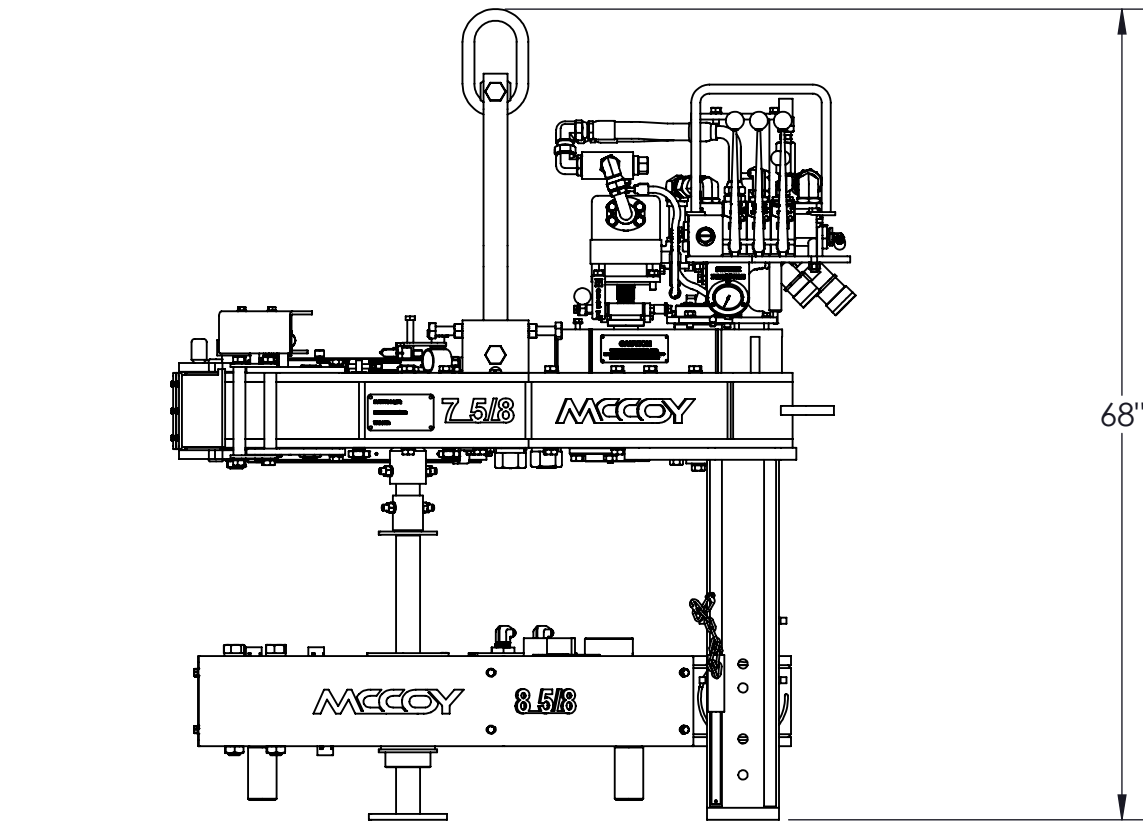


ITEM	QTY	P/N	DESCRIPTION
1	1	CLE7625UHT-08	ASSEMBLY, TONG, 7 5/8 - 30K
2	1	MK7600-05	KIT, MOUNTING
3	1	BUC8625-06	ASSEMBLY, BACKUP, 8625 CLINCHER, COMPRESSION
4	1	VP7625UHT-335SAE	ASSEMBLY, VALVE PACKAGE, DVG35

TONG SPECIFICATIONS		
MAX TORQUE (FT LBS/NM)	30000	40700
TONG ARM LENGTH (INCH/CM)	37.3	94.7
BACKUP ARM LENGTH (INCH/CM)	32.0	81.3
MASS (LBS/KG)	3060	1520
TORQUE (FT LBS/NM, ESTIMATED)		
AT PRESSURE (PSI/BAR)	2700	186
HI GEAR/ FULL	4300	5800
LOW GEAR/FULL	30000	40700
SPEED (RPM, ESTIMATED)		
AT FLOW RATE (GPM/LPM)	60	227
HI GEAR/ FULL		65
LOW GEAR/FULL		9



TONG AND BACKUP MAX TORQUE CAPACITY IN FT-LBS @ 2700PSI			
PIPE DIAMETER	DOVETAIL DIES	GRITFACE DIES	STEEL DIES
8 3/4 *	30,000	30,000	30,000
8 5/8 **			
7 5/8 ***			
DOWN TO 7	28,000	28,000	27,000
DOWN TO 6 5/8		23,000	
DOWN TO 5 1/2		15,000 (LOW FRICTION) ****	
DOWN TO 3 1/2	15,000 (LOW FRICTION) ****	12,000 (LOW FRICTION) ****	14,000 (LOW FRICTION) ****
DOWN TO 2 7/8	15,000 (LOW FRICTION) ****	10,000 (LOW FRICTION) ****	11,000 (LOW FRICTION) ****
DOWN TO 2 3/8	15,000 (LOW FRICTION) ****	10,000 (LOW FRICTION) ****	11,000 (LOW FRICTION) ****

- * MAXIMUM BACKUP GRIP SIZE OF 8 3/4' IS ACHIEVED USING SDI86 DIES
- ** MAXIMUM BACKUP PIPE SIZE IS 8 5/8"
- *** MAXIMUM TONG SIZE IS 7 5/8"
- **** IT IS ACCEPTABLE TO USE LOW FRICTION JAWS AS LONG AS THE TORQUE IS LIMITED TO 15000 FT. LBS

UNDER REVISION

REVISIONS				
REVISION	ECO NUMBER	ECO DESCRIPTION	ECO COMPLETED BY	ECO COMPLETED DATE
A	N/A	INITIAL RELEASE	N/A	N/A
B	16-0139	ADDED INFO CHARTS TO DRAWING	M.BUDDEN	6/9/2016
C	17-0026	UPDATED THE TONG CAPACITY CHART	J. KELLY	2017

UNLESS OTHERWISE SPECIFIED:		PROPRIETARY STATEMENT	
1. DIMENSIONS ARE IN INCHES	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.HENRY 07/14/2014
2. TOLERANCES: ANGULAR ± 1° FRACTIONAL ± 1/16 TWO PLACE DECIMAL ± 0.02 THREE PLACE DECIMAL ± 0.005		CHECKED	B.PEARCE
3. IDENTIFY P/N & MAIL P.O. USING 1/8 TO 1/4 ETCHED LETTERS, DENOTED BY "X"		APPROVED	B.PEARCE
4. REMOVE BURRS & SHARP EDGES WITH 1/64x45° MAX		THIRD ANGLE PROJECTION	WEIGHT 3061 LBS.
5. MACHINED FILET RADI SHALL BE 1/32		DESCRIPTION	ASSEMBLY, TONG, 7625-30K X 8625 CLINCHER BU, COMPRESSION
6. FINAL SURFACE ROUGHNESS AVG. (Ra) SHALL BE ≤ 250 MICROINCHES		SIZE PART NO	80-760-300-860-000-30-00
7. DIMENSIONS CRITICAL DIMENSION: 100% INSPECTION REQUIRED		MATERIAL	N/A
8. A TRIANGLE DENOTES A REVISION			
9. INTERPRET DRAWING PER ASME Y14.5-2009			