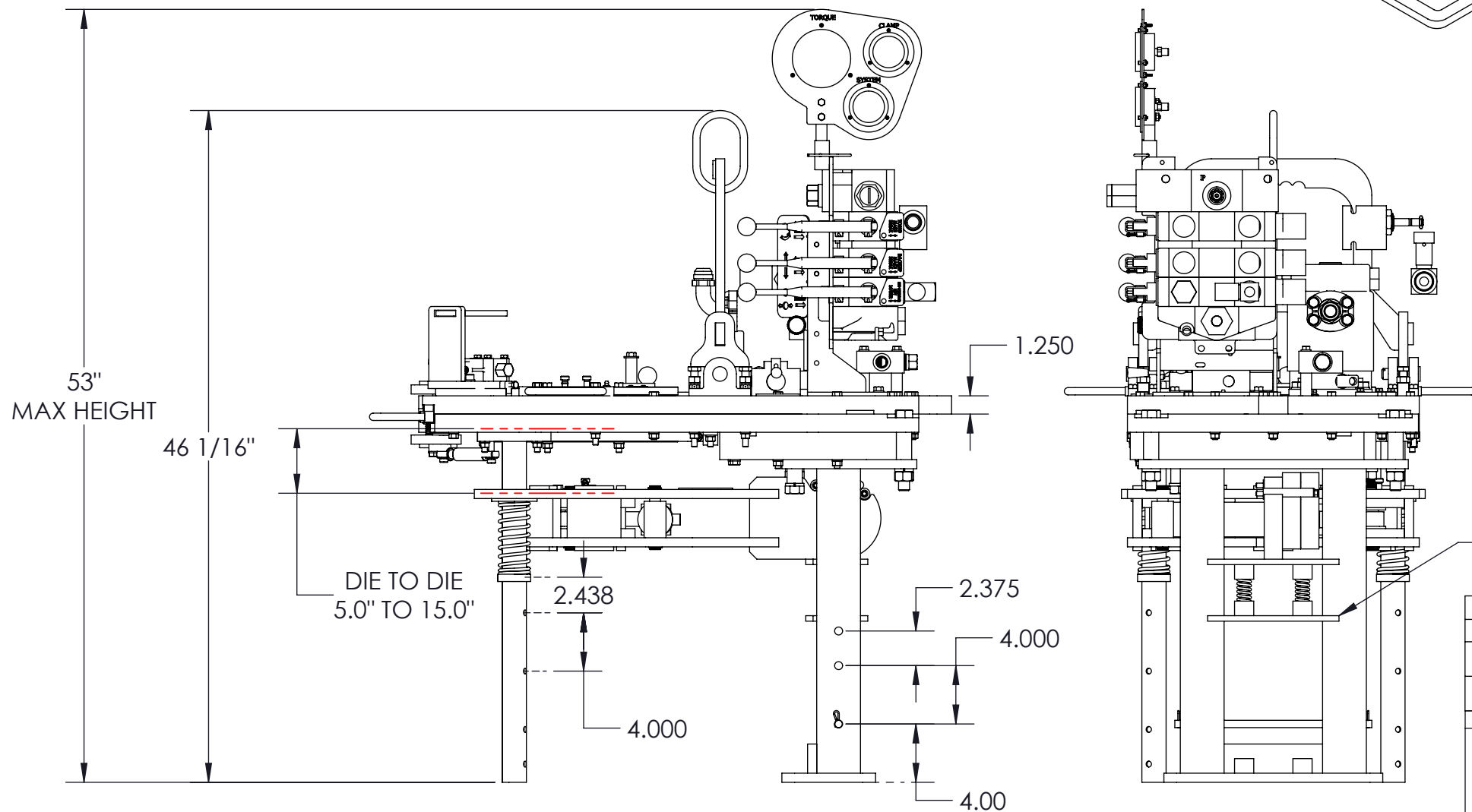


TONG SPECIFICATION		
MAX TORQUE (FT · LBS/N · M)	8,000	10,848
ARM LENGTH (INCH/CM)	17.8	45.2
MASS (LBS/KG)	1,030	468
TORQUE (FT · LBS/N · M, ESTIMATED)		
AT PRESSURE (PSI/BAR):	2,500	172
Full	8,000	10,848
Half	4,000	5,424
SPEED (RPM, ESTIMATED)		
AT FLOW RATE (GPM/LPM):	60	227
Full		37.0
Half		74.0



SYSTEM MAX TORQUE CAPACITY (FT LB)			
PIPE DIAMETER (IN)	STRIP DIES		WRAP AROUND DIES
	STEEL DIES	GRITFACE DIES	STEEL DIES
5.000 DOWN TO 4.000	8K	6.5K	8K
DOWN TO 3.625		6K	
DOWN TO 3.000	7.5K	X	7K
DOWN TO 2.375			
DOWN TO 2.063			
DOWN TO 1.900	6.5K		

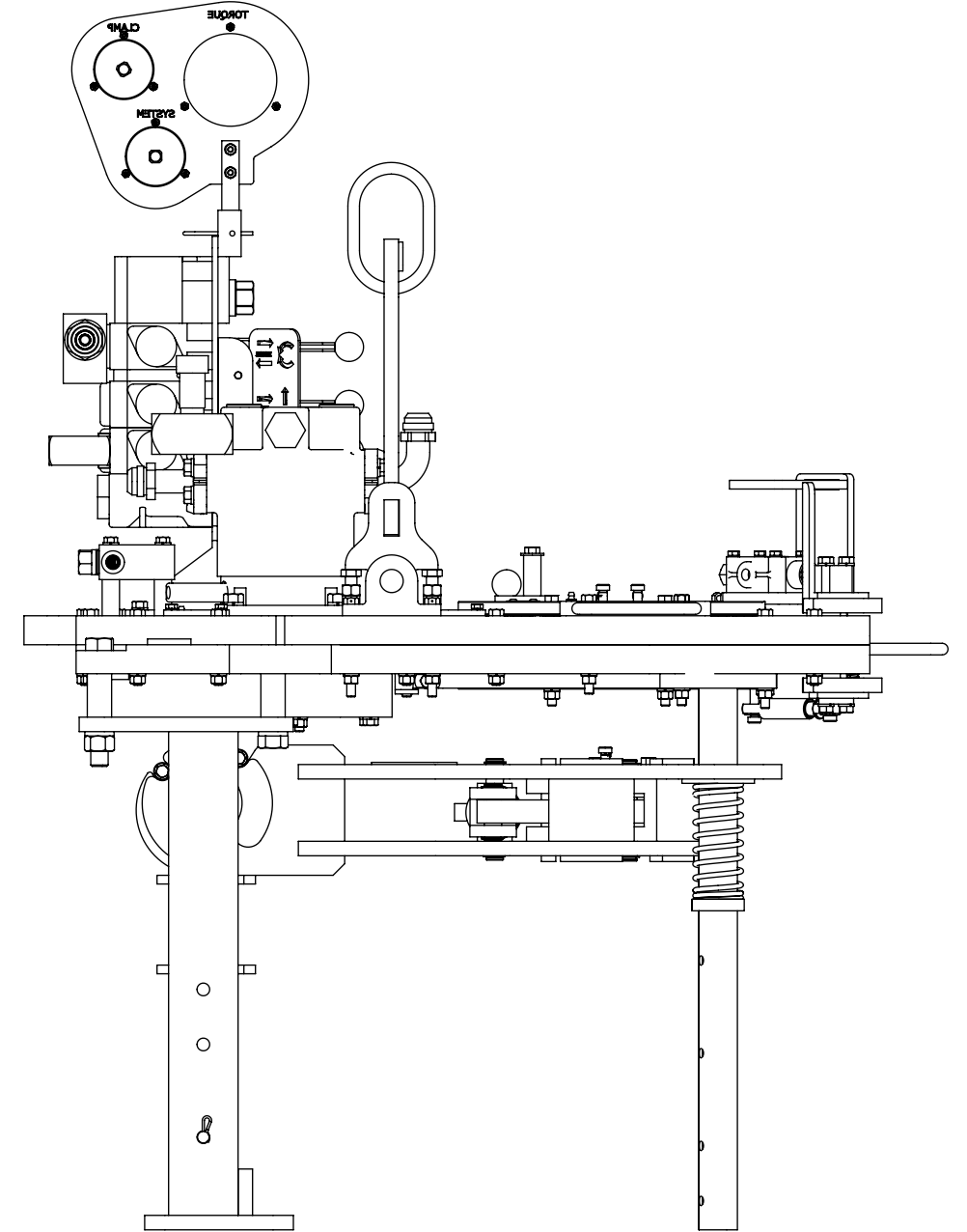
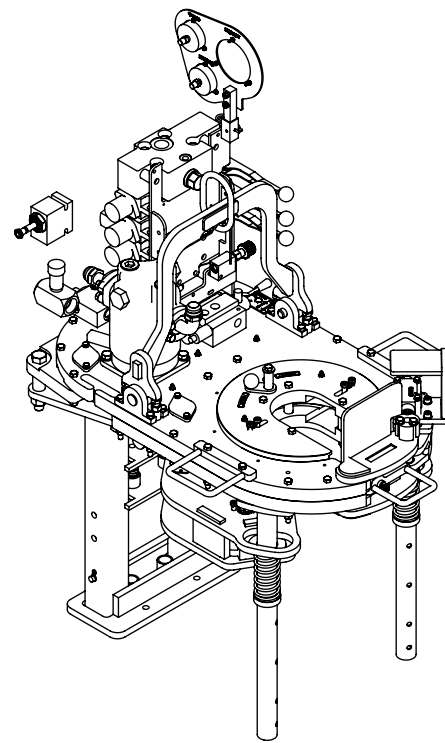
4X BACKUP MOUNTING POSITIONS

REVISIONS				
REV.	ECO NUMBER	ECO DESCRIPTION	ECO COMPLETED BY	ECO COMPLETED DATE
0	INITIAL RELEASE	INITIAL RELEASE		
A	ECN17-0176	ADDED MISSING GAUGE MOUNT FASTENERS	T.YIMER	08/01/2017

UNLESS OTHERWISE SPECIFIED:		PROPRIETARY STATEMENT			
1. DIMENSIONS ARE IN INCHES 2. TOLERANCES: ANGULAR ± 1° FRACTIONAL ± 1/16 TWO PLACE DECIMAL ± 0.02 THREE PLACE DECIMAL ± 0.005 3. IDENTIFY P/N & MAIL P.O. USING 1/8 TO 1/4 ETCHED LETTERS, DENOTED BY "X" 4. REMOVE BURRS & SHARP EDGES WITH 1/64x45° MAX 5. MACHINED FILET RADII SHALL BE 1/32 6. FINAL SURFACE ROUGHNESS AVG. (Ra) SHALL BE ≤ 250 MICROINCHES 7. DIMENSIONS IN PARENTHESES ARE CRITICAL DIMENSIONS: 100% INSPECTION REQUIRED 8. A TRIANGLE DENOTES A REVISION 9. INTERPRET DRAWING PER ASME Y14.5-2009		THIS DOCUMENT IS THE PROPERTY OF MCCOY CORPORATION AND IS CONSIDERED CONFIDENTIAL. THIS INFORMATION MAY NOT BE USED, DISCLOSED, COPIED, OR REPRODUCED IN ANY FORM, WITHOUT THE EXPRESS WRITTEN CONSENT OF MCCOY CORPORATION.			
DRAWN	R.RAHMAN	01/29/2015	DESCRIPTION		
CHECKED	S.YUAN	ERROR! Checked Date	ASSEMBLY, TONG, 5000-8K X 5000 CAM BU, COMPRESSION, DV		
APPROVED	R.RAHMAN	ERROR! Approved Date	SIZE PART NO.		REV
THIRD ANGLE PROJECTION			80-2001-18		A
WEIGHT			MATERIAL		
913.06 LBS.			N/A		

RELEASED FOR PRODUCTION

ITEM	QTY	P/N	DESCRIPTION
1	1	80-2001-7	ASSEMBLY, TONG, 5000-8K
2	1	85-2000	ASSEMBLY, BACKUP, COMPRESSION
3	1	101-4403	WELDMENT, TORQUE GAUGE MOUNT, 5000-8K
4	2	101-3661	WELDMENT, LEG, TONG
5	1	101-4340	WELDMENT, LOAD CELL HOLDER, 5000-8K
6	2	101-4446	SPACER, PLAIN
7	2	02-0920	SPRING, COMPRESSION, 2.187 OD X 1.773 ID X 5.0 L
8	1	HITCH PIN 0.148 X 2.938	PIN, HITCH 0.148 X 2.938
9	2	02-0246	GAUGE, PRESSURE, 3000PSI, BOTTOM MOUNT
10	1	02-0023	PLATE, SERIAL NUMBER
11	1	101-4958	PLATE, NAME, FUNCTION
12	1	101-4957	PLATE, NAME, SPEED
13	2	101-4339	SPACER, SPRING
14	2	09-1064	BOLT, HEX, 3/8-16, 4 1/2, STEEL, GR 8, ZINC, FULLY THREADED
15	2	09-1062	BOLT, HEX, 3/8-16, 4, STEEL, GR 8, ZINC, FULLY THREADED
16	4	09-5806	NUT, HEX, 3/8-16, STEEL, GR 8, ZINC, DOUBLE CHAMFER
17	1	101-5869	ASSEMBLY, CYLINDER, DOOR
18	1	09-9179	SCREW, SHOULDER, SOCKET HEAD, 3/8, 1/2, STEEL, GR 8, ZINC
19	1	09-0123	BOLT, SHSS, 3/8 x 1-1/4
20	1	60-0323	BODY, VALVE
21	1	60-0322	CARTRIDGE, SOLENOID VALVE, SV1-16-C-0-00
22	1	02-E0172	VALVE, NEEDLE, 1 NPT
23	4	09-5106	WASHER, SPRING LOCK, REGULAR, 3/8, 17/25, 0.035-0.125, STEEL, GR 8, ZINC
24	2	09-5124	3/8"
25	6	70-1000	SOCKET HEAD CAP SCREW, 6-32 X 1/2"
26	9	 02-E0582	NUT, NYLOCK, 6-32
27	3	 02-E0583	MACHINE SCREW, FLAT HEAD PHILLIP, 6-32 X 3/4 LONG



DESCRIPTION		
ASSEMBLY, TONG, 5000-8K X 5000 CAM BU, COMPRESSION, DV		
SIZE	PART NO.	REV
B	80-2001-18	A
MATERIAL	N/A	SHEET 2 OF 2