

The series of MI-92S hose crimping machines are the portable types, which are suitable for field operation or frequent moving maintenance. The small and portable machine is driven by manual hydraulic pump and can be reset mechanically, which greatly reduces the labor intensity. The special material has high strength performance and the glossiness of work surface reaches a highest level after CNC and heat treatment. All of above enable it to be the best choice for your maintenance and field operation!



Technical data

Model	MI-92S-A
Pump	Manual pump
Systematic pressure	35 MPa
Opening without dies	Ø53 mm
Hydraulic oil	L-HM32
Crimping range	Ø6 — Ø25
Outside measurement	305×370×270 mm
Volume of oil tank	328 mL
Weight	26.5 Kg

Diagram



Explain:

1. Machine head	2. Machine body	3. Battery case
4. Size regulator	5. Indicator light	6. Indicator check valve
7. Dies cabinet	8. Hand pump	9. Unloading valve

Instructions for use and maintenance

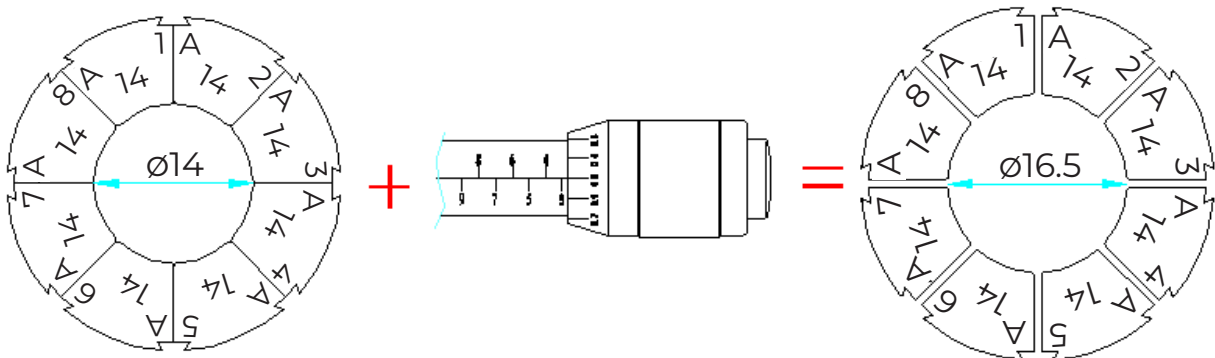
Operation

1. Machine storage: Open the package, and place the machine in the ventilation and dry house where temperature is above 10.
2. Hydraulic operating fluid filling: Open oil injection gap (refer to the diagram), and fill the hydraulic operating fluid slowly (refer to technical data I).
3. Systematic pressure: The hydraulic pressure has been debugged before the machine leaves the factory. Don't adjust it to avoid the overload.
4. Choose the die: Users can choose dies according to the hose size. The figure on the die surface refers to the bore size.
5. Die base lubrication: Before operating the machine please add some lithium grease to the die base so that the working surface is smooth.
6. Dies installation: Slot the die into the dove tail groove, and push it in. Pull them out one by one to remove, as shown below.



7. Size adjustment: The final crimped size can be got by adjusting the regulator, twist it to get different sizes. Please choose suitable dies and adjust regulator to finish crimping.

computing method die bore regulator size final crimped size.
As shown below: $14 + 2.5 = 16.5$



8. Crimp hose :

- ① Choose suitable dies as per the crimping data.
- ② Adjust the size regulator accordingly.
- ③ Press the check valve to check whether the indicator is normal.
- ④ Screw down the unloading valve clockwise.
- ⑤ Put the fitting into the machine mouth, keep pressing the hand pump until the light is on.
- ⑥ Unscrew the unloading valve anticlockwise, and take out of the fitting after the mouth is open automatically.

Maintenance

1. High strength screws around the front flange should be tightened regularly, once a half year at least, tightening torque is 34 ± 8 Nm. Please shorten the maintenance period on the condition of full loaded operation.
2. The working surface should keep clean and lubricant with oil.
3. Check the fittings, if loose, please change in time..
4. Filter the oil once a half year.

Attention

- The machine is designed to crimp hydraulic rubber hose, if you have other substances to crimp, please consult us in advance. We disclaim all responsibility for the damage or injury to the machine caused by the operation in conditions of uncertainty.
 - When the machine is off working state, please keep the mouth open, to avoid the springs compression fatigue.
 - In extreme circumstances such as extreme cold or high temperature, please select the suitable hydraulic oil, so that the equipment is more suitable for operation.
 - **Notice the clamp injury risk!!!**
- When machine is working, do not put your fingers into the die mouth to avoid clip.
- After work, pls keep the die mouth open totally.
 - Do not rinse the machine, especially the head parts.