

No. 38A Hydraulic Tool

No. 38A Hydraulic tool is recommended for compression of UTILUX aluminium and copper crimp connectors. The tool is designed to accommodate hexagonal, circular and indent type dies for applying compression fittings to copper, aluminium, ACSR and steel conductors to both circular and segment sections.

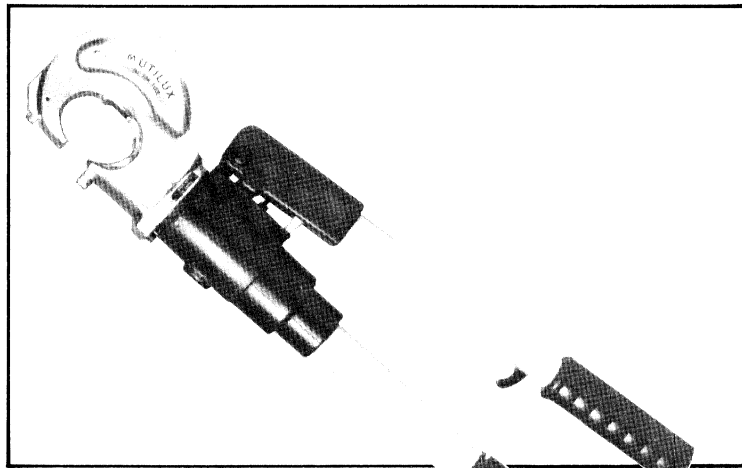
Tool weight, 5.8 kg, enables the unit to be readily handled for both industrial and overhead transmission line applications. The compression head will rotate through 180° arc. The head cannot be rotated when the compressor is under hydraulic pressure.

41AH — hydraulic head complete with Q.C. fitting.

No. 38D — dies to suit.

Body and handles are Neoprene covered to provide mechanical protection for the tool as well as some guard against accidental contact with line parts. THE COVERING IS NOT INTENDED TO AFFORD PROTECTION TO THE OPERATOR FOR LIVE WORK.

"Hot sticks" may be adapted for use with the compressor. The compressor is supplied in a metal case containing a steel rack for dies. Detailed information sheets are included with each compressor. Operating Pressure: 68,900 kPa. (10,000 psi).



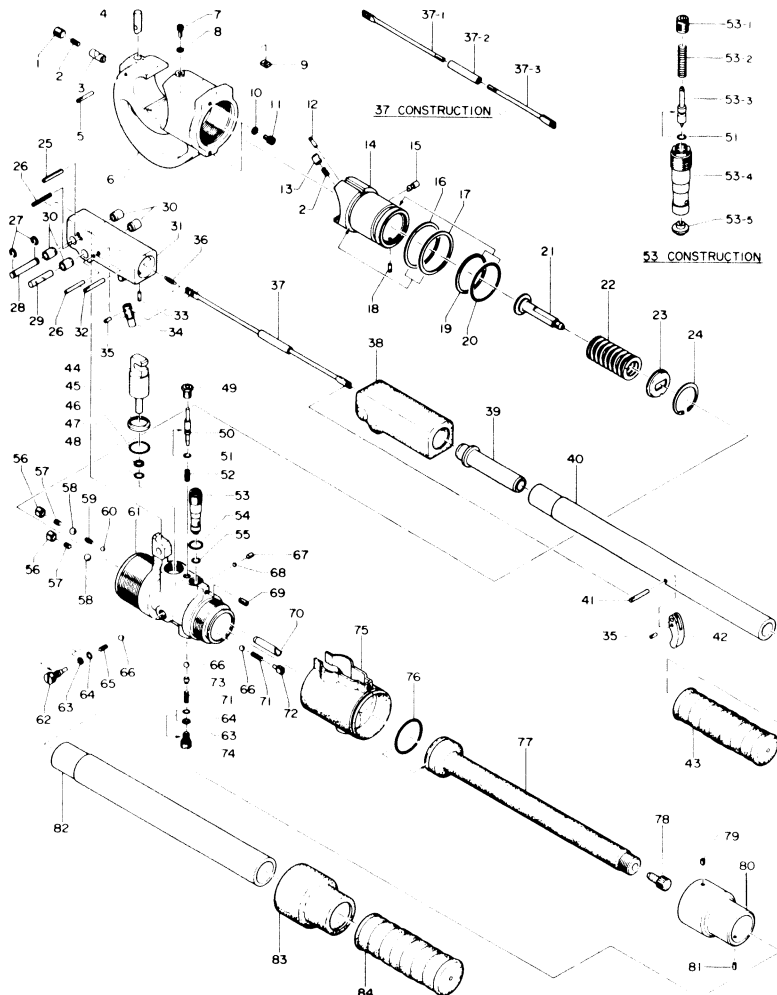
Nominal Weights

Compressor	5.8 kg
Shipping Case	5.65 kg
Dies — per Set	0.32 kg

Approximate Overall Dimensions

	Length	Width	Height
Compressor	58 cm	12 cm	7 cm
Shipping Case	62 cm	18 cm	10 cm

(Refer page 6 for parts list)



Part No.	Description	Qty.	Code No.	Part No.	Description	Qty.	Code No.
1	M10x10 Screw	1	16-41	46	P-20 O-Ring	1	410-34
2	Spring (177)	2	410-01	47	P-8 Back-up Ring	1	85-33
3	Retainer Pin (A)	1	410-02	48	P-8 O-Ring	1	85-34
4	Die Release Pin (A)	1	410-03	49	Release Valve Screw	1	85-35
5	2.5Ø-24 Dowel Pin	1	410-04	50	Release Valve Stem	1	410-35
6	Head	1	410-05	51	P-3 O-Ring	2	16-36
7	M4x0.7x10 Screw	1	410-06	52	Release Valve Spring (144)	1	85-37
8	M4 Lock Washer	1	410-07	53	Bypass Cartridge	1	410-36
9	Key	1	410-08	53-1	M8x10 Screw	1	410-37
10	M5 Lock Washer	2	410-09	53-2	Pressure Valve Spring (163)	1	410-38
11	M5x0.8x6 Screw	2	410-10	53-3	Pressure Valve Stem	1	410-39
12	2.5Øx14 Dowel Pin	1	410-11	53-4	Cartridge Body	1	410-40
13	Retainer Pin (B)	1	410-12	53-5	Pressure Valve Seat	1	410-41
14	Ram	1	410-13	54	S-12 O-Ring	1	410-42
15	Die Release Pin (B)	1	410-14	55	PB-8 O-Ring	1	410-43
16	Ram Washer	1	410-15	56	Exhaust Valve Screw	2	410-44
17	P46 Back Up Ring (E.L.)	1	410-16	57	Exhaust Valve Spring (67)	2	85-39
18	2.5Øx8 Dowel Pin	1	410-17	58	9/32" Ball	2	16-40
19	P40 Back-Up Ring	1	22-16	59	Suction Valve Spring (66)	1	85-40
20	P40 O-Ring	1	22-17	60	3/16" Ball	1	16-49
21	Ram Spring Guide	1	410-18	61	Body	1	410-45
22	Ram Spring (65)	1	410-19	62	Suction Valve Plug	1	410-46
23	Ram Spring Support	1	410-20	63	P-4 Back-up Ring	2	410-47
24	OV 36 Snap Ring	1	410-21	64	P-4 O-Ring	2	410-48
25	5Ø-28 Drive Pin	1	85-57	65	Suction Valve Spring (4)	1	16-48
26	3Ø-28 Drive Pin	1	38A-01	66	7/32" Ball	3	16-26
27	CE7 Snap Ring	2	40-49	67	M4x0.7x4 Screw	1	85-47
28	Pin (85)	1	410-22	68	1/8" Ball	1	40-20
29	Pin (84)	1	410-23	69	M5x0.8x8 Screw	1	410-49
30	Bushing	4	410-25	70	Suction Tube	1	410-50
31	Pump Handle Head	1	38A-02	71	Spring (43)	2	85-49
32	5Øx30 Dowel Pin (G)	1	38A-03	72	Control Valve Screw	1	85-50
33	2.5Øx10 Dowel Pin (B)	1	38A-04	73	Spring Holder	1	410-51
34	Push Pin	1	38A-05	74	Release Valve Plug	1	410-52
35	3Øx8 Dowel Pin (G)	2	410-29	75	Body Insulation	1	410-53
36	Spring (180)	1	38A-06	76	G-30 O-Ring	1	75-26
37	Connecting Shaft Assembly	1	38A-07	77	Oil Reservoir	1	410-54
37-1	Shaft (1)	1	38A-08	78	Reservoir Gap	1	410-55
37-2	Joint	1	38A-09	79	M4x0.7x6 Screw	1	16-42
37-3	Shaft (2)	1	38A-10	80	Body Handle Extension	1	410-56
38	Handle Head Insulation	1	410-27	81	2.5Øx6 Drive Pin	1	410-57
39	Pump Handle Stem	1	38A-11	82	Body Handle	1	410-58
40	Pump Handle	1	38A-12	83	Handle Extension Insulation	1	410-59
41	4Øx26 Dowel Pin (G)	1	410-26	84	Body Handle Grip	1	410-60
42	Trigger	1	38A-13	25-43	Pump Handle ASSY.	1	38A-14
43	Pump Handle Grip	1	410-31	80-84	Body Handle ASSY.	1	410-62
44	Pump Piston	1	410-32		Metal Carrying Case	1	410-63
45	Dust Seal Ring	1	410-33				