

# NC12 NEW CONCEPT PUMPER

**Carl Thibault**  
EMERGENCY VEHICLES



## INFO

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## GENERAL

- Spartan chassis Metro Star Cab Style MFD 10" Raised Roof
- Six passengers
- Cummins 425 ISL EPA07 engine. No DEF fluids needed
- Allison 3000 EVS transmission
- GAWR front 20000 lb
- GAWR rear 27000 lb
- 190-inch wheelbase for maximum turning radius
- Rear trailer hitch
- Vehicle fully ULC and NFPA compliant including Electronic Stability control

## PUMP

- Hale DSD 1250 IGPM pump
- 2 x 6" gated intake with independent priming port and air bleeder, with 4" Storz reducer
- 4 x 2½" discharge, 2 on LH side, 1 on RH side and 1 at the rear pre-connected in hosebed
- 1 x 4" Storz discharge on RH side
- 2 x 1½" pre-connected speedlay
- 1 x 1½" front trash line in a closed bumper compartment
- 1 x 3" deck gun discharge with wireless remote control monitor

Pump panel fully enclosed inside compartment

No discharge on pump panel



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## TANK

800 IG water + 30 IG foam polypropylene water tank with space to store foam pails beside the fill tower

Foampro 2002 foam system and possibility of adding a CAFS system

## COMPARTMENT CONFIGURATION

- Full depth full height 27" compartment on LH side
- Rear compartment 31" deep for storage of rescue equipment
- Rear side-in compartment for:
  - 2 x 6" suctions
  - 4 x pike pole (up to 16' long)
  - 1 x 16' roof ladder
  - 1 x 28' 2-section ladder
  - 1 x 10' folding ladder
- Roof compartment on each side of the hosebed
- Safe access to the top of the apparatus via a rear inclined ladder and side walkway and a 24-inch deep rear access plate
- No need to walk on hose to access the top compartment
- Hinged safety bar and top compartment cover acting as a guard when firefighters are on top of the apparatus
- Hard top cover for main hosebed

## ELECTRICAL

- Weldon VMUX multiplexed electrical system with Vehicle Data Recorder
- LED lights and control on Vista display
- All scene lights are 12-volt LED. No need to carry a generator
- Weldon back-up camera

## EQUIPMENT

- Vulcan RF electric monitor Elkhart Brass
- 2 x 6" suctions FILET
- 1 x 16' roof ladder with folding hooks
- 1 x 28' 2-section ladder
- 1 x 10' folding ladder
- Two (2) folding aluminum wheel chocks and supports

