



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

**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



FIG. 2: 5K CONNECTOR

| 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><br>CUSTOMER DRAWING<br>ITEM REVISION NAME:<br><b>TP28170B01_01</b><br>UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE:<br>(.x) ± --- (.xxx) ± ---<br>(.xx) ± --- ANGLES ± ---<br>THIRD ANGLE PROJECTION |           |             |            |         |
| 00  | 7-28-16 | BLR | BJPU | JADE | RELEASED                             | 9478  |                           |  |  |  |  |           |             |            |         |
|     |         |     |      |      |                                      |       |                           |  |  |  | <b>PANDUIT</b><br>MATERIAL: -----<br>DRAWING NUMBER:<br><b>TP28170B01</b>  |           |             |            |         |