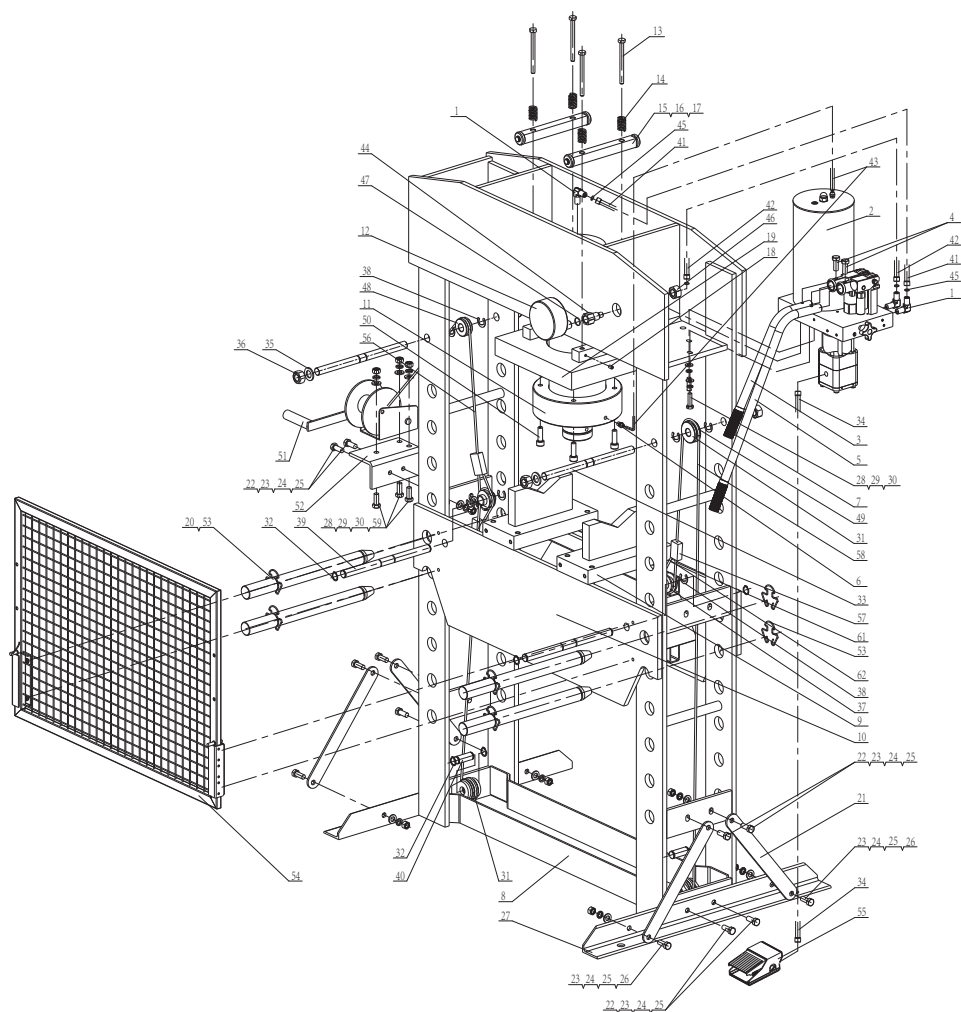


RAM PARTS LIST (figure b)

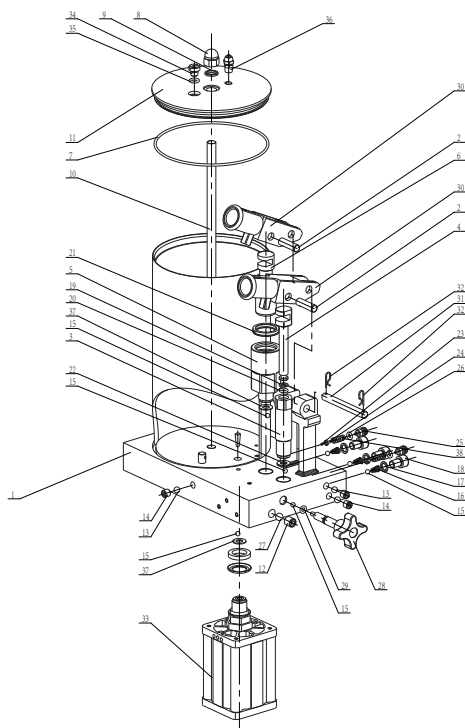
No.	Description	QTY
1	Oil filter mesh	1
2	Cylinder	1
3	B10x95	1
4	Spring	1
5	Guide sleeve	1
6	Piston head	1
7	Y-ring	1
8	Back bracket	1
9	O-ring 76.5x2.5	2
10	Ring	2
11	Piston rod	1
12	Guide sleeve	1
13	O-ring 145x5.3	1

No.	Description	QTY
14	O-ring 92.5x5.3	1
15	Washer	1
16	Bolt M10x80	1
17	Seal kit ZG1/2"	2
18	Bolt M10x10	1
19	Shaft	1
20	Spring	1
21	Ball 6.000	1
22	Top head	1
23	Spring locking	1
24	Bolt M8x10	1
25	Pressure head	1
26	Piston head	1

SHOP PRESS PARTS LIST (a)



PUMP PARTS LIST (C)



PUMP PARTS LIST (figure c)

No.	Description	QTY
1	Base welding set	1
2	Shaft	2
3	Small pump unit	1
4	Small pump piston	1
5	Big pump unit	1
6	Big pump piston	1
7	O-ring 151.5x2.1	1
8	Nut M12	1
9	Copper washer	1
10	Screw	1
11	Cover board	1
12	Bolt M12X12	1
13	Ball 8.0000	2

No.	Description	QTY
14	Bolt M10X8	2
15	Ball 6.0000	7
16	Bolt	3
17	Washer	3
18	Bolt	3
19	Seal kits	1
20	O-ring	4
21	Y-ring	1
22	Washer	1
23	Ball 3.0000	2
24	Spring base	2
25	Bolt	2
26	O-ring	2

No.	Description	QTY
27	Ball 10.0000	1
28	Release valve	1
29	O-ring	1
30	Handle socket	2
31	Pin	1
32	Torsion spring pin	2
33	Air pump	1
34	Bolt	1
35	O-ring 8.5x2.65	1
36	Plastic tube	1
37	Washer	2
38	Spring	2

BEFORE FIRST USE

- Before first use of this product, purge away air from the hydraulic system: open the release valve by turning it counterclockwise. Pump several full strokes to eliminate any air in the system.
- Check all parts and conditions, if there is any part broken, stop using it and contact your supplier immediately.
- Please oil before use it. Pay attention to the oil. Prevent oil poured out and the film of the sealed cans fall into the barrel storage. Check whether the oil is clean, please replace the hydraulic oil regularly. You had better replace once a year.

OPERATING INSTRUCTIONS

WARNING! ENSURE THAT YOU READ, UNDERSTAND AND APPLY THE SAFETY INSTRUCTIONS AND WARNINGS BEFORE USE.

- Place the heel block on bed frame, then insert workpiece onto the heel block.
- Connect the air inlet fitting into the shop air supply hose lock fitting, turn on the valve to let the pump work until serrated saddle nears workpiece, then turn off the air valve. When air source is unavailable, pump the handle until serrated saddle nears workpiece.
- Align workpiece and ram to ensure center-loading.
- Turn on air valve (or pump the handle) to apply load onto workpiece.
- When work is done, turn off the air valve (or stop pumping handle), slowly and carefully remove load from workpiece by turning the release valve counterclockwise in small increments.
- Once ram has fully retracted, remove workpiece from bed frame
- Disconnect the air inlet fitting from the air source.

MAINTENANCE

- Clean the outside of the press with dry, clean and soft cloth and periodically lubricate the joints and all moving parts with a light oil as needed.
- When not in use, store the press in a dry location with ram and piston fully retracted.
- When press efficiency drops, purge always air from hydraulic system as described before.
- Check the hydraulic oil; remove the oil filler nut on the top of the reservoir, if the oil is not adequate, fill with high quality hydraulic jack oil as necessary, then replace the oil filler nut, purge away air from the hydraulic system.

EU Declaration of Conformity (Translation of the original EU Declaration of Conformity)

We

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Declare under our sole responsibility that the follow product

Equipment: shop press

Model/type: TY75021

Is in conformity with the

Machinery Directive (MD) 2006/42/EC

And the following harmonized standards and technical specifications have been applied:

EN ISO 12100:2010 Safety of machinery-General principles for design - Risk assessment and risk reduction

EN 1494:2000+A1:2008 Mobile or movable jacks and associated lifting equipment

Changshu 30.03.2018

Manufacturer: Changshu Tongrun Auto Accessory Co., Ltd

Wang Jingfang

Jingfang Wang, Engineer (authorized to compile the Technical File)

Made in china

