



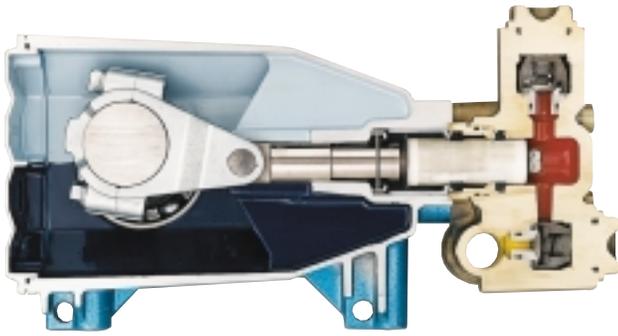
*The Pumps with Nine Lives*

# CAR WASH PRODUCTS

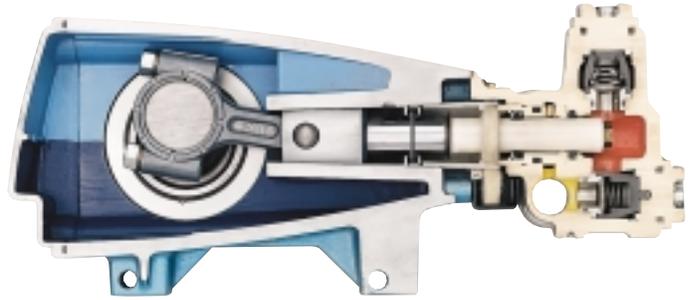


A Pump for every Vehicle Wash

[www.catpumps.com](http://www.catpumps.com)



CP Pumps



Plunger Pumps

**Over 86% of car wash operators use CAT PUMPS because they demand quality.**  
*CAT PUMPS are chosen by more car wash operators than all other brands combined!*

### Dedicated to Quality for Over 35 Years

**CAT PUMPS was a pioneer in the car wash industry** and has been the **leading pump supplier for over 35 years**. In 1968 our original triplex piston pump provided a dramatic improvement in service life. This new level of dependability and performance fueled the fire in a market that has seen tremendous growth since then.

CAT PUMPS current plunger pump design offers a unique reinforced seal, special blend materials for unmatched seal life, and concentric, solid ceramic plungers for true alignment and an ultra smooth surface. Our **seals last 3-4 times longer** than the competitor's and provide the same long life after each servicing. **Over 86% of the car wash operators use CAT PUMPS** because their livelihood depends on their pump and only the most dependable pump will do.

CAT PUMPS versatility and long life make them the pump of choice for self service, touch free and friction automatics, roll-over and detail cleaning. Belt drive, direct-drive, flexible coupling, clutch drive and custom power units offer flexibility for the equipment manufacturer and car wash owner.

For low pressure transfer applications we offer stainless steel submersible and end-suction centrifugal pumps. See our **K-Series Brochure**.

### CAT PUMPS Bring Value to Your Car Wash

Your primary concerns for your car wash are profitability and return on your investment. There are many pumps available today that have similar ratings to CAT PUMPS that sell for less. This sounds good when you first pay out the dollars for your new pump, but this low price soon turns into high costs when the pump goes down and you can't wash cars. At CAT PUMPS, we could cut corners and reduce pump costs like other pump manufacturers, but we believe in producing only the highest quality, longest lasting pump possible.

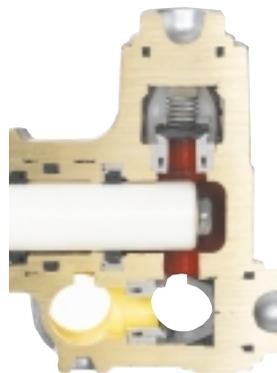
CAT PUMPS are ISO9001 certified. The **special materials and spring reinforced, lipped seal** design offer longer life and performance. They eliminate lopsided wear. The extra steps to assure our **plungers are concentric and specially surface polished** further add to the life of the seals and assure the same performance is attained each time servicing is done. No diminished performance. These extras cost a little more, but translate into less servicing costs, less downtime, and a greater return on your investment. When you consider the initial cost along with the cost of maintenance, you will quickly see that **CAT PUMPS offer the best value**.

### Nine Reasons Why Car Wash Manufacturers Use CAT PUMPS

1. Because CAT PUMPS last longer!
2. Because CAT PUMPS specially formulated Hi-Pressure Seals offer unmatched performance life!
3. Because CAT PUMPS 100% concentric hardened, polished, solid ceramic plungers out perform all others!
4. Because CAT PUMPS high strength drive-ends run 3-4 times longer than any other!
5. Because CAT PUMPS run as true after each service as when they were new!
6. Because CAT PUMPS have a proven performance record in the most rigorous applications!
7. Because CAT PUMPS quality construction offers the highest level of user confidence!
8. Because CAT PUMPS have the largest distribution network providing immediate inventory and technical assistance!
9. Because CAT PUMPS dependability and high energy efficiency offer the best value!

### The New Self-Service Standard

The models 310/340 are the leading pump choices in self-service car wash installations. Their dependability and low maintenance assure your car wash is operating when you need it. The new 310S, 340S and 350S models feature 316SS sleeves in the seal and valve chamber for added life and wear resistance in hard water applications. With lifetime washout protection, the 310S series of pumps offer a new self-service standard.



310S, 340S, 350S

## Belt-Drive

Belt-drive is the oldest and most flexible. The pulleys can be sized to provide the desired RPM required for the flow of the system. Belts provide a vibration cushion. The Model 3535 belt-drive pump is used in more touch-free automatic car wash systems than all other pumps combined.

| Pump Model       | Flow |       | Pressure |     | RPM  | HP*  | System               |
|------------------|------|-------|----------|-----|------|------|----------------------|
|                  | GPM  | L/M   | PSI      | BAR |      |      |                      |
| 310, 301S, 310W  | 4.0  | 15.0  | 2200     | 155 | 950  | 6.0  | Self Service         |
|                  | 5.0  | 19.0  | 1500     | 105 | 1188 | 5.1  | Self Service         |
| 430              | 5.0  | 19.0  | 1000     | 70  | 1040 | 3.4  | Self Service         |
| 5CP2120W         | 4.0  | 15.0  | 2500     | 175 | 950  | 6.9  | Self Service         |
|                  | 5.0  | 19.0  | 2000     | 140 | 1188 | 6.9  | Self Service         |
| 530              | 5.0  | 19.0  | 2500     | 175 | 1100 | 8.6  | Self Service         |
| 623              | 6.0  | 23.0  | 1200     | 85  | 850  | 4.9  | Self Service         |
| 820              | 10.0 | 38.0  | 1000     | 70  | 940  | 6.9  | Prep Unit, Multi-Gun |
| 1050             | 10.0 | 38.0  | 2200     | 155 | 958  | 15.1 | Prep Unit, Multi-Gun |
| 7CP6170          | 11.0 | 41.6  | 2000     | 140 | 1450 | 15.1 | Prep Unit, Multi-Gun |
| 1530             | 15.6 | 59.0  | 1500     | 105 | 1450 | 16.0 | Automatic            |
| 1540E <b>NEW</b> | 18.0 | 68.0  | 1200     | 85  | 1100 | 14.8 | Automatic            |
| 2510             | 20.0 | 76.0  | 2000     | 140 | 1450 | 27.4 | Automatic            |
| 2530             | 25.0 | 95.0  | 1000     | 70  | 1025 | 17.1 | Automatic            |
| 3535             | 36.0 | 136.0 | 1200     | 85  | 800  | 29.6 | Automatic            |
| 3545             | 45.0 | 170.0 | 1000     | 70  | 765  | 30.9 | Automatic            |
| 6760             | 75.0 | 284.0 | 1000     | 70  | 643  | 51.4 | Automatic            |



Belt Drive

## BD Direct-Drive

Special hollow shafted motors offer direct-drive convenience and compact installations. Direct-drive eliminates pulley and belt selection and periodic adjustment. The hardened shafts, key with set screw and special mounting flange offer improved performance. See BD data sheet.

| Pump Model      | Flow |      | Pressure |     | RPM  | HP* | System       |
|-----------------|------|------|----------|-----|------|-----|--------------|
|                 | GPM  | L/M  | PSI      | BAR |      |     |              |
| 340, 340S, 340W | 4.0  | 15.0 | 1800     | 125 | 1725 | 4.9 | Self Service |
| 350, 350S, 350W | 5.0  | 19.0 | 1500     | 105 | 1725 | 5.1 | Self Service |
| 5CP2140WCS      | 4.0  | 15.0 | 1800     | 125 | 1725 | 4.9 | Self Service |
|                 | 4.0  | 15.0 | 2200     | 155 | 1725 | 6.0 | Self Service |
| 5CP2150W        | 5.0  | 19.0 | 1450     | 100 | 1725 | 5.0 | Self Service |
|                 | 5.0  | 19.0 | 1750     | 120 | 1725 | 6.0 | Self Service |



BD Direct Drive

## Flexible Coupling-Bell Housing Drive

When using a standard motor, special 1725 RPM CAT PUMP models can be direct mounted with the use of a bell housing for alignment and flexible coupling for joining the pump and motor shaft. Special high temp, high RPM spydors offer a cushion during the repeated on/off operation to protect the system. See BHFC data sheet.

| Pump Model      | Flow |      | Pressure |     | RPM  | HP* | System       |
|-----------------|------|------|----------|-----|------|-----|--------------|
|                 | GPM  | L/M  | PSI      | BAR |      |     |              |
| 340, 340S, 340W | 4.0  | 15.0 | 1800     | 125 | 1725 | 4.9 | Self Service |
| 350, 350S, 350W | 5.0  | 19.0 | 1500     | 105 | 1725 | 5.1 | Self Service |
| 5CP2140WCS      | 4.0  | 15.0 | 2500     | 175 | 1725 | 6.9 | Self Service |
| 5CP2150W        | 5.0  | 19.0 | 2000     | 140 | 1725 | 6.9 | Self Service |



Flexible Coupling-Bell Housing Drive

## Stainless Steel Centrifugal

Stainless steel centrifugal pumps are used for liquid transfer and pre-soak applications. CAT PUMPS offers a complete line of close-coupled pumps and motors assembled with heavy duty mechanical seals for long life.

| Pump Model | Flow |       | Pressure |     | RPM  | HP* | System   |
|------------|------|-------|----------|-----|------|-----|----------|
|            | GPM  | L/M   | PSI      | BAR |      |     |          |
| 3K112WT3   | 38   | 144.0 | 34       | 2.3 | 3450 | .75 | Transfer |
| 3K121WT3   | 10   | 38.0  | 50       | 3.4 | 3450 | 1.5 | Pre-soak |
| 3K132WT3   | 38   | 144.0 | 62       | 4.3 | 3450 | 2.0 | Transfer |
| 3K162WT3   | 63   | 238.0 | 63       | 4.4 | 3450 | 3.0 | Transfer |

Models listed are with TEFC three phase motor. Other models available up to 15 Hp.

\*Standard electric brake horsepower calculation.



Centrifugal Pre-soak & Transfer

# Typical Accessories for your Car Wash

| Model            | Regulator | Secondary Relief  | Standard Unloader | Multi-Gun Unloader | Gauge | Pulsation Dampener | Standard Gun                              | Weep Gun                   | Dump Gun | Lance  | Inlet Filter | Rotating Nozzle |
|------------------|-----------|-------------------|-------------------|--------------------|-------|--------------------|---|----------------------------|----------|--|--------------|-----------------|
| 310, 310S, 310W, | 7001      | 7534.100          | 7670              | —                  | 6086  | 6028               | 36140                                     | 36141                      | 32300    | 32264  | 7104         | —               |
| 340, 340S, 340W, | 7002      | 33962             | 7672              | —                  | 6086  | 6028               | 35150                                     | 35151                      | 32300    | 32036  | 7203         | —               |
| 350, 350S, 350W  |           |                   |                   |                    |       |                    |   |                            |          |  |              | —               |
| 430              | 7002      | 33962             | 7672              | —                  | 6086  | 6028               | 35150                                     | 35151                      | 32300    | 32036  | 7104         | —               |
| 5CP2120W,        | 7001      | 7534.100          | 7670              | —                  | 6086  | 6028               | 36140                                     | 36141                      | 32300    | 32264  | 7104         | —               |
| 5CP2140WCS,      | 7002      | 33962             | 7672              | —                  | 6086  | 6028               | 35150                                     | 35151                      | 32300    | 32036  | 7203         | —               |
| 5CP2150W         |           |                   | 7620              |                    |       |                    |   |                            |          |  |              | —               |
| 7CP6170          | 7023      | 7535.100          | 7535              | 7535               | 6088  | 6028               | 36140 (1-2)<br>35150 (1-2)                | 36141 (1-2)<br>35151 (1-2) | 32300    | 32264<br>32036<br>31219<br>31220                         | 7105         | —               |
| 530              | 7002      | 7535.100<br>33962 | 7672              | 7535               | 6088  | 6028               | 36140<br>35150<br>76150                   | 36141<br>35151             | 32300    | 32264<br>32036<br>31219<br>31220                         | 7104<br>7203 | —               |
| 623              | 7012      | 7534.100<br>33960 | 7670              | 7534               | 6086  | 6028               | 36140<br>35150                            | 36141<br>35151             | 32300    | 32264<br>32036   | 7104         | —               |
| 820              | 7011      | 7534.100          | 7534              | 7534               | 6086  | 6028               | 36140 (1-2)<br>35150 (1-2)                | 36141 (1-2)<br>35151 (1-2) | 32300    | 32264 (1-2)<br>32036 (1-2)                               | 7105         | —               |
| 1050             | 7013      | 7535.100          | 7535              | 7534               | 6088  | 6028               | 36140 (1-2)<br>35150 (1-2)<br>76150 (1-2) | 36141 (1-2)<br>35151 (1-2) | 32300    | 32264 (1-2)<br>32036 (1-2)<br>31219 (1-2)<br>31220 (1-2) | 7105         | —               |
| 1530             | 7022      | 7534.100          | —                 | 7535               | 6088  | 6028               | —   | —                          | —        | —  | 7105         | 7616            |
| 1540E            | 7022      | 7534.100          | —                 | 7534               | 6088  | 6010               | —   | —                          | —        | —  | 7106         | 7616            |
| 2510             | 7022      | 7535.100          | —                 | 7534               | 6088  | 6010               | —   | —                          | —        | —  | 7106         | 7616            |
| 2530             | 7022      | 7534.100          | —                 | —                  | 6086  | 6010               | —   | —                          | —        | —  | 7107         | 7616            |
| 3535             | 7065      | 7590.100          | —                 | —                  | 6088  | 6010               | —   | —                          | —        | —  | 7108         | 7616            |
| 3545             | 7063      | 7590.100          | —                 | —                  | 6088  | 6012               | —   | —                          | —        | —  | 7108         | 7616            |
| 6760             | 7095      | 890710            | —                 | —                  | 6088  | 6012               | —   | —                          | —        | —  | 7109         | 7616            |



- 1 32300 Dump Gun with 15" Lance
- 2 35150 Gun with 32264 24" Lance
- 3 31260 Gun with 31219 32" Lance
- 4 36140 Gun with 32036 36" Lance
- 5 6012 Prrrrr-O-Lator
- 6 6010 Prrrrr-O-Lator
- 7 6028 Prrrrr-O-Lator
- 8 6086, 6088 Pressure Gauge
- 9 7203 Micro Inlet Filter
- 10 7104, 7105, 7107 Inlet Filter
- 11 7108 Inlet Filter
- 12 7109 Inlet Filter
- 13 7534, 7535 Unloader, Multi-Gun/Relief
- 14 7670 Unloader, Single-Gun
- 15 7672 Unloader, Single-Gun
- 16 7063, 7095 Pressure Regulator
- 17 7022 Pressure Regulator
- 18 7065 Pressure Regulator
- 19 7011, 7012 Pressure Regulator
- 20 7001, 7002 Pressure Regulator
- 21 7616, Nozzle, Rotating (2.5-8.0)

See individual data sheets for full specifications.

## World Headquarters

CAT PUMPS

1681 - 94th Lane N.E. Minneapolis, MN 55449-4324

Phone (763) 780-5440 — FAX (763) 780-2958

e-mail: techsupport@catpumps.com

www.catpumps.com

## International Inquiries

FAX (763) 785-4329

e-mail: intlsales@catpumps.com



The Pumps with Nine Lives

## CAT PUMPS (U.K.) LTD.

1 Fleet Business Park, Sandy Lane, Church Crookham

FLEET, Hampshire, GU52 8BF, England

Phone Fleet 44 1252-622031 — Fax 44 1252-626655

e-mail: sales@catpumps.co.uk

## N.V. CAT PUMPS INTERNATIONAL S.A.

Heiveldkens 6A, B-2550 Kontich, Belgium

Phone 32-3-450.71.50 — Fax 32-3-450.71.51

e-mail: cpi@catpumps.be www.catpumps.be

## CAT PUMPS DEUTSCHLAND GmbH

Buchwiese 2, D-65510 Idstein, Germany

Phone 49 6126-9303 0 — Fax 49 6126-9303 33

e-mail: catpumps@t-online.de www.catpumps.de