



CHANGE ITEM # 15 FOR 50 HZ

15	2	514084-1	60B28 X 2' SPROCKET W/ KEYWAY
15	2	514456	60B24 X 2' SPROCKET W/ KEYWAY
14	2	514201	60B18 X 1 1/2' SPROCKET W/ KEYWAY

REV. K 3/3/05 DCW ITEM #1 WAS 11825, ITEM #13 WAS 11651-2  
 REV. J REVISED PER ECD 1887- ADDED END FEED GUIDE & ASSOCIATED HARDWARE. LH 2/8/05  
 REV. I 8/21/03 SNP ADDED 11718-2 ITEM 40  
 REV. H 8/18/03 SNP CHANGED ITEM 25, P# 11841 FROM QTY. 8 TO QTY. 4  
 REV. G 8/18/03 SNP CHANGED ITEM 25, P# 11841 FROM QTY. 8 TO QTY. 4  
 REV. F 8/18/03 SNP CHANGED ITEM 33, P#11844, FROM QTY. 1  
 REV. E 8/18/03 SNP CHANGED ITEM 7, P# 592980 FROM QTY. 2 TO QTY. 1  
 REV. D 8/18/03 SNP CHANGED ITEM 8 FROM B-11718-2 TO 1086737 MOTOR/REDUCER MOUNT  
 REV. C 8/18/03 SNP CHANGED ITEM 18 FROM A-3503 TO 1086741 LEVELING FOOT MOUNT PAD  
 REV. B 11/18/02 PLB CHG'D DWG. TO SHDW 'C' CHANNEL BRACE, ITEM 18 WAS A-1084849.  
 REV. A 6/12/02 PLB ITEM 8 WAS 11718, ITEM 9 WAS 501428-1, ITEM 15 WAS 1 3/4" BORE.

ORDER QTY (Q) IF ROLL MACH. DOES NOT HAVE INBOARD CLIP ROLLS  
 USE ONLY IF ROLL MACH. HAS INBOARD CLIP ROLLS

ITEM	RECORD	SYMBOL	P	M	DATE	SCALE	DESCRIPTION	DWG	NO.
43	2	ABC1050275	X		6/9/02	3/16	5/16-18 X 2 3/4 HHCS	HP-1640	D-11824
42	2	AVAG6052	X				5/16 LOCK WASHER		
41	1	B-1087805	X				IN FEED GUIDE PLATE ASSY.		
40	1	11718-2	X				REDUCER MOUNTING PLATE		
39	8	AVAG606Z	X				3/8 LOCK WASHER		
38	8	AVAI062Z	X				3/8 FLAT WASHER		
37	8	ABB1060125	X				3/8-16 X 1 1/4 LG. GRADE 5 BOLT		
36	1	B-11842	X				BENT INFEED GUIDE - CLIP		
35	1	B-11843	X				INFEED GUIDE		
34	2	A-11844-1	X				CLAMPING BAR		
33	1	A-11844	X				CLAMPING BAR		
32	1	B-11707	X				BENT DUTIFEEED TABLE		
31	1	B-9413-5	X				HANDLE		
30	1	B-9413-1	X				SLIDE GUIDE PLATE		
29	1	B-11794	X				SLIDE GUIDE		
28	1	B-9413-3	X				SLIDE GUIDE BAR		
27	1	B-11795	X				SLIDE GUIDE MOUNT		
26	1	B-11847	X				SLIDE - SHORT PARTS FEEDER		
25	4	A-11841	X				TIE PLATE SPACER		
24	2	B-11846	X				CROSS BAR - INFEED/DUTIFEEED TABLE		
23	REF	C-11845	X				REDUCER SUPPDRT BRKT		
22	12	ANA108Z	X				1/2-13 NUT		
21	12	AVAG608Z	X				1/2" LOCK WASHER		
20	12	AVAI082Z	X				1/2" FLAT WASHER		
19	12	ABB108015	X				1/2-13 X 1 1/2 LG. BOLT		
18	4	1086741	X				LEVELING FOOT MOUNT PAD		
17	4	SA-370200	X				LEVELING FOOT		
16	1	11732	X				HOOD		
15	2	514456	X				60B24 X 2' SPROCKET W/ KEYWAY		
14	2	514201	X				60B18 X 1 1/2' SPROCKET W/ KEYWAY		
13	2	11651-4	X				GUARD MOUNT BAR		
12	2	563098	X				# 60 CHAIN CONNECTION LINK		
11	8	563053	X				# 60 CHAIN		
10	REF	501427	X				MOTOR 7 1/2 HP C-FACE		
9	REF	501432	X				BROWNING S16 GEAR REDUCER 30:1 QUILL		
8	1	1086737	X				MOTOR/REDUCER MOUNT ASSEMBLY		
7	1	B-11710-1	X				TIE PLATE (592980)		
6	2	B-11839-1	X				CROSS BRACE		
5	2	B-11709	X				BENT MOUNT PLATE (592827)		
4	2	C-11708	X				BENT LEG FRAME		
3	1	B-11707-1	X				BENT INFEED TABLE		
2	1	D-11722-1	X				TRANSFER CAGE ASSY.		
1	1	11900	X				SPINDLE HOUSING ASSY.		

ENGEL INDUSTRIES, INC.  
 ST. LOUIS, MISSOURI  
 DATE: 6/9/02  
 SCALE: 3/16  
 DRAWN: PJB  
 CHECKED: JSS  
 FINAL ASSY.  
 HP-1640 ROLL MACHINE  
 DWG NO: D-11824