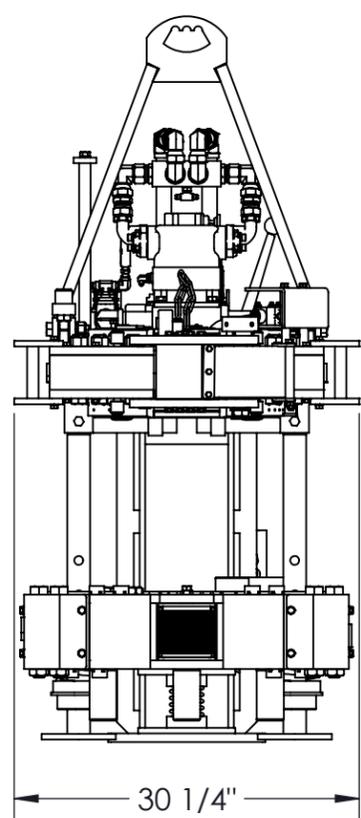
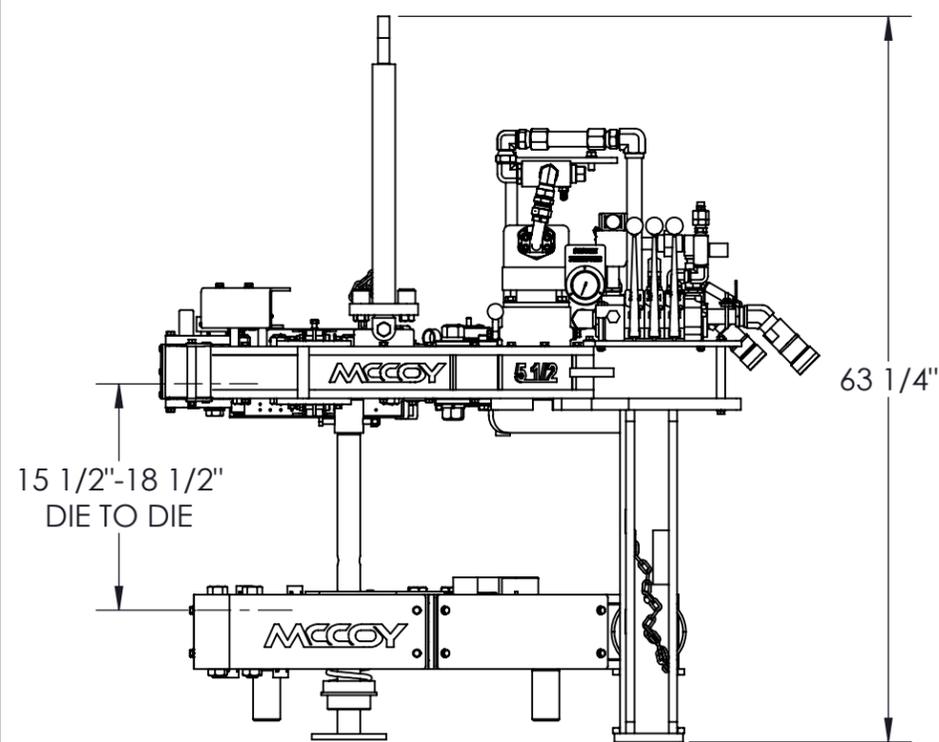


ITEM	QTY.	P/N	DESCRIPTION
1	1	CLES5500	ASSEMBLY, TONG, 5 1/2 STANDARD
2	1	MK6375	ASSEMBLY, MOUNTING KIT, 5 1/2
3	1	BUC637501	ASSEMBLY, BACKUP, 6 3/8
4	1	VP5800-320A-01	ASSEMBLY, VALVE PACKAGE, 5 1/2

TONG SPECIFICATION		
MAX TORQUE (FT LBS/NM)	12,000 FT LBS	16,269NM
ARM LENGTH (INCH/CM)	29INCH	73.66CM
MASS (LBS/KG)	2,000LBS	907.2KG
TORQUE (FT LBS/N M, ESTIMATED)		
AT PRESSURE (PSI/BAR)	2,500PSI	172BAR
HI/FULL	2,450 FT-LBS	3321.75NM
LOW/FULL	12,000 FT-LBS	16269.82NM
SPEED (RPM, ESTIMATED)		
AT FLOW RATE (GPM/LPM):	35GPM	132LPM
HI/FULL		77.28
LOW/FULL		15.85



TONG & BACKUP CAPACITIES			
MAX TORQUE CAPACITY IN FT-LBS @ 3000 PSI			
PIPE DIAMETER	STEEL DIES	GRITFACE	STRIP DIES (DOVETAIL)
5 1/2" DOWN TO 5"	12,000	12,000	12,000
DOWN TO 4 1/2"			
DOWN TO 2 7/8"	6,000(LF ROLLER)	6,000 (LF ROLLER)	6,000 (LF ROLLER)
DOWN TO 2 1/16"			

RELEASED FOR PRODUCTION

REVISIONS				
REVISION	ECO NUMBER	ECO DESCRIPTION	ECO COMPLETED BY	ECO COMPLETED DATE
A	N/A	INITIAL RELEASE	N/A	N/A
B	16-0112	UPDATE TORQUE CAPACITY CHART; CORRECTED RPM VALUES	M.BUDDEN	5/13/2016

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1. DIMENSIONS ARE IN INCHES		DESCRIPTION
2. TOLERANCES:		ASSEMBLY, TONG, 5500-12K x 6375 CLINCHER BU, COMPRESSION
ANGULAR ± 1°		SIZE
FRACTIONAL ± 1/16		PART NO
TWO PLACE DECIMAL ± 0.02		80-550-120-640-000-30-00
THREE PLACE DECIMAL ± 0.005		REV
1/4 ETCHED LETTERS: DENOTED BY "X"		B
3. IDENTIFY P/N & MAIL P.O. USING 1/8 TO 1/4		MATERIAL
4. REMOVE BURRS & SHARP EDGES WITH 1/64x45° MAX		N/A
5. MACHINED FILET RADII SHALL BE 1/32		WEIGHT
6. FINAL SURFACE ROUGHNESS AVG. (Ra) SHALL BE ≤ 250 MICROINCHES		1860 LBS.
7. DISNOTES CRITICAL DIMENSION: 100% INSPECTION REQUIRED		
8. A TRIANGLE DENOTES A REVISION		
9. INTERPRET DRAWING PER ASME Y14.5-2009		