

**DME&JDE** GROUP  
YOUR CONNECTORS & HOSES OEM SOLUTIONS



France Technology Equipment

**DME&JDE**

## HAND HOSE CRIMPING MACHINE SCM25-A



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## HAND HOSE CRIMPING MACHINE

# DME&JDE SCM25-A

The series of SCM25-A hose crimping machines (Handhebel Type) are the portable types, which are suitable for field operation or frequent moving maintenance. SCM25-A is a highly cost-effective machine developed and designed in collaboration with a French hydraulic team. 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!



Size regulator



Indicator light



Indicator check valve

## HAND HOSE CRIMPING MACHINE

# DME&JDE SCM25-A

## Specification

### ► Technical Data

Max Hydraulic Hose	25mm ( 2SN )
Crimping Range	47mm ( 2SN 1" Ferrule )
Die Type and Quantity	7 PCS
Master Die Length	55 mm
Max Opening	52 mm
Hand Pump Pressure	700 Bar ( MADE IN CHINA )
Speed of Crimping	Standard Speed
Crimping Force	1000 KN
Control	Micro Dail
L × W × H	305 × 400 × 280 mm
Weight	25.5 KGS



Instructions for use and maintenance

## Operation

### Machine storage

Open the package, and place the machine in the ventilation and dry house where temperature is above 10°C .

### Hydraulic operating fluid filling

Open oil injection gap, and fill the hydraulic operating fluid slowly.

### Systematic pressure

The hydraulic pressure has been debugged before the machine leaves the factory. Don't adjust it to avoid the overload.

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**Choose the die**

Users can choose dies according to the hose size, The figure on the die surface refers to the bore size.



► **High Pressure Dies Specification**

Number	Die No.	Crimp Range (mm)	D (mm )	L (mm)
1	14	14-16	14	60
2	16	16-19	16	60
3	19	19-22	19	60
4	23	23-27	23	60
5	27	27-31	27	60
6	31	31-35	31	60
7	35	35-39	35	60

*Notes: standard die sets are included, others are options.*

**Die base lubrication**

Before operating the machine, please add some lithium grease to the die base so that the working surface is smooth.

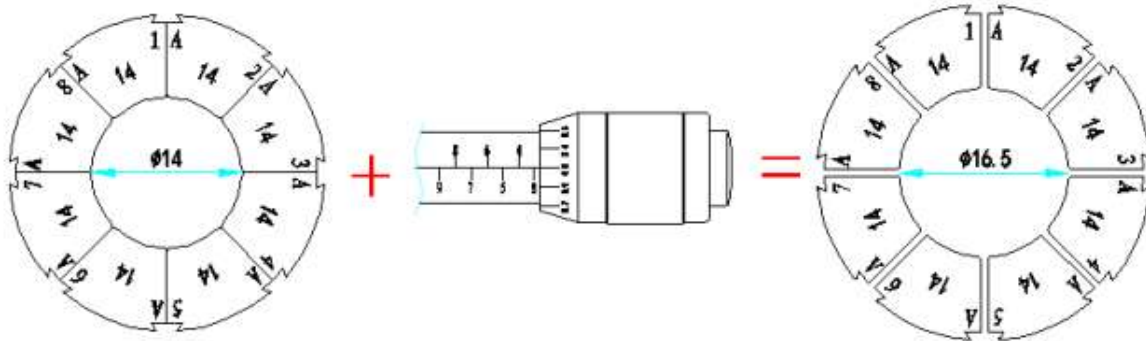
**Dies installation**

Slot the die into the dovetail groove, and push it in. Pull them out one by one to remove, as shown below.



### 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.



### Crimp hose

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

Instructions for use and maintenance

## Maintenance

### Maintenance

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







## Instructions for use and maintenance

# Attention

### 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 accidental injury when the machine restarts.
- ▶ 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 figures 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.

Instructions for use and maintenance

# Remark

## Remark



► Packing type :wooden case packing

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