



29.01.09	C.S.	D.J.	MICANAN SYSTEMS INC.	
DATE:	APPROVED:	DRAWN BY:	TITLE:	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES .XX=±.01 ANGLES=±30'			JACKSHAFT OPERATOR PRO-H / PRO-HB	
REVISION: A		WEIGHT: 1lb	SIZE: B	PAGE: 1/1
		CAD FILE: 3D-PROH-XE	SCALE: 1:8	

CODE	PART #	DESCRIPTION (PRO-H/HB)	PRO-H	PRO-HB
			QTY	C/W BRAKE QTY
**	1	MOTOR	1	1
MM00150	2	FRAME HR MS10162	1	1
MM00152	3	CONTROL BOX HR MS10164	1	1
MM00153	4	CONTROL BOX COVER HR MS10165	1	1
MM00024	5	CAM PLATE MS10013	1	1
ME00001	6	LIMIT SHAFT 3/8-1/2 x 9.75"	1	1
MG00030	7	LIMIT CAM 1/2-20 UNF	2	2
MH00001	8	BRONZE T-BUSHING 3/8" ID	2	2
MK00004	9	LIMIT SWITCH	4	4
MJ00006	10	LIMIT SWITCH DOUBLE SPACER 3/4" LONG	4	4
MG00003	11	DOUBLE NUT FOR LIM-SW	4	4
MF00003	12	R.H. PHILLIPS MACHINE SCREW 4-40 UNC x 1-1/2"	8	8
MF00004	13	R.H. PHILLIPS MACHINE SCREW 6-32 UNC x 1"	2	2
MG00001	14	CAM PLATE COMPRESSION SPRING (.178IDx.032GX.55L)	2	2
MG00007	15	HEX NYLON LOCK NUT 6-32UNC	2	2
MH00006	16	COLLAR 3/8" ID	1	1
MM00046	18	CONTROL BOX HINGE	2	2
MI00001	19	MOTOR PULLEY 5L 5/8 ID X 2" OD	1	1
ME00018	20	KEYWAY 3/16 SQ. x 1-1/4" LONG	1	1
MI00002	21	PULLEY 8" OD c/w bushing 3/4" ID	1	1
MI00006	22	V-BELT 5L-325	1	1
MJ00004	23	CLUTCH PLATE ALUMINIUM 3/4" ID	1	1
MQ00007	24	SPRING PIN 1/4" x 2" LONG	1	1
MJ00005	25	CLUTCH PAD 3/4 ID	1	1
MG00014	26	SLOTTED HEX NUT 3/4-24UNF	1	1
MG00004	27	BELLEVILLE WASHER 13/16 IDx1-3/16X1/8	6	6
MQ00002	28	COTTER PIN 1/8 x 2.5" LONG	1	1
MF00012	29	CARRIAGE BOLT 5/16-18UNC x 5/8"	4	4
MG00012	30	RIBBED HEX NUT 5/16-18UNC	4	4
MH00008	31	COLLAR 3/4" ID	3	3
MH00007	32	COLLAR 1" ID	3	3
MH00013	33	FLANGE BEARING 3/4" IDx1-3/8 OD	3	3
MH00009	34	FLANGE BEARING 1" ID x 2"OD	2	2
MD00025	36	SPROCKET 410B23 X 1"	1	1
MD00111	37	SPROCKET 410B9 X 3/8"	1	1
MD00093	38	#410 ROLLER CHAIN 45 PITCH C/W CONNECTING LINK	1	1
MD00280	39	SPROCKET 41B32 x 1" C/W 1.69" HUB, 7/8" LTB	1	1
MD00242	40	SPROCKET 41B14 x 3/4"	1	1
MD00243	42	#41 ROLLER CHAIN 47 PITCH DRIVE C/W LINK	3	3
ME00017	45	KEYWAY 1/4" SQ. x 1-1/4" LG	1	1
MQ00020	47	SPRING PIN 3/16" x 1-3/4" Long	1	1
MF00011	50	H.H. BOLT 3/8"-16UNC X 3/4" LONG	8	8
MQ00008	51	SET SCREW 5/16" -18	14	16
MQ00009	52	SET SCREW 1/4" -20	3	3
MF00046	53	H.H. SLOTTED SELF ROUNDING WASHER HEAD SCREW 10-32 UNF x 1/2"	5	5
MM00154	54	BRAKE PLATE HR MS10166 (BRAKE OPTION)		1
MM00159	55 A	SOLENOID LEVER (right MS10172) BRAKE OPTION		1 *
MM00158	55 B	SOLENOID LEVER (left MS10170) BRAKE OPTION		1 *
MF00005	56	R.H. PHILLIPS MACHINE SCREW 10-32 UNF x 5/8" (BRAKE OPTION)	2	2
MQ00001	57	COTTER PIN 1/8 x 1.5" (BRAKE OPTION)		1
MG00016	58	FLAT WASHER #10 (BRAKE OPTION)		6
MG00008	59	HEX NYLON NUT 10-32 UNF (BRAKE OPTION)		2
MK00026	61 A	SOLENOID 120V (BRAKE OPTION)		1 *
MK00027	61 B	SOLENOID 220V (BRAKE OPTION)		1 *
MK00028	61 C	SOLENOID 480V (BRAKE OPTION)		1 *
MK00029	61 D	SOLENOID 575V (BRAKE OPTION)		1 *
MJ00003	62	BRAKE DRUM (BRAKE OPTION)		1
MJ00001	63	BRAKE SHOE LEFT (BRAKE OPTION)		1
MJ00002	64	BRAKE SHOE RIGHT (BRAKE OPTION)		1
MH00002	65	MILD STEEL BUSHING 9/32ID x 13/32OD x1-1/16 (BRAKE OPTION)		1
MQ00002	66	BRAKE COMPRESSION SPRING (5/16"ID-.05G-2.50L) (BRAKE OPTION)		1
MG00006	67	HEX NUT 1/4-20UNC	1	7
MG00009	68	HEX NYLON LOCK NUT 1/4-20UNC	1	3
MF00028	69	HEX HEAD BOLT 1/4-20UNC x 1-1/4" (Full thread) (BRAKE OPTION)		2
MF00029	70	HEX HEAD BOLT 1/4-20UNC x 1-3/4" (partial thread) (BRAKE OPTION)		1
MF00044	71	HEX HEAD BOLT 1/4-20UNC x 4" (partial thread) (BRAKE OPTION)		1
MG00017	72	1/4" FLAT WASHER	2	4
MG00010	74	RIBBED HEX NUT 10-32UNF	2	6
MG00018	75	LOCK WASHER 3/8"	4	4
MG00019	76	FLAT WASHER 13/16" I.D.x1.50D (3/4" SHAFT SIZE)	2	2
ME00007	80	DRIVE SHAFT JACKSHAFT 1" X 15"	1	1
MF00006	85	HEX HEAD BOLT 1/4" - 20UNC x 1/2"	2	2
MF00009	87	HEX HEAD BOLT 1/4" - 20UNC x 2-1/4" (partial thread)	1	1
MJ00001	90	SWIVEL PULLEY	1	1
MR00001	91	DISCONNECT CABLE 3/32 X 13" LONG	1	1
MQ00011	92	3/32" ALUMINIUM OVAL SLEEVE	1	1
MF00008	93	HEX HEAD BOLT 1/4" - 20UNC x 1"	1	1
MM00006	94	FRAME FOOT HR MS10163	2	2
MG00011	95	RIBBED HEX NUT 1/4" - 20 UNC	3	3
MG00013	98	RIBBED HEX NUT 3/8" - 16UNC	4	4
MM00018	99	DISCONNECT ARM PRO-HR MS10167	1	1
MM00022	100	SUPPORT U-BRACKET H/HHD MS10015	1	1
MM00189	101 A	PIVOT BRACKET HR LEFT (standard) MS10184 (BRAKE OPTION)		1 *
MM00190	101 B	PIVOT BRACKET HR RIGHT (reverse) MS10169 (BRAKE OPTION)		1 *
ME00002	102	PRO-H/PRO-HHD INPUT SHAFT 3/4" x 16-5/8"	1	1
MM00013	107	CHAIN GUARD MS10014	1	1
MI00003	108	POCKET WHEEL C/W 3/4" BUSHING & 2 1/4" SPRING PINS	1	1
MO00003	109	COMPRESSION SPRING (0.80ID x 0.092G x 1.80LONG)	1	1
MG00021	110	FLAT WASHER 7/8" ID x 1-1/8" OD	5	5
MG00020	113	FLAT WASHER 1-1/16" ID X 1-3/4" OD	1	1
MR00006	120	HAND CHAIN	1	1
MJ00002	121	KEYRING 1-1/4"	1	1
MR00008	122	DISCONNECT SASH CHAIN	1	1
MK00005	123	CUTOUT SWITCH C/W NUT & WASHER	1	1
ME00048	129	KEYWAY 1/4" SQ. x 3/4" LG	1	1
MG00063	130	HEX NUT 10-32	4	4
MD00247	132	DOUBLE SPROCKET 41B14/41A32 C/W 3/4" BUSHING	1	1
MD00246	133	DOUBLE SPROCKET 41B14/41A32 C/W 1" BUSHING	1	1
MF00015	135	ROUND HEAD PHILIPS MACHINE SCREW 6-32 X 3/8"		4
MG00022	136	LOCK WASHER #6		4
MG00023	137	HEX NUT 6-32		4
ME00050	141	FRAME SUPPORT SHAFT 3/4" x 6.00" LONG	2	2