CRIMPERS

■ Model No. HH-400

Length: 559 mm
Weight: 5.8 kgs

■ Specifications:

Max. Pressure : 700 bar
Oil Required : 57 cc
Max. Output : 15.82 tons / 140.7 kN

■ Features:

- Light weight, compact and slim design.
- Single stage pumping for rapid ram advance.
- Relief valve.
- Head rotates through 180° degree for difficult working environment.

■ Accessories:

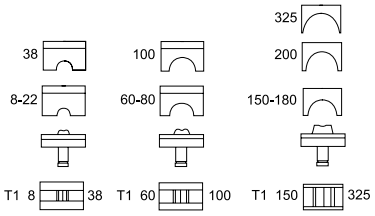
Plastic carrying case

- **Crimping tope only without any die set.**
- Dies sold separately

■ Model No. HH-400I

- For solderless terminal 8~325 mm²
- With Support Die 8~22, 38, 60~80, 100, 150~180, 200 and 325 mm²
- With Indent Die 8~38, 60~100 and 150~325 mm² Dies

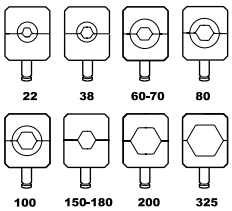
INDENT TYPE



■ Model No. HH-400X

- With 8 of hexagonal die set for solderless terminal 22~325 mm²
- Die set : 22, 38, 60-70, 80, 100, 150-180, 200, 325

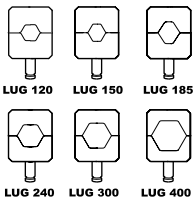
HEXAGONAL



■ Model No. HH-400XL

- With 6 of hexagonal die set for cable lug 120 to 400 mm²
- Die set : LUG120, LUG150, LUG185, LUG240, LUG300, LUG400

HEXAGONAL



HEXAGONAL | INDENT TYPE | TERMINAL | SPEED DELIVERY

MANUAL | MAINTAIN | PROTECTION | PROTECTION | EASY | SKIDPROOF

180° | RELOAD

※ Crimping without die sets is prohibited.

mm^2	AWG (MCM)	JIS	DIN
8.3	8	8	10
13.30	6	14	16
16.78	5		
21.09	4	22	25
26.57	3		
33.94	2	38	35
42.22	1		
53.52	1/0	60	50
67.51	2/0		70
85.16	3/0	80	95
107.22	4/0	100	
126.68	250 MCM	125	120
152.01	300	150	150
177.38	350		185
202.68	400	200	240
253.35	500	250	
304-02	600	325	300
354.69	700		
380.03	750		
405.36	800	400	400
456.03	900		
506.70	1000	500	500

USER'S MANUAL

HAND HYDRAULIC
COMPRESION TOOL

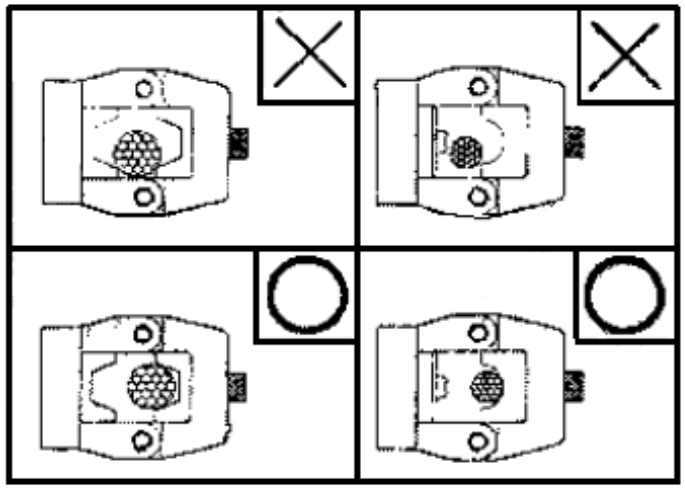
HH-400 X

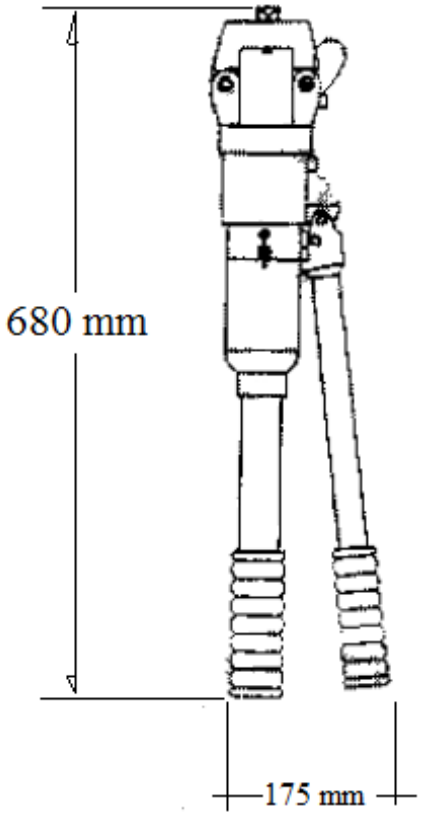
With 8 of hexagonal die set for sloderless terminal 22~325mm^2
Die set : 22,38,60-70,80,100,
150-180,200,325

KuDos®

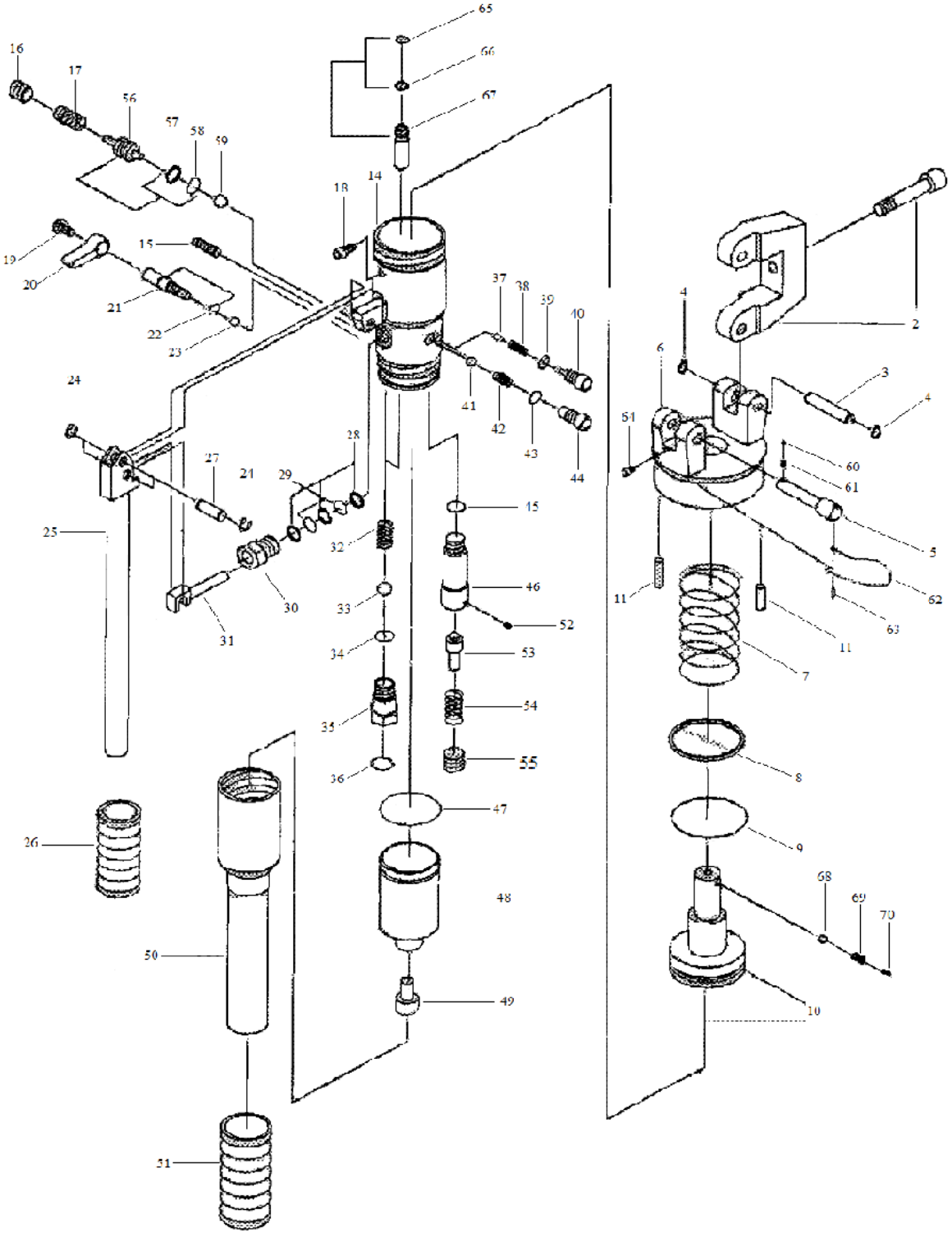
CONTENTS:

** NOTICE **
These two incorrect conditions will damage the tool





WEIGHT: 7 Kgs



HH-400 X

1	SCREW	38	SPRING
2	UPPER HEAD	39	O-RING
3	PIN	40	SCREW
4	CIRCRIP	41	BALL
5	FIXING PIN	42	SPRING
6	HEAD FUSE	43	O-RING
7	MAIN SPRING	44	SCREW
8	BACK-UP RING	45	O-RING
9	O-RING	46	VALVE SCREW
10	PISTON	47	O-RING
11	PIN	48	RESERVOIR
14	CYLINDER	49	RESERVOIR CAP
15	SCREW	50	BODY HANDLE
16	SCREW	51	BODY HANDLE GRIP
17	SPRING	52	SCREW
18	SCREW	53	PIN
19	SCREW	54	SPRING
20	SWITCH	55	SCREW
21	SCREW	56	CONTROLLER
22	O-RING	57	BACK-UP RING
23	BALL	58	O-RING
24	CIRCRIP	59	BALL
25	PUMP HANDLE	60	BALL
26	PUMP HANDLE GRIP	61	SPRING
27	PIN	62	WIRE
28	BACK-UP RING	63	PIN
29	O-RING	64	SCREW
30	SCREW	65	O-RING
31	PUMP PISTON	66	BACK-UP RING
32	SPRING	67	SCREW
33	BALL	68	SCREW
34	O-RING	69	SPRING
35	SCREW	70	BALL
36	FILTER		
37	BALL		

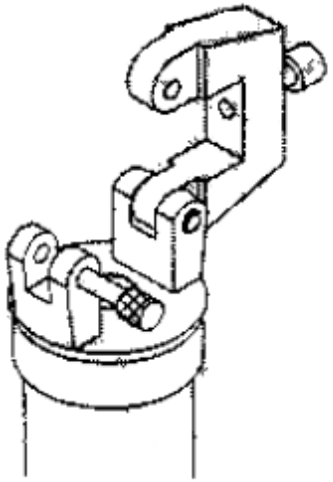
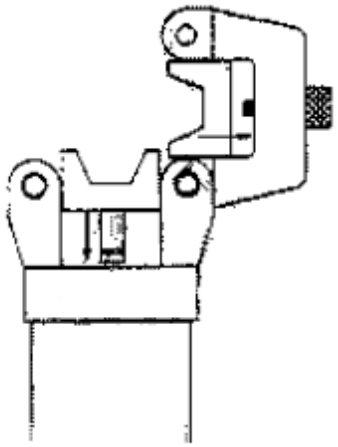


Fig. 1-1



* see page 6
Special Operation
for HH 400I
Fig. 1-2

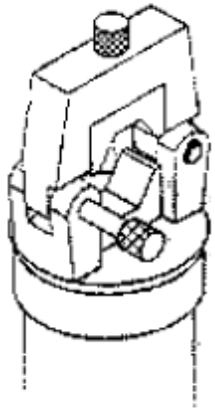


fig.1-3

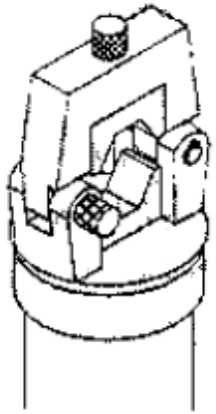


fig.1-4

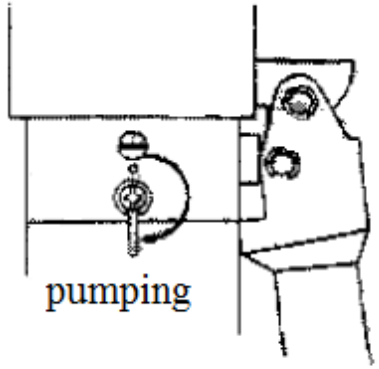


fig. 1-5

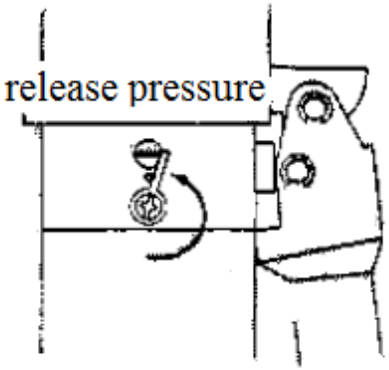


fig. 1-6

OPERATING INSTRUCTIONS

1. Open the upper head (2) (Fig. 1-1)

2. Insert dies (Fig. 1-2)

3. Close upper head and insert fixing pin (5) all the way. (fig. 1-3, fig. 1-4)
CAUTION: IF FIXING PIN DOES NOT INSERT ALL THE WAY, HEAD MAY BE DAMAGED DURING OPERATION.

4. Turn release pressure switch (20) to pumping position (down) and pumping the pump handle until the die close (fig. 1-5)

5. If strong force is needed during compressing object, turning adjusted screw counter-clockwise a circle or more.

6. After operation, turn release pressure switch to release pressure position (up), (fig. 1-6)

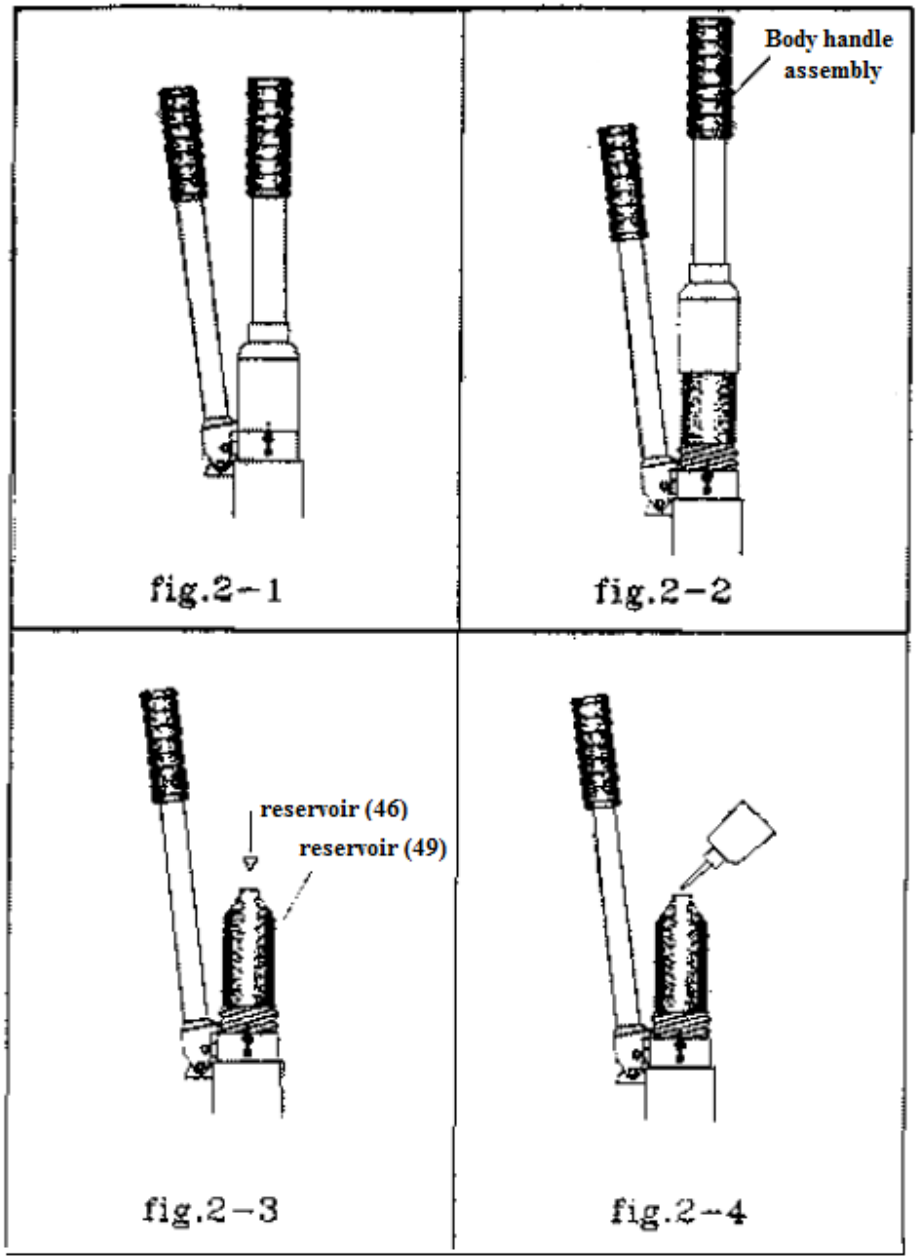


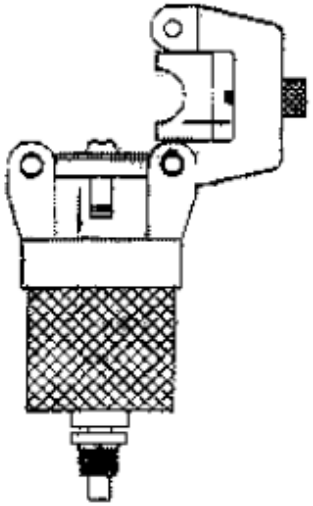
fig.2-1 fig.2-2

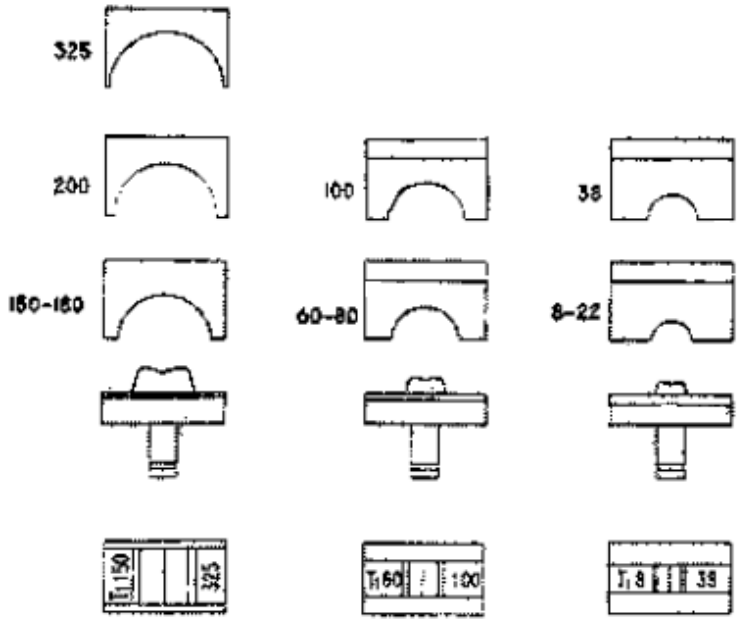
fig.2-3 fig.2-4

REFILL OIL

1. Place the tool head downward and hold it an upright position (fig. 2-1)
2. Release pressure.
3. Remove the body handle assembly (50, 51). (fig. 2-2)
4. Pump the handle several times and release pressure. Repeat this procedure several times. This will clear any air bubbles in the hydraulic system.
5. Holding the pump handle in the close position, remove the reservoir cap (49) with care as air bubbles may remain in the end of the oil reservoir (fig. 2-3)
6. Refill oil (Shell Tellus oil T15, Mobile DET-12, or equal) and reset the cap. (fig. 2-4)
7. Check the oil reservoir for pin holes by squeezing reservoir with fingers. If any leaks are detected, replace with a new reservoir.

SPECIAL OPERATION
FOR HH-400 I





MOUNTING INSTRUCTION

First compression (inside)

First compression (inside)

Finish compression form inside to outside

Finish compression form inside to outside

First compression on the other side

First compression from inside to outside