



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
<b>MOTOR:</b>			<b>MOTOR:</b>		
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	
<b>PUMP:</b>			<b>PUMP:</b>		
Low Pressure:	300 psi (20kg/cm <sup>2</sup> )		Low Pressure:	300 psi (20kg/cm <sup>2</sup> )	
Delivery:	2.6 Liters/Min.		Delivery:	2.6 Liters/Min.	
High Pressure:	10,000 psi (700 kg/cm <sup>2</sup> )		High Pressure:	5,000 psi (350 kg/cm <sup>2</sup> )	
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
<b>DIMENSIONS:</b>			<b>DIMENSIONS:</b>		
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	File Location: Teamcenter				<b>CT-902HP PUMP FAMILY</b> CUSTOMER DRAWING ITEM REVISION NAME: TP28170B01_01 UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: (.x) ± --- (.xxx) ± --- (.xx) ± --- ANGLES ± --- THIRD ANGLE PROJECTION				
00	7-28-16	BLR	BJPU	JADE	RELEASED	9478									
							MATERIAL: -----				DRAWING NUMBER: TP28170B01				