

SAMWAY P16HP

Samway P16HP portable Crimping Machine (P20HP also available up to 1 1/2" 4SP hydraulic hose



Note: due to the airfreight restrictions, hydraulic oil has been removed for safety reasons.

Please fill about 0.6 liter hydraulic oil before any operations.

Get ready:

Fill the hydraulic oil for the pump.

Please locate the P16HP to a solid and flat place.

Install the die sets with a supplied tool in the die box in front of the machine at the right side.

Please choose the right die sets for your hose, wrong die sets will damage the machine as well as the coupler.

Notice:

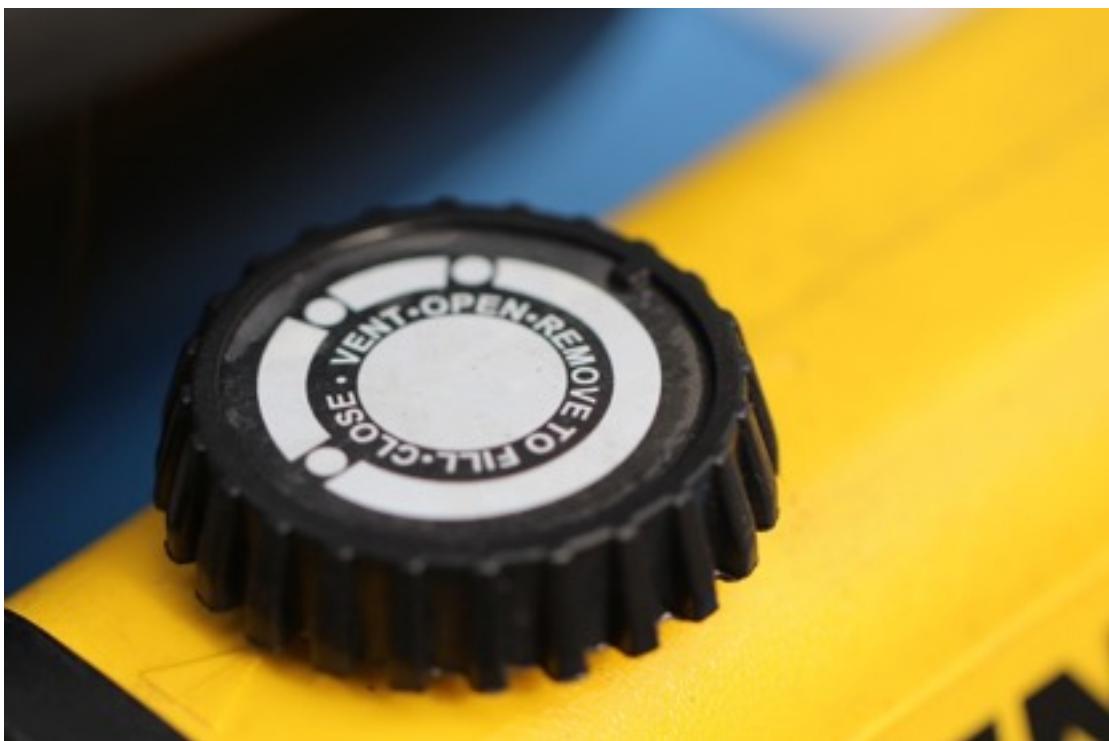
H16HP shiped by air:

Battery maybe removed by the safety reasons.

Hydraulic oil maybe removed for the safety reasons as well.

Standard shipment by sea will have the battery and the hydraulic oil filled.

SAMWAY P16HP



This is where you fill the hydraulic oil (ISO 46 Shell would be fine)



In the right side , where is a die box, you can hold he die sets and also the tools could be inside.

SAMWAY P16HP



How to use the micro dial:

Usually you need to calculate the difference your reached size (OD) and the die OD, for example: you want to crimp the coupler to 18mm, thus you should choose the die which is just smaller to the 18mm, so it is 16mm die, and you can put the 16mm die inside the machine.

The difference is : final achieved die sets: $18\text{mm} - 16\text{mm} = 2\text{mm}$, this difference is what you need to adjust in the micro dial.

So you turn the micro dial to 2mm.

Once everything is good and you need to put the hydraulic hose into the position.

Once in position: you should operate the hand pump to start the crimping process.

Operation of the hand pump:

SAMWAY P16HP



The release and lock switch is at the bottom of the hand pump, you could turn clockwise to lock the system, and then you may operate the pump to the position when the light on. (light on when the position set reached)

When the position reached, you may then release the switch by turning unclockwise to release the system pressure, and you will see the die sets pull back and then you could take out the hydraulic hose, you should check the size and then do some adjustment if they are required.

Please check the hydraulic oil in the pump, refill if there is lack of hydraulic oil, lack of oil will cause the machine stop working or feel less pressure. So check the hydraulic oil if you found the machine is not powerful or not moving.

The die chart for the P16HP

SAMWAY P16HP

SAMWAY

Model: P16HP

www.samway.us

DIE SET NO	Ømin	+1mm	+2mm	+3mm	+4mm	+5mm	+6mm	+7mm
16-10	10	11	12					
16-12	12	13	14					
16-14	14	15	16	17				
16-16	16	17	18	19	20			
16-19	19	20	21	22	23	24		
16-23	23	24	25	26	27	28		
16-27	27	28	29	30	31	32		
16-31	31	32	33	34	35	36	37	38
MASTER DIES	39	40	41	42	43	44	45	46

CHECK
NEXT
DIE SIZE

Installation of the die sets : Very Important !

Die sets supplied with this machine need to install to the machine clockwise 1 2 3 4 5 6 7 8 according to the mark on each piece of the die sets. Otherwise you may encounter the wrong roundness.

For sales and service:

For die sets customization:

For hydraulic hose and fittings:

Please send the email to kontakt@hydron.com.pl

Larger hand pump powered model P20HP available up to 1 1/2" 4SP hydraulic hose also available. Please check this Samway P20HP in the website www.hydron.com.pl

Samway Portable Series

SAMWAY P16HP

P16HP

- 1"Hydraulic Hose
- Enerpac Pump
- Opening +20mm
- Dies:10 12 14 16 19.23.27.31
- L 1"Y1x30°40°270mm
- Weight:25KG



P16HP

P20HP

- 1 1/2"45°Hydraulic Hose
- Enerpac Pump
- Opening +25mm
- Dies:10 12 14 16 19.23.27.31.36.41.47.54
- L 1 1/2"Y1x48°44°270mm
- Weight:35KG



P20HP

P16AP

- 1"Hydraulic Hose
- Enerpac Air Pump (FAST)
- Opening +20mm
- Dies:10 12 14 16 19.23.27.31
- L 1"Y1x40°40°270mm
- Weight:28KG



P16AP

P20AP

- 1 1/2"45°Hydraulic Hose
- Enerpac Air Pump (FAST)
- Opening +25mm
- Dies:10 12 14 16 19.23.27.31.36.41.47.54
- L 1 1/2"Y1x48°44°270mm
- Weight:35KG



P20AP

IMPORTANT NOTICE OF THE AIR PUMP MODELS : P16AP AND P20AP

NOTE: THE AIR PUMP MODEL MUST USE THE AIR PRESSURE UNDER 4 BAR ! THIS IS VERY VERY IMPORTANT; OTHERWISE YOU WILL FIND THE DAMAGES TO THE CYLINDER.

Make sure you connect the compressed air to the Pneumatic hydraulic pressure pump.

Activate the air pump by press the pedal on the top and leave for stop.

Please supply a 5 bar for the compressed air feed into the pump in the front.

Please feel free to contact Samway for more details if you have any questions.