

THE AUTOCAR

AP-15

Off-highway rear dump truck
with planetary-gear rear axle

*For a
fast trip
cycle*



A new, tough vehicle to speed all kinds of off-highway work, especially road construction. Delivers excellent low gear performance and a loaded top speed of 39 mph.

AUTOLIT



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Catalogs, and MUCH More. World's largest selection!

*A fast trip cycle with
outstanding economy
and reliability*

The Autocar AP-15 is designed to bring new standards of speed, performance and durability to construction, quarry and mining operators who want to move a lot of material in a hurry. With speeds as high as 39 mph, this giant truck greatly reduces round-trip time. Whether you rate it by tonnage or yardage hauled, or by operating cost, or by the thousands of hours of heavy-duty work built into it, you'll agree that the AP-15 is a truck which helps you wind up every contract on schedule.



THE HEART OF IT is the planetary-gear rear axle. A "sun" gear at the end of the rear axle shaft meshes with three pinion or "planet" gears which in turn drive each rear wheel. Owing to multiple gear-tooth contacts, it provides high torque capacity.



AUTOCAR DRIVER CAB. Designed and built to provide maximum strength and durability, the Autocar Driver Cab permits the operator to put in a full day without fatigue. Full hydraulic power steering makes this mighty truck as easy to handle as a passenger car. The famous "Full-Adjust" Driver's Seat allows the driver to find his own most comfortable position.

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THE PLANETARY GEAR REAR AXLE places the highest numerical gear reduction right in the wheels. This means that axle shafts and hypoid gears carry only nominal torsional loads and give long trouble-free service. Extra long life, extra dependability, extra economy.



GOOD GROUND CLEARANCE, TOO. Because the axle ratio is divided between the gear carrier mounted at the center of the rear axle and the planetary reductions at the outer ends, the main drive gears are reduced in diameter. Thus the housing that covers them is substantially smaller and offers greater clearance—an important feature when operating over rough terrain.



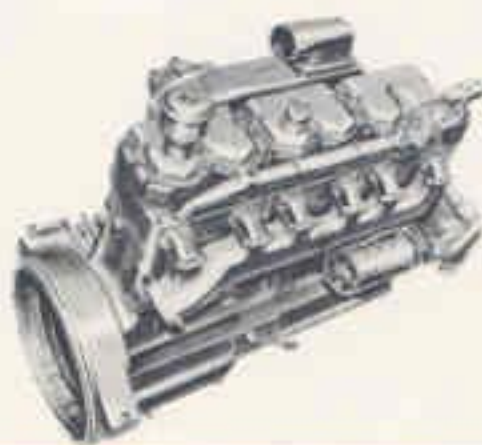
GREAT FLEXIBILITY. The combination of fast axle ratios and a 10-speed transmission permits the AP-15 to operate at higher speeds on up-grades as well as on the flat.



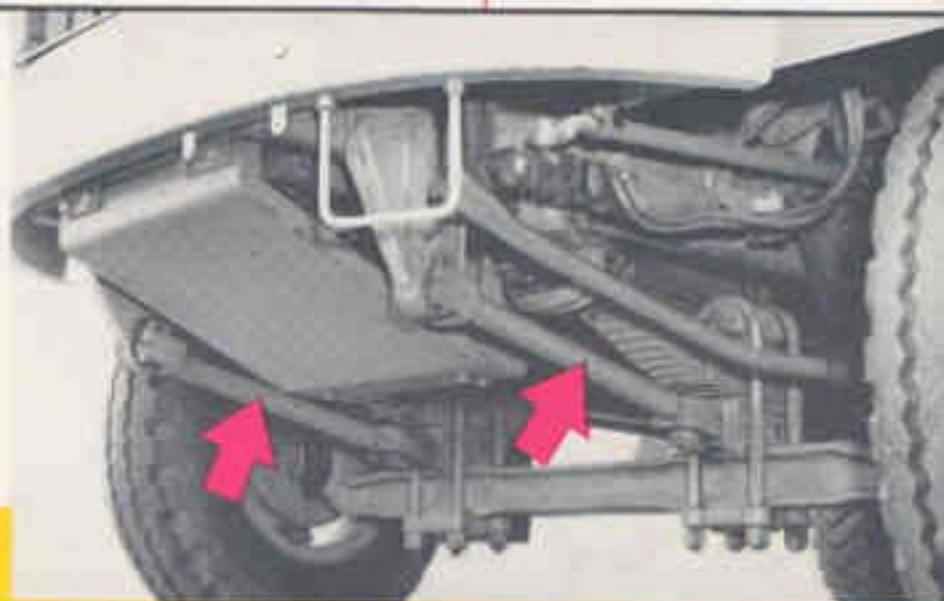
70° DUMPING ANGLE provided by double-acting hydraulic hoist.

BUILT TO LAST

- *Held construction* throughout to hold components firmly. Yet any part can be quickly replaced when necessary.
- *Replaceable bushings* at more than 100 key points save wear on more expensive major parts.
- *Reinforced, heat-treated alloy steel frame* for maximum strength.



AUTOCAR-CUMMINS DIESEL ENGINES. Engines for the AP-15 are the Cummins 6-cylinder, valve-in-head diesel known by engineers the world over for quality, ruggedness and long operating life. AP-15 operators are offered as standard the NHB engine delivering 210 hp at 2100 rpm. As optional equipment, the NT with 250 hp or the NTO with 282 hp is available.

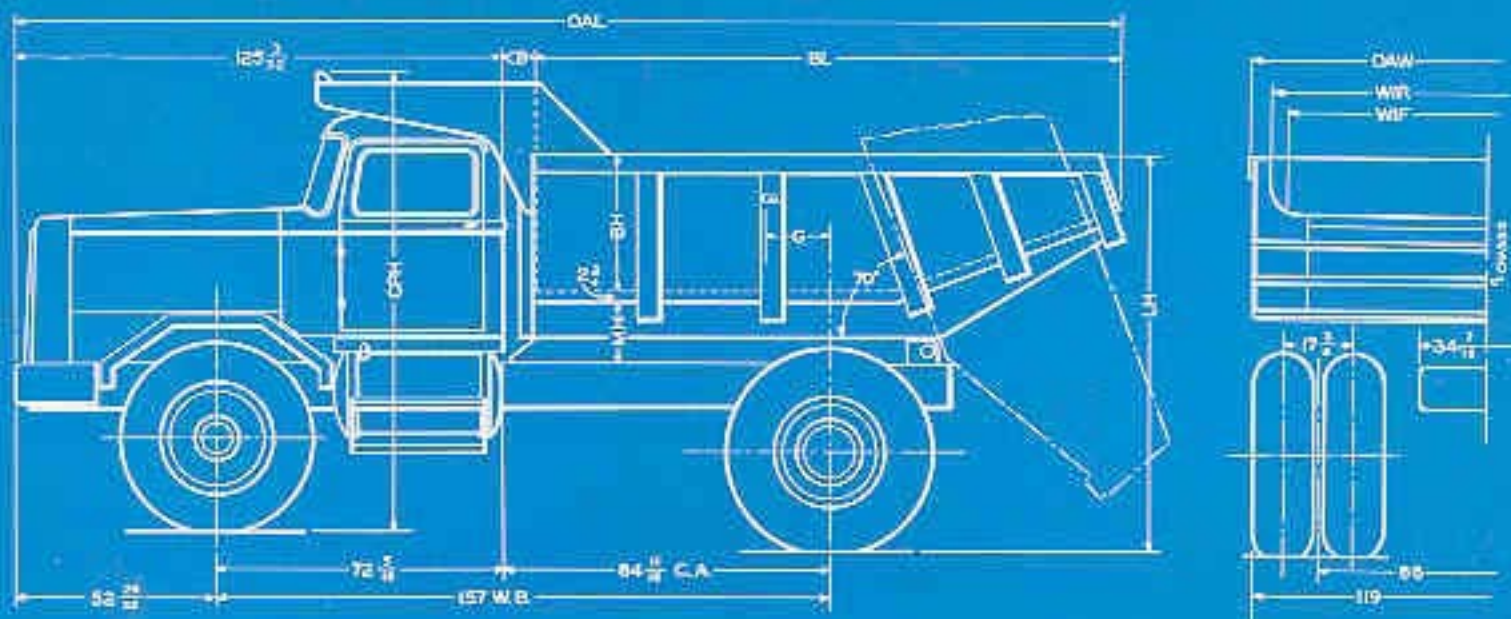


HEAVY-DUTY RADIUS RODS, front and rear, hold axles in alignment with frame, provide the rigid construction that reduces stresses.

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AUTOCAR MODEL AP-15

DIMENSIONS, WEIGHTS AND CONDENSED SPECIFICATIONS

WEIGHT DISTRIBUTION DATA

| | Front | Rear | Total |
|----------------|--------|--------|--------|
| Chassis | 10,400 | 9,400 | 19,800 |
| Body and Hoist | 1,400 | 11,800 | 13,200 |
| Tare Weight | 11,800 | 21,200 | 33,000 |
| Payload | 3,200 | 26,800 | 30,000 |
| Gross Weight | 15,000 | 48,000 | 63,000 |

NOTE: Chassis weight includes cab, fuel, oil, water, standard units, and 12.00/24 front, 14.00/24 dual rear tires.

CONDENSED SPECIFICATIONS

PAYLOAD RATING: 15 tons

CAPACITY (STRUCK): 10 cu. yd.

ENGINE: Cummins diesel; 210 to 262 hp available

TRANSMISSION: 10-speed mechanical with 14" 2-plate clutch

FRONT AXLE: Wide track, heavy-duty type

REAR AXLE: Autocar PR-400 planetary

SPRINGS: Free-floating type

RADIUS RODS: Front and rear, heavy-duty

FRAME: Heat-treated alloy steel with bolted construction

BRAKES: 4-wheel air; front: 17 $\frac{1}{4}$ " x 4", lining area per axle, 250 sq. in.; rear: 20 $\frac{1}{4}$ " x 7", lining area per axle, 656 sq. in.

STEERING: Hydraulic power assist

TIRES: 12.00/24 16-ply rating (front); 14.00/24 20-ply rating (dual rear)

CAB: Autocar Driver Cab with "Full-Adjust" Seat

BODY: Heavy rock-type body with scoop end; full cab protector, 10 cu. yd. capacity

HOIST: Twin-cylinder double acting hydraulic; full 70° dumping angle



AUTOCAR DIVISION
The White Motor Company • Exton, Pa.

