

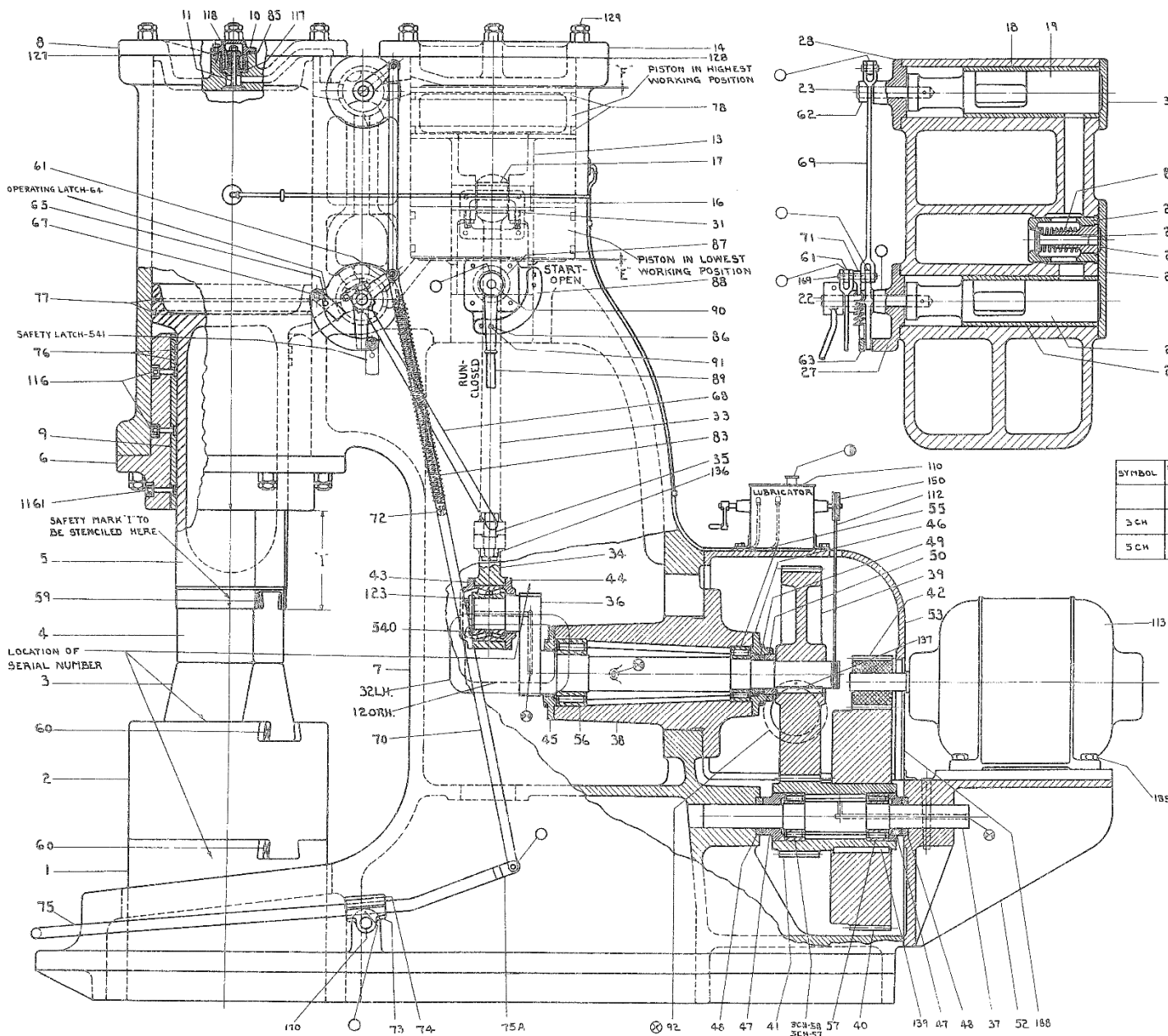
**300 LB. AND 500 LB. CHAMBERSBURG PNEUMATIC MOTOR DRIVEN FORGING  
HAMMER, TYPE II**

**PARTS LIST**

**Parts shown with an asterick (\*) should be carried on stock in the quantities specified.**

<b>Part No.</b>	<b>Name</b>	<b>Part No.</b>	<b>Name</b>	<b>Part No.</b>	<b>Name</b>
1	Anvil	39	Flywheel Gear	76 *4	Leather Rings
2	Anvil Cap	40	Flywheel Gear	77 *2	Ram Rings
3	Anvil Die	41	Gear	78	Piston Rings
4	Ram Die	42 *1	Pinion	83	Spring
5	Ram	43	Retainer Cover	84 *1	Spring
6	Ram Guide	44	Retainer Cover	85 *1	Spring
7	Frame	45	Retainer Cover	86	Spring
8	Ram Cylinder Head	46	Retainer Cover	87	Starting Valve
9 *2	Ram Guide Plate	47	Collar	88	Starting Valve Bearing
10	Relief Valve Cover	48	Thrust Washer	89	Starting Valve Handle
11	Stem	49	Adjusting Collar	90	Starting Valve Stem
13	Piston	50	Collar	91	Plunger Pin
14	Piston Cylinder Head	52	Motor Bracket	92	Gear Guard Cover
16	Wrist Pin	53	Gear Guard	110	Lubricator – Manzel
17	Bushing	55	Bearing – Hyatt	112	Leather Belt
18	Valve Bushing – Upper	56	Bearing – Hyatt	113	Motor
19	Valve – Upper	57	Bearing – Hyatt	116	Bolt
20	Valve Bushing – Lower	58	Bearing – Hyatt (300 Lb. ONLY)	117	Relief Valve Guide
21	Valve – Lower			118	Relief Valve Washer
22	Valve Stem – Lower	59	Ram Key	120	RH Frame Cover
23	Valve Stem – Upper	60	Key	123	Cap
24	Check Valve Bushing	61	Lever – Lower Valve	127	Gasket
25	Check Valve Guide	62	Lever – Upper Valve	128	Gasket
26	Stem	63	Segment	129	Stud
27	Bearing – Lower Valve	64	Latch	136	Nut
28	Bearing – Upper Valve	65	Latch Pin	137	Key
29	Cover – Lower Valve	67	Latch Collar	139	Key
30	Cover – Upper Valve	68	Control Handle	150	Pulley
31	Balance Cover	69	Connection	169	Pin
32	LH Frame Cover	70	Connection	170	Pin
33	Connection Rod	71	Spring Connection	185	Bolt
34	Crank Connection	72	Spring Pin	540	Bearing – Timken
35	Bolts	73	Treadle Shoe	541	Latch
36	Crankshaft	74	Treadle Cap	1131	Starter
37	Shaft	75	Treadle	1161	Bolt
38	Bearing – Crankshaft	75A	Treadle End		

***When ordering Replacement Parts give Part Number, Name, Size Hammer, and Machine Number. Machine Number will be found Stencilled on Anvil Cap and right hand side of Frame above Cover, Part No. 120. Machine Number will also be found on Identification Plate attached to right hand side of Gear Case.***



- ⊗ REMOVE COVER - SWAB GEAR TEETH WITH GREASE EACH 80 HOURS
- ⊗ GREASE PRESSURE GUN - 3 POINTS EVERY 800 HOURS
- OIL EACH EIGHT HOUR SHIFT - 9 POINTS
- ⊗ LUBRICATOR - FILL AS NEEDED SEE INSTRUCTIONS

E'- CLEARANCE BETWEEN PISTON PC#15 AND BOTTOM OF PISTON CYL. BORE IN FRAME PC#7 WHEN PISTON IS IN LOWEST POSITION.

F'- CLEARANCE BETWEEN PISTON PC#15 AND HEAD PC#14 WHEN PISTON IS IN HIGHEST POSITION.

T'- SAFETY MARK ON RAM

SYMBOL	FALLING WT. LBS.	E INCHES	F INCHES	I INCHES
3CH	300	$\frac{1}{8} \pm \frac{1}{16}$	$\frac{1}{8} \pm \frac{1}{16}$	7"
5CH	500	$\frac{1}{8} \pm \frac{1}{16}$	$\frac{1}{8} \pm \frac{1}{16}$	10"

3CH-58 57 40  
3CH-57