



FIG. 1: CT-902HP HYDRAULIC PUMP SHOWN (WITH HAND PENDANT)

FEATURES:

- Manual Control
- Remote pump control
- Pressure adjustment 300 to 10,000 psi (CT-902HP/CT-902HP220)
 - Parker Pioneer 3000 Screw Connector (shown in Fig. 1)
- Pressure adjustment 300 to 5,000 psi (CT-902HP-5K/CT-902HP-5K220)
 - 3/8" NPT Connection Parker Slip-Fit Connector (shown in Fig. 2)
- Visual fluid level
- External air vent and filler port
- Heavy gauge steel protective cover
- Two stage pumping action
- Automatic bypass when predetermined pressure is reached – pump shuts off automatically
- Built-in electrical solenoid switch to allow quick release of any cutter or crimper
- Small, compact, portable unit with carrying handle



FIG. 2: 5K CONNECTOR

CT-902HP and CT-902HP220 Family Pumps are used with separate crimping heads, hydraulic pump and hose

- Crimps with CT-930CH, CT-940CH, and CT-980CH remote crimping heads:
 - CT-930CH – Accepts up to 750MCM Copper (600MCM Aluminum) lugs (400MCM Copper and Aluminum splices). Also specific C-Taps and H-Taps.
 - CT-940CH – Accepts up to 1500MCM Copper (1000MCM Aluminum) lugs and splices. Also specific C-Taps and H-Taps.
 - CT-980CH – Accepts 4 AWG to 750MCM Copper and Aluminum lugs and splices.

- CT-900HPH pre-filled hydraulic 10 foot hose

CT-902HP-5K and CT-902HP-5K220 Family Pumps are used with a separate crimping head, hydraulic pump and hose

- Crimps with CT-930LPCH remote crimping head:
 - CT-930LPCH – Crimps #8 AWG thru 600 MCM Panduit Copper Compression Connectors on code copper cables.

- CT-900LPHPH pre-filled hydraulic 10 foot hose

FULLY AUTOMATIC PUMP SPECIFICATIONS							
CT-902HP		CT-902HP220		CT-902HP-5K		CT-902HP-5K220	
MOTOR:				MOTOR:			
Type:	Commutator			Type:	Commutator		
RPM:	1200			RPM:	1200		
Voltage:	AC 110V	AC 220V		Voltage:	AC 110V	AC 220V	
Frequency:	50/60 Hz			Frequency:	50/60 Hz		
Current:	6.5A			Current:	6.5A		
Horsepower:	½			Horsepower:	½		
PUMP:				PUMP:			
Low Pressure:	300 psi (20kg/cm ²)			Low Pressure:	300 psi (20kg/cm ²)		
Delivery:	2.6 Liters/Min.			Delivery:	2.6 Liters/Min.		
High Pressure:	10,000 psi (700 kg/cm ²)			High Pressure:	5,000 psi (350 kg/cm ²)		
Delivery:	.32 Liters/Min.			Delivery:	.32 Liters/Min.		
Oil Tank Cap.:	2 Liters			Oil Tank Cap.:	2 Liters		
Weight:	34 lbs. (15.4 kg)			Weight:	34 lbs. (15.4 kg)		
Fluid Type:	Shell Tellus S2V15 Hydraulic Oil			Fluid Type:	Shell Tellus S2V15 Hydraulic Oil		
Housing Color-Top:	Blue	Yellow		Housing Color-Top:	Blue	Yellow	
Housing Color-Base:	Black	White/Gray		Housing Color-Base:	Black	White/Gray	
DIMENSIONS:				DIMENSIONS:			
Length:	9.5" (241 mm)			Length:	9.5" (241 mm)		
Width:	10.5" (267 mm)			Width:	10.5" (267 mm)		
Height:	15.5" (393 mm)			Height:	15.5" (393 mm)		

Dimensions listed are approximate, and for reference only.



A: Hand Pendant Unit



B: Remote Foot Switch (RFS) Unit



C: Remote Control Handle (RCH) Unit

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	DRAWN BY: BLR				DATE: 7-28-16	CHK: BJPU	SCALE: NONE	SHT 1 OF 1	SIZE: B
01	5-03-17	BLR	BJPU	JADE	ADDED PHOTOS FOR HARD-WIRED SWITCHES	12907									
00	7-28-16	BLR	BJPU	JADE	RELEASED	9478									

File Location: Teamcenter						CT-902HP PUMP FAMILY					
						CUSTOMER DRAWING					
						ITEM REVISION NAME: TP28170B01_01					
						UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: (.x) ± --- (.xxx) ± --- (.xx) ± --- ANGLES ± ---					
						THIRD ANGLE PROJECTION					
						PANDUIT					
						MATERIAL: -----					
						DRAWING NUMBER: TP28170B01					