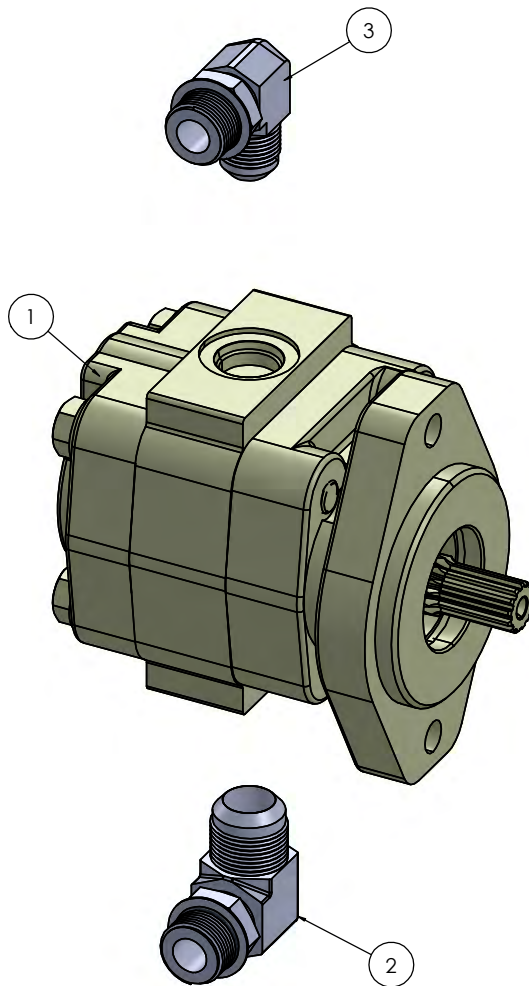


HYDRAULIC SYSTEM - 70K, 116" WB, 20 GPM PUMP/ 5 GPM STEER 18" LIFT
 PAGE 1 OVERVIEW
 PAGE 2 -3 PUMP ASSEMBLY
 PAGE 4-5 TANK ASSEMBLY
 PAGE 6-7 DIRECTIONAL CONTROL VALVE
 PAGE 8-9 CYLINDERS & HOSES DETAIL

DRAWINGS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	MM
FRACTIONAL		CHECKED	MM
DECIMAL		APPROVED	
ANGULAR		DO NOT SCALE DRAWING	
FRACTIONAL		THE SUBJECT MATTER SHOWN AND DESCRIBED IN THE DRAWING AND ANY CONSTRUCTION THEREON IS TO BE CONSIDERED AS A REPRESENTATION OF THE DESIGN AND NOT A GUARANTEE OF PERFORMANCE. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE AND MAINTENANCE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE AND MAINTENANCE OF THE EQUIPMENT.	
DECIMAL		SEE NOTE	
ANGULAR		N/A	

TICO		TICO MANUFACTURING	
TICO		48 CYPRESS RIDGE DR.	
TICO		ROSELAND, NC 27568	
TICO		TICOFACITORS.COM	
TITLE:		HYDRAULIC SYSTEM-70K, 116"	
SIZE		WB, 20GPM STEER, O-PORT	
D		LIFT PUMP	
DWG. NO.		7222724 overview	
SCALE: 1:24 [WEIGHT: 5324.77]		SHEET 1 OF 2	



DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	ADW 6/16/2020
DECIMAL	.XX & .0XX	CHECKED	
	.XXX & .0XX	APPROVED	
FRACTIONAL	1/8" & 1/16"	DO NOT SCALE DRAWING	
ANGULAR	± .1°	THE SUBJECT MATTER SHOWN AND DESCRIBED IN THIS DRAWING AND ANY OTHER INFORMATION CONTAINED HEREIN IS THE PROPERTY OF TICO MANUFACTURING, LLC. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM TICO MANUFACTURING, LLC.	
INSPECT OR CERTIFYING TO DRAWING FOR NAME & DATE ONLY		TICO MANUFACTURING 44 CYPRESS RIDGE DR. ROCKLAND, NC 28584 TICOCORRATORS.COM	
DATE		TITLE: PUMP, HYDRAULIC, PTO, 16 GPM, 2100 RPM, CW, 1" / 3/4" O-RING PORTS	
DESIGN		SIZE DWG. NO. D 621176-A1	REV
TECHNOLOGIST		SCALE: 1:2	WEIGHT: SHEET 1 OF 1

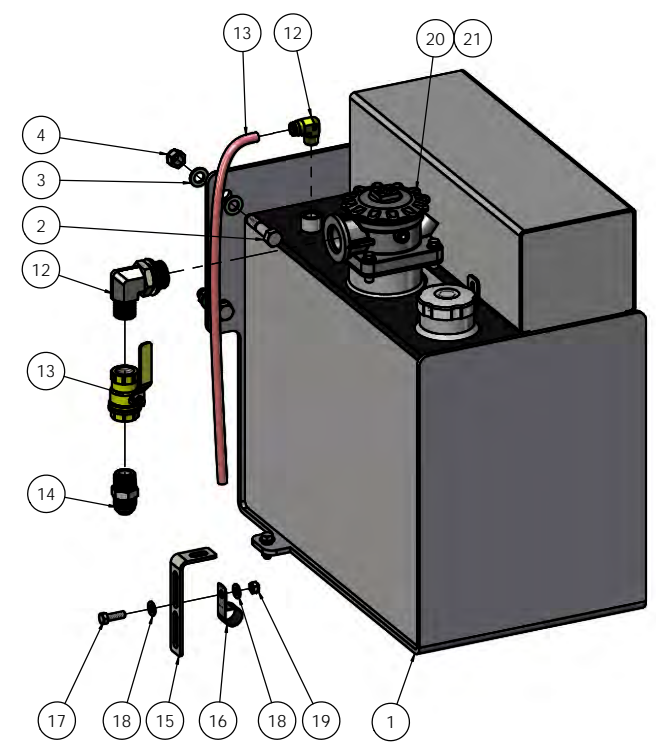
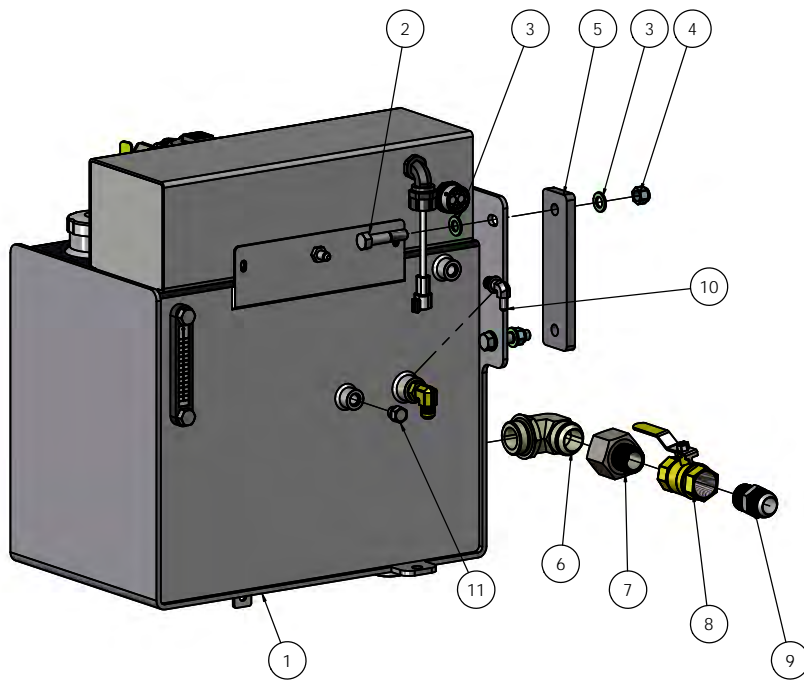
TICO PRO-SPOTTER

HYDRAULIC SYSTEM - 70K, 128" WB, 16 GPM PUMP/PTO, DUAL PUMP, O-PORT INTEGRATED LIFT PUMP TANK W/ REMOTE SWITCH, RH FRAME RAIL, 18" LIFT, PSI 8.8L CRADLE

722761

[illegible]

TICO MANUFACTURING - RIDGELAND, SC 29936



TANK ASSEMBLY

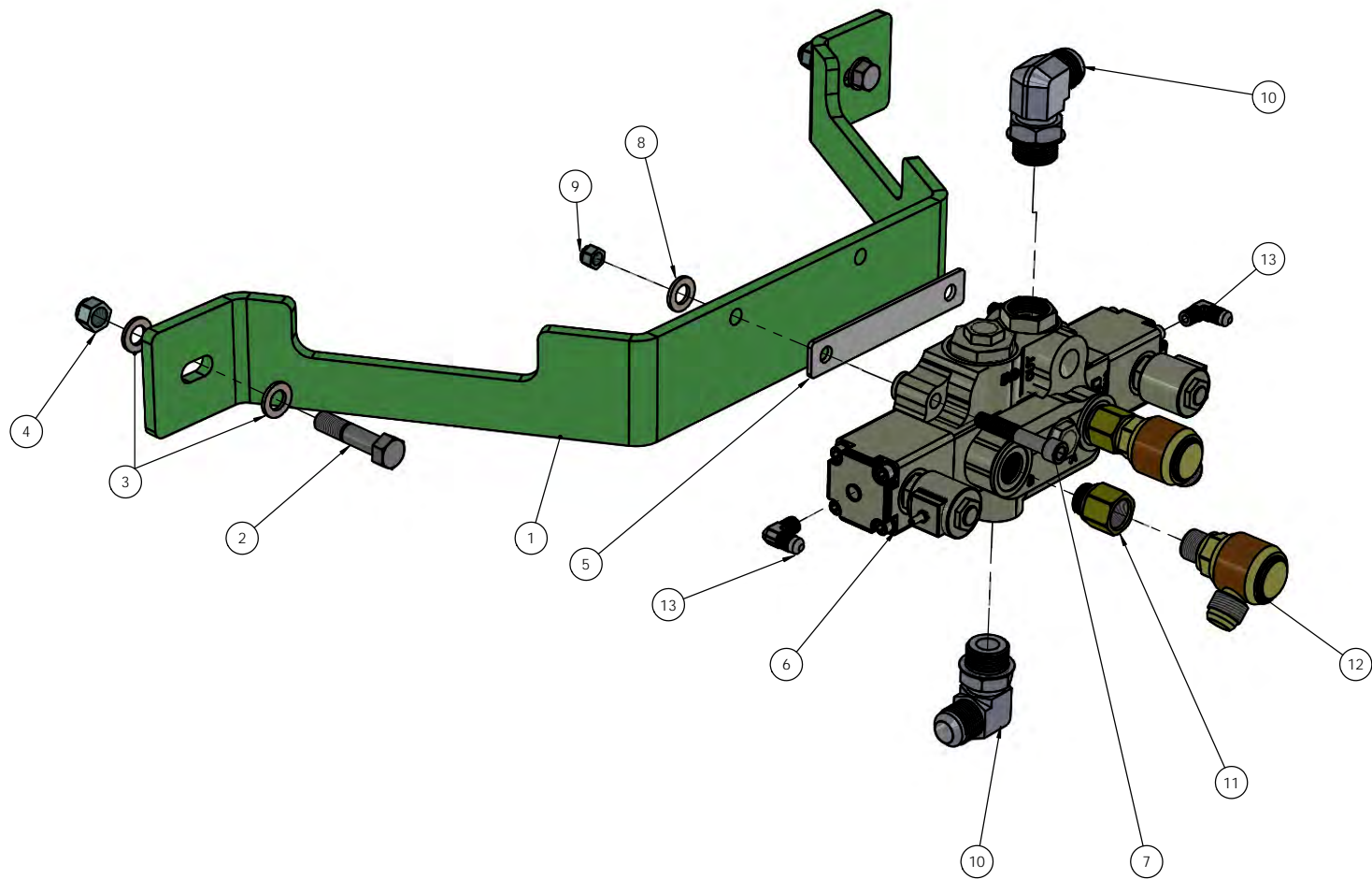
DRAWINGS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	MMAL 1/8/2020
DECIMAL		CHECKED	
X.XX ± 0.05		APPROVED	
X.XX ± 0.02		DO NOT SCALE DRAWING	
FRACTIONAL ± 1/32		THE SUBJECT MATTER SHOWN AND DESCRIBED IN THE DRAWING AND ANY OTHER INFORMATION CONTAINED HEREIN IS FOR INFORMATION PURPOSES ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF TICO MANUFACTURING, INC.	
INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5M-1994		ALL RIGHTS TO ANY INFORMATION CONTAINED HEREIN ARE RESERVED BY TICO MANUFACTURING, INC.	
UNLESS OTHERWISE SPECIFIED		ALL DIMENSIONS ARE TO BE TAKEN FROM THE UNMOUNTED ASSEMBLY	
SEE NOTE		SCALE: 1:8	
REVISION		WEIGHT: 124.5	
N/A		SHEET 1 OF 1	


TICO MANUFACTURING
44 CYPRESS RIDGE DR.
ROCKLAND, NC 27854
TICOCORRATORS.COM

TITLE:
HYDRAULIC SYSTEM-70K, 20
GPM PUMP/5 STEER, O-PORT
LIFT PUMP

SIZE DWG. NO. REV
D 420467 ASSEMBLY

[illegible]



DIMENSIONS ARE IN INCHES		NAME		DATE		 TICO MANUFACTURING 66 CYPRESS RIDGE DR. RIDGELAND, SC 29936 TICOTRACTORS.COM			
TOLERANCES:		DRAWN		MAL				1/3/2020	
DECIMAL:		CHECKED							
XX ± 0.06		APPROVED							
XXX ± 0.03		DO NOT SCALE DRAWING						TITLE: DIRECTIONAL CONTROL VALVE	
XXXX ± 0.005									
ANGULAR ± 0.5°									
FRACTIONAL ± 1/16"		THE SUBJECT MATTER SHOWN AND DESCRIBED IN THIS DRAWING AND ANY OTHER INFORMATION ADVANCED IN CONNECTION THEREWITH IS PROPRIETARY PROPERTY AND IS TO BE HELD IN STRICT CONFIDENCE BY YOU. ALL RIGHTS TO ANY INVENTIONS, DESIGNS, TRADE MARKS, TRADE NAMES AND COPYRIGHTS DISCLOSED ARE RESERVED TO TICO TERMINAL SERVICES, INC.							
INTERPRET GEOMETRIC TOLERANCING PER: ASME 14.5M-1994									
MATERIAL N/A									
FINISH SEE NOTE									
THICKNESS N/A		SCALE: 1:8 WEIGHT: 12.4262 SHEET 1 OF 1							
		2				2			

TICO PRO-SPOTTER

HYDRAULIC SYSTEM 70K, 128" WB, 16 GPM PUMP/PTO, DUAL PUMP, O-PORT TANK INTEGRATED LIFT

722761

DIRECTIONAL CONTROL VALVE

[illegible]

TICO MANUFACTURING - RIDGELAND, SC 29936

TICO PRO-SPOTTER				
HYDRAULIC SYSTEM 70K, 128" WB, 16 GPM PUMP/PTO, DUAL PUMP, O-PORT TANK INTEGRATED LIFT				722761
HOSE LAYOUT				
ITEM	PART #	QTY/M	DESCRIPTION	
1	30148-1	2	CYLINDER, HYDRAULIC, BOOM, 5" BORE W/15" STROKE O-RING BOSS	
2	30187-12	2	PIN-UPPER CYLINDER C/R	
3	40460	4	ELBOW, 90 Deg 1/2 ORB to 1/2 JIC	
4	621103	1	HARNESS WIRE - HYDRAULIC PUMP SWITCH EXTENTION JUMPER	
5	621164	1	HARNESS, HYDRAULIC TANK, POWER/GROUND, RH FRAME MNT, CROSS	
6	621173	1	ASSEMBLY, HYDRAULIC, 20 GPM/5.2 GPM STEER PRIORITY, 70K SERVICE	
NS	12469	4	SPACER - PIPE	
NS	82493	2	BOLT HEX 3/8-16X3-3/4 LG GRD 8	
NS	85091	4	WASHER, FLAT, 3/8", SAE, GRD 8, ZINC PLT	
NS	85025	2	LOCKNUT, NYLOCK, COARSE, 3/8-16, GRD 8	
7	50050	2	BULKHEAD TEE #10	
8	50050-2	2	NUT BULKHEAD TEE #10	
NS	42196	5	P-CLAMP, 7/8" ID, COATED	
9	410393	1	HOSE ASSEMBLY, HYDRAULIC, LOW PRESS, 1" ID, JIC STR-STR, 45" LG	
10	410357	1	HOSE ASSEMBLY, HYDRAULIC, 3/4" ID, 37° JIC STR-STR, 84-1/2" LG	
11	40364	1	HOSE ASSEMBLY, HYDRAULIC, 3/4" ID, 37° JIC STR-STR, 30-1/8" LG	
12	410389	1	HOSE ASSEMBLY, HYDRAULIC, HIGH PRESS, 1/4" ID, 90° ELB, 110" LG	
13	410395	2	HOSE ASSEMBLY, HYDRAULIC, HIGH PRESS, 5/8" ID, ELB, 53-1/2" LG	
14	41231	2	HOSE, HYDRAULIC, H245, 1/2" ID, STR-STR, 27 15/16" OAL	
15	41230	2	HOSE ASSY 24508 1/2" X 22" HOSE; 24 15/16" OAL	
16	42083	1	FITTING-TEE, UNION, 1/4" JIC, STEEL	
17	40320	1	HOSE, HYDRAULIC, HIGH PRESS, 1/4" ID, 37° JIC STR-STR, 28-1/4" LG	
18	41268	1	HOSE, HYDRAULIC, HIGH PRESS, 1/4" ID, 37° JIC STR-STR, 17-1/4" LG	
19	40320	1	HOSE, HYDRAULIC, HIGH PRESS, 1/4" ID, 37° JIC STR-STR, 28-1/4" LG	
20	12245	1	SWITCH, ALTERNATE CAB PUMP	
NS	800424	2	NUT, #10-32 18-8 STAINLESS NYLOK	
NS	80323	2	SCREW, PAN HD PHILLIPS, #10-32 X 1-1/2" LG, SSTL	
NS	80232	2	WASHER, FLAT, SAE, #10, SS	
NS	82371	5	BOLT, HEX HD 5/16-18x 1	
NS	85090	10	WASHER, FLAT, 5/16", SAE, GRD 8, ZINC PLT	
NS	85024	5	LOCKNUT, NYLOCK, COARSE, 5/16-18, GRD 8	
NS	82383	2	BOLT, 3/8-16, 1-1/4 LG, GRD 8	
NS	85025	2	LOCKNUT, NYLOCK, COARSE, 3/8-16, GRD 8	
NS	85091	4	WASHER, FLAT, 3/8", SAE, GRD 8, ZINC PLT	
NS	82493	2	BOLT HEX 3/8-16X3-3/4 LG GRD 8	
NS	85091	4	WASHER, FLAT, 3/8", SAE, GRD 8, ZINC PLT	
NS	85025	2	LOCKNUT, NYLOCK, COARSE, 3/8-16, GRD 8	
REV	DATE	BY		SHEET
A	06/16/2020	AGW		1 OF 1
TICO MANUFACTURING - RIDGELAND, SC 29936				