

**PARTS LIST**

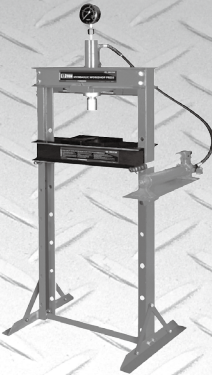
Part	Description	Qty	Part	Description	Qty	Part	Description	Qty	Part	Description	Qty
1	Bass section	2	12	Lock washer Ø12	4	23	Bed fram	1	34	Washer Ø24	8
2	Knighthead	4	13	Washer Ø12	4	24	Pulley	4	35	Bolt M16 x70mm	4
3	Post	2	14	Bolt M12x35mm	8	25	Heel block	2	36	Washer Ø16	4
4	Across plank	2	15	Nut M12	8	26	Press parts	1	37	Lock washer Ø16	4
5	Bed framopin	2	16	Lock washer Ø12	8	27	Upper crossbeam	1	38	Nut M24	4
6	Nut M12	8	17	Washer Ø12	8	28	Handle	1	39	Pressure gauge	1
7	Lock washer Ø12	8	18	Bolt M10x30mm	4	29	Press pump parts	1	40	Lock washer Ø10	4
8	Washer Ø12	8	19	Take-up	1	30	Axial loop	4	41	Bolt M10x20mm	4
9	Bolt M12x35mm	8	20	Nut M10	4	31	Bolt M24x50mm	8			
10	Bolt M12x35mm	4	21	Lock washer Ø10	4	32	Nut M24	8			
11	Nut M12	4	22	Washer Ø10	4	33	Lock washer Ø24	8			





**KING TONY**

# HYDRAULIC WORKSHOP PRESS OPERATION MANUAL



**12  
TON**

No.9TY511-12A-B



**20  
TON**

No.9TY512-20A-B

**12  
TON**

No.9TY513-12A-B



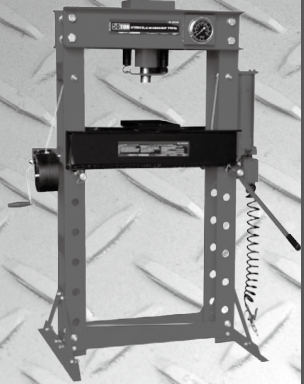
**20  
TON**

No.9TY516-20A-B



**50  
TON**

No.9TY521-50A-B



**NO.9TY51  
NO.9TY52**



Please wear proper safety gear while working.



- **Before first use , 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 broken part , please stop using it**

KT NO.	Capacity (T)	Stroke (mm)	Work range (mm)	Gauge
9TY511-12A-B	12	175	0-920	•
9TY512-20A-B	20	185	0-910	•
9TY513-12A-B	12	175	0-610	-
9TY516-20A-B	20	150	0-710	-
9TY521-50A-B	50	175	0-890	•

## OPERATING INSTRUCTIONS

- 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.

## **SAFETY INSTRUCTIONS**

- If detect anything that may indicate imminent structural failure, stop using the press immediately and inspect it thoroughly.
- Do not use press to compress springs or any other item that could disengage and cause a potential hazard.
- Keep it clean for best and safest performance.
- Do not exceed the rated capacity.
- Use this press for the purpose for which it is intended. Do not use it for any other purpose it is not designed to perform
- Keep children and unauthorized persons away from the work area.
- Remove ill fitting clothing. Remove ties, watches, rings and other loose jewelry and contain long hair.
- Wear ANSI approved impact safety goggles, full-face impact safety shield and heavy-duty work gloves when operating the press.
- Keep proper balance and footing, do not over-reach and wear non-skid footwear
- Only use this press on a surface that is stable, level, dry and not slippery, and capable of sustaining the load.
- Keep the surface clean, tidy and free from unrelated materials and ensure that there is adequate lighting.
- Check to ensure that all applicable bolts and nuts are firmly tightened.
- Do not use the shop press to compress spring or any other item that could disengage and cause a potential hazard. Never stand directly in front of loaded press and never leave loaded press unattended.
- Do not operate the press when you are tired or under the influence of alcohol, drugs or any intoxicating medication.
- Do not allow untrained persons to operate the hydraulic shop press.
- Do not make any modifications to the press.
- Do not expose the press to rain or any other kind of bad weather.
- If the press needs repairing and/or there are any parts that need to be replaced, have it repaired by authorized technicians and only use the replacement parts supplied by the manufacturer.