California Department of Forestry & Fire Protection

CAL FIRE ENGINE - MODEL 5 (HYDROSTATIC)

USE

By 1983 CAL FIRE had been using hydrostatic drives for fire pumps approximately four years. Up to this point all field experience had proven the system reliable and effective. The two-stage pump afforded the flexibility to deal with the wide variety of fire scene conditions encountered by crews. During the mid-80s the Department incorporated several research and development projects into existing models. Examples include: hydrostatic fire pump drive system, and Class A foam injection and electronic pump controls. This hydrostatic Model 5, along with other models during this time, were the fore runners for the current models.

CREW

Seating for 6 personnel

CAPABILITIES

Booster Tank:	500 gallons
Fire Pump:	2-Stage, 475 gpm Hydrostatic
Class A Foam	

MANUFACTURERS

Chassis:	Navistar
Body:	West-Mark/ Master Body Works

SPECIFICATIONS

Gross Vehicle Weight:	29,500 lbs.
Engine:	International DT-466
Front Axle:	12,000 lbs.
Rear Axle:	17,500 lbs.
Transmission:	Allison MT 643
Wheel Base:	152”