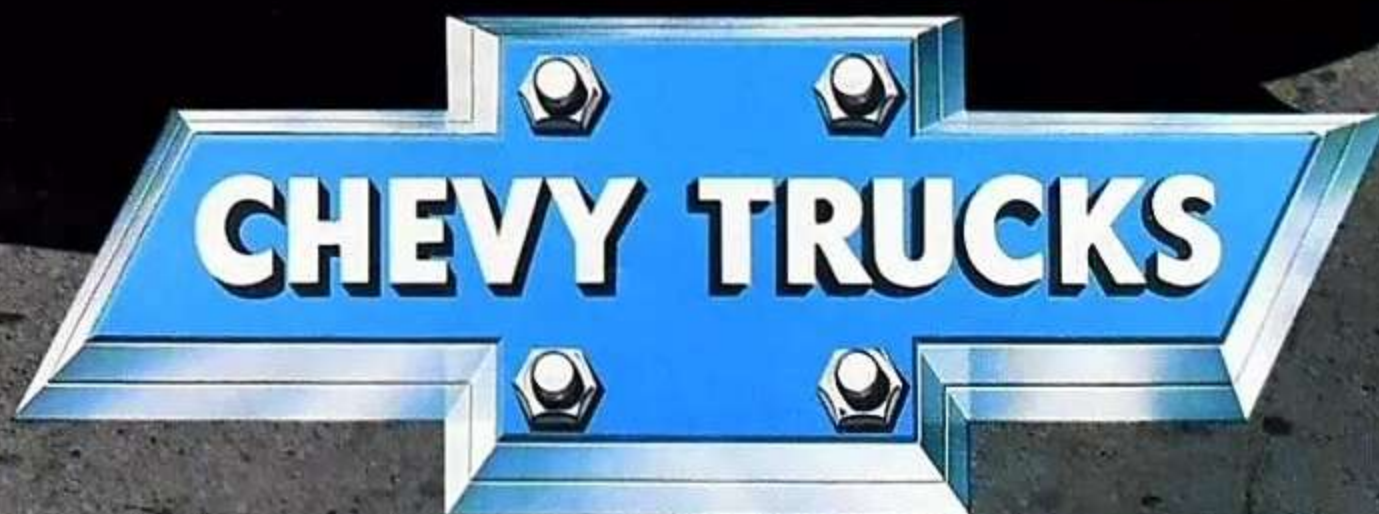
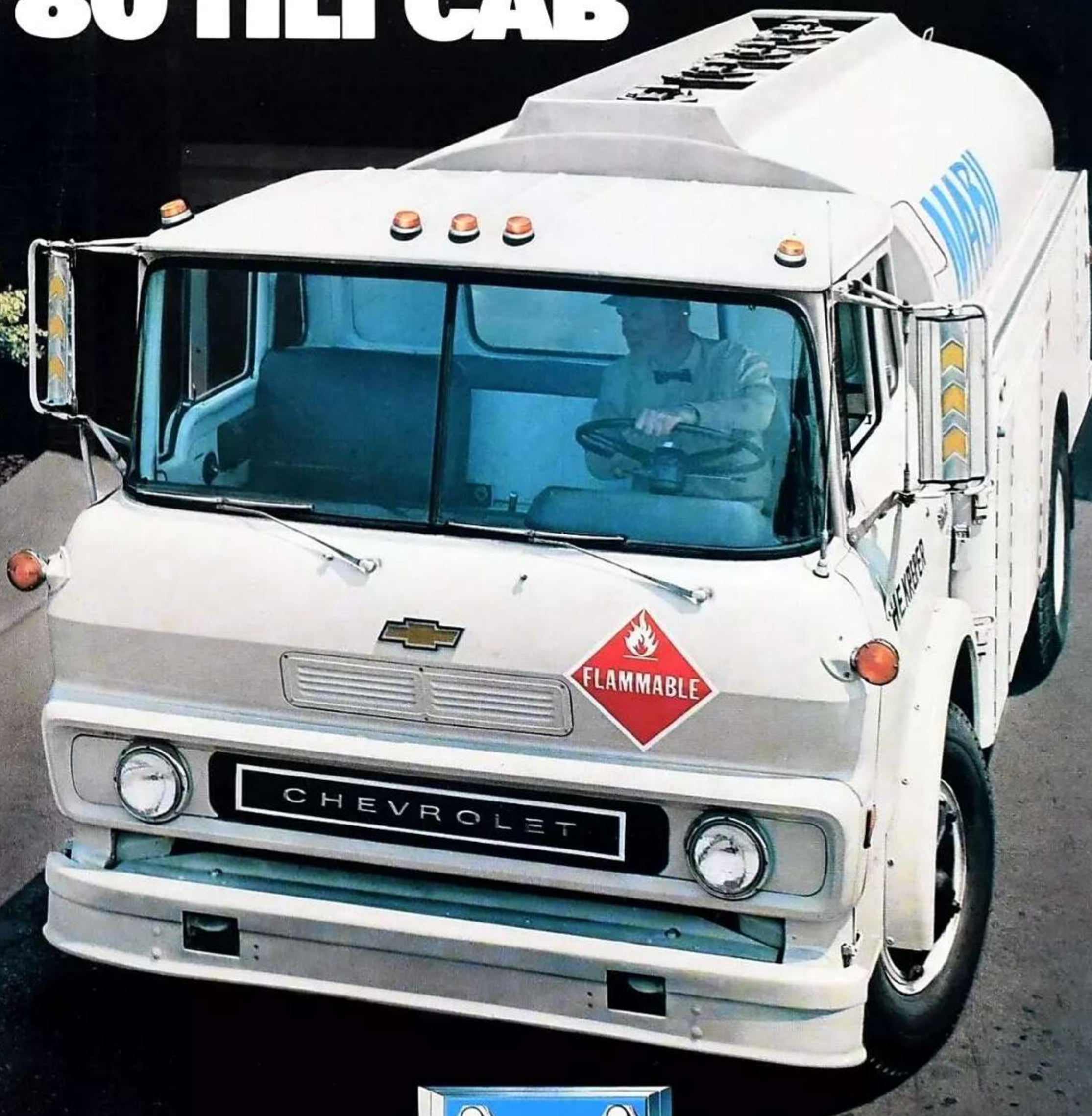


# '80 TILT CAB



**BUILT TO STAY TOUGH**

**FIERCELY COMPETITIVE TRUCKS.** It takes a lot to make a truck as fiercely competitive as a Chevrolet Steel Tilt Cab. It takes a design that meets today's rugged demands. It takes a weight-saving, high-performance vehicle. It takes a truck which can be matched to your needs and which can serve as a profit center for your operation.

Chevrolet's Steel Tilt Cab features a short 72" BBC which permits longer truck bodies or semi-trailers within a given overall length than a conventional cab. Setback front axle design allows higher weight distribu-

tion to the front axle than conventional cabs with comparable ratings. Chevy Tilt offers a broad range of wheelbases from 109" to 199" and CA (cab-to-axle) dimensions to meet almost any vocational application.



W70 shown above and on cover.

### Comfortable, roomy cab interiors.

Chevy Tilt Cab's roomy interior has plenty of space for three persons with available seating. The standard driver's seat is set



Interior with available passenger seat and available Delco AM radio.

high like a chair and adjusts 4 inches fore and aft for individual comfort. A Bostrom Viking driver's seat (shown here) is available; so are one- and two-passenger auxiliary seats.

Large glass area with wraparound windshield provides a good view overall, while the cab-forward design allows impressive visibility in front of cab.

The non-glare instrument panel displays gauges and warning lights on a raised cluster directly in front of the driver. Other standard items include two-speed windshield wipers with washer, driver's sun visor, heavy rubber floor mat, floor insulation, dome lamp.

### Roof-mounted air conditioning.

This option is available on Series W60 and W70. Adds to driver comfort, minimizes pollen and dust in cab interiors.

**Noise abatement.** Noise abatement equipment and materials comply with all Federal Motor Vehicle Safety Standards in



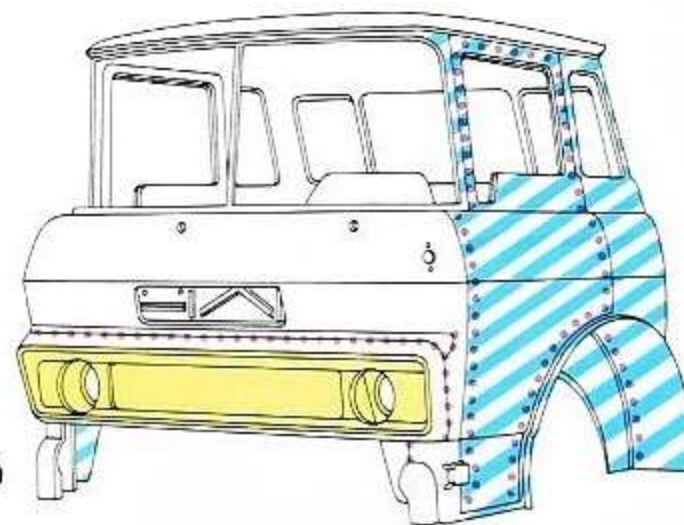
effect on the date of production. As a result, certain specifications and the availability of some standard and/or available equipment may change to meet new Federal standards.

**Corrosion protection.** Chevy's taken a tough stand against corrosion to zero in on potential trouble spots.

Cab and doors are cleaned, treated and then dipped in an electrically charged prime paint emulsion. This process coats hard to reach areas and draws paint into cracks and crevices. Electro-Dip is also applied to many other cab parts.

M-Gard fasteners or their equivalent are used in many areas. A special coating on these bolts acts as a primer for painting.

There's paint on the underside of bumper and doors. Drain holes are strategically located in roof drip rails and doors.



**Zincrometal®** helps resist corrosion in places like headlight bezel and grille opening panel, while **Tectyl®** oil is sprayed on cab side, rear panels, door interior, hinge pillars and underside of fenders. **Plastisol®** is used in hem flange areas on doors, door opening lap joints at engine tunnel and lower fender areas.

**A word about this catalog:** We have tried to make this catalog as comprehensive and factual as possible. And we hope you find it helpful. However, since the time of printing, some of the information you'll find here may have been updated. Your dealer has details and, before ordering, you should ask him to bring you up to date.

**Rugged chassis.** Rugged full-channel side rails provide strength in the area between cab and rear axle. Cross members have alligator-jaw outer ends for a wide "bite" at both top and bottom of frame rails.

Disc wheels standard on Series W60, cast-spoke available on Series W60, standard on Series W70. 10-stud disc available for Series W70.

**High-capacity front axles.** I-beam front axle capacities range from 7000 to



12,000 lbs. Semi-elliptic leaf springs give high front-end load capability. Variable-rate design provides soft action under light loads, extra stiffness as weight increases. Spring capacities: 3500 to 6000 lbs. each.

**Vacuum-hydraulic or full air brakes available.** Vacuum-hydraulic brakes with single master cylinder are standard on all Series W60 and W70 Tilt Cabs. Full air brakes are available on Series W70 models. "Net Design" is a feature of the hydraulic system. Components go together right or not at all to simplify maintenance.

Delco's Hy-Power brake system is also available for both Series. It provides more stopping power at the wheel cylinders than a conventional vacuum power system. The power steering pump provides hydraulic power. Compact design requires no vacuum booster or reservoir tank. A reserve power system provides for a number of stops should the power system malfunction.

**Single- and 2-speed rear axles.** Hypoid rear axles are standard or available in single-speed or two-speed version rated at 15,000 lbs. on the W60 and 17,000 lbs. on the W70.

Eaton spiral-bevel rear axles are offered for Series W70 Tilt Cabs: single- and 2-speeds rated at 18,500 lbs., a single-speed at 22,000 lbs., and a 2-speed at 23,000 lbs. Single auxiliary rear springs are also available.

**3 V8 engines.** Chevrolet offers a choice of three powerful V8 engines for Tilt Cab. The 350 V8 is standard for Series W60 (not available in California). It features a forged-steel crankshaft with heavy-duty bearings; 5-quart oil sump; ramshorn exhaust manifold; double roller chain camshaft drive with steel crank sprocket.

The 366 V8 is available on Series W60, standard on Series W70. It's especially engineered for rugged service. Four piston rings contribute to oil control and compression sealing. Main bearing caps are four-bolt type, while heavy support bulkheads are used for rigidity and strength.

There's also an available 427 V8 for Series W70. It boasts all of the special engineering features listed above for the 366 engine plus sodium-cooled exhaust valves.

**Five-speed manual or automatic transmissions.** The New Process 542CL five-speed transmission is standard equipment on both the Series W60 and W70. Single- and 2-speed rear axles available. Allison AT540 4-speed, MT643 5-speed and MT653 5-speed automatic

transmissions are available for straight-truck service. Maximum GVWR is 32,600 lbs. Includes heavy-duty cooling.

Smooth hydraulic pressure softens clutch engagement. A 13-inch single-plate clutch is standard. A 14-inch single-plate clutch is included with the available 427 V8 engine on Series W70. Ventilated design helps prolong service life by cooling plates and discs.

**Easy to service.** Chevy's cab tilts forward a full 55 degrees to expose front-end components. There's plenty of room for a mechanic to stand between frame and front tire. Air cleaner, oil filter, fuel filter, accessory drive pulleys and clutch are easily reached for service.

Access panels permit you to check and fill crankcase or cooling system without tilting the cab.

The control island remains mounted on the chassis frame when the cab is tilted. Transmission shift lever, hand brake and choke linkages are positive and direct-acting, unaffected by the cab-tilting feature. Not having to disconnect, reconnect or adjust these linkages is a maintenance timesaving feature.

| DIMENSIONS (Inches) |     |     |     |     |     |
|---------------------|-----|-----|-----|-----|-----|
| MODELS              | RPO | WB  | CA  | CE  | OL  |
| W7N042              | FPZ | 109 | 84  | 132 | 208 |
| W6N042              | FPI | 133 | 108 | 168 | 245 |
| W7N042              | FPJ | 133 | 108 | 168 | 245 |
| W6N042              | FQX | 145 | 120 | 180 | 257 |
| W7N042              | FQX | 145 | 120 | 180 | 257 |
| W6N042              | FPG | 163 | 138 | 231 | 308 |
| W7N042              | FPG | 163 | 138 | 231 | 308 |
| W6N042              | FNV | 175 | 150 | 243 | 320 |
| W7N042              | FNV | 175 | 150 | 243 | 320 |
| W6N042              | FWN | 187 | 162 | 255 | 331 |
| W7N042              | FWN | 187 | 162 | 255 | 331 |
| W6N042              | FNW | 199 | 174 | 267 | 343 |
| W7N042              | TNW | 199 | 174 | 267 | 343 |

WB/Wheelbase; CA/Cab-to-Axle;  
CE/Cab-to-End-of-Frame; OL/Overall Length

The right is reserved to make changes at any time, without notice, in prices, colors, materials, equipment, specifications and models, and to discontinue models. Check with your Chevrolet dealer for complete information. Chevrolet Motor Division of General Motors Corporation, Detroit, Michigan 48202. Litho in U.S.A.



Many vehicles in this catalog are shown with available factory-installed options, dealer accessories and specialized equipment from various independent suppliers.

**Colors** shown are available on all Chevrolet Tilt Cabs in solids and Conventional Two-Tone. Your Chevrolet dealer has recommended interior trim colors.



CAMEL BEIGE



CARMINE RED



WHEATLAND YELLOW



TANGIER ORANGE



DEEP BLUE



SANTE FE TAN



DARK BROWN



CARDINAL RED



FROST WHITE



WOODLAND GREEN



MIDNIGHT BLACK



MEDIUM BLUE

#### STEEL TILT MEDIUM-DUTY SPECIFICATIONS

|                                  | SERIES                        | W6ND42    | W7ND42                 |
|----------------------------------|-------------------------------|-----------|------------------------|
| MAXIMUM GVW (LBS.)               |                               | 25,160    | 32,600                 |
| MAXIMUM GCW (LBS.)               |                               | 45,000    | 60,000                 |
| FRONT AXLES: CAP.                | 7,000 LBS.                    | STANDARD  | STANDARD               |
|                                  | 9,000 LBS.                    | AVAILABLE | AVAILABLE              |
|                                  | 12,000 LBS.                   | —         | AVAILABLE              |
| ENGINES, GAS: CU. IN. (L) & TYPE | 350 CU. IN. (5.7L) V8*        | STANDARD  | —                      |
|                                  | 366 CU. IN. (6.0L) V8         | AVAILABLE | STANDARD               |
|                                  | 427 CU. IN. (7.0L) V8         | —         | AVAILABLE              |
| TRANSMISSIONS:                   | NEW PROCESS-542L, 5 SPD       | STANDARD  | STANDARD               |
|                                  | NEW PROCESS-542D, 5 SPD       | AVAILABLE | AVAILABLE              |
|                                  | CLARK 285V, 5 SPD             | —         | AVAILABLE              |
|                                  | CLARK 282V, 5 SPD             | —         | AVAILABLE              |
|                                  | ALLISON-AT54D, 4 SPD          | —         | AVAILABLE              |
|                                  | ALLISON-MT643G, 4 SPD         | —         | AVAILABLE              |
|                                  | ALLISON-MT653G, 5 SPD         | —         | AVAILABLE              |
|                                  | SPICER-CMS252A, 5 SPD         | —         | AVAILABLE              |
|                                  | —                             | —         | —                      |
| REAR AXLES: CAP.                 | 15,000 LBS. 1-SPD H150        | STANDARD  | —                      |
|                                  | 15,000 LBS. 2-SPD T150        | AVAILABLE | —                      |
|                                  | 17,000 LBS. 1-SPD H170        | AVAILABLE | STANDARD               |
|                                  | 17,000 LBS. 2-SPD T170        | AVAILABLE | AVAILABLE              |
|                                  | 18,500 LBS. 2-SPD T185        | —         | AVAILABLE              |
|                                  | 18,500 LBS. 1-SPD EATON 17121 | —         | AVAILABLE              |
|                                  | 18,500 LBS. 2-SPD EATON 17221 | —         | AVAILABLE              |
|                                  | 22,000 LBS. 1-SPD EATON 22121 | —         | AVAILABLE <sup>1</sup> |
|                                  | 23,000 LBS. 2-SPD EATON 23221 | —         | AVAILABLE <sup>1</sup> |
|                                  | 23,000 LBS. EATON 23121       | —         | AVAILABLE <sup>1</sup> |
|                                  | —                             | —         | —                      |

\*Air Brake Model Only \*Not available in California

#### GASOLINE ENGINE SPECIFICATIONS

| ENGINE-CU. IN. (L)+TYPE         | 350 CU. IN.<br>(5.7L) V8* | 366 CU. IN.<br>(6.0L) V8 | 427 CU. IN.<br>(7.0L) V8 |
|---------------------------------|---------------------------|--------------------------|--------------------------|
| BORE & STROKE                   | 4.0 X 3.48                | 3.94 X 3.76              | 4.25 X 3.76              |
| COMPRESSION RATIO               | 7.9                       | 7.6                      | 7.5                      |
| SAE NET HORSEPOWER @ RPM        | 160 @ 3600                | 190 @ 4000               | 210 @ 3800               |
| SAE NET TORQUE (LBS./FT.) @ RPM | 275 @ 2400                | 305 @ 2400               | 350 @ 2400               |

\*Not available in California

### A Word About Components, Optional Equipment, Assembly and Availability of These Chevrolets.

These Chevys incorporate thousands of different components produced by various divisions of General Motors and by various suppliers to General Motors.

With respect to factory-installed extra cost optional equipment, make certain you specify the type of equipment you desire on your vehicle when ordering it from your dealer. We suggest you verify that your vehicle includes the optional equipment you ordered or, if there are changes, that they are acceptable to you.

The Chevy Tilt Cab Model CW60 and CW70 described in this brochure is assembled at facilities of General Motors Corporation operated by GMC Truck & Coach Division. This vehicle is also available from GMC dealers under the name GMC Tilt Cab Model TW6000 and TW7000.



BUILT TO STAY TOUGH