



**HASEEN HABIB**  
CORPORATION (PRIVATE) LTD.



**Firechief®**

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# FIRE TRUCKS

## LARGE RANGE



DCP SYSTEM



CO<sub>2</sub> SYSTEM



ACCESSORIES



LOCAL COMPARTMENT



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# SPECIFICATIONS

## PURPOSE

- Multimedia fire fighting truck.
- In support of Rapid Intervention Vehicle.
- To catch up the large amount of fire.
- To extinguish the class A, B, C and E fires.

## PROPOSED CHASSIS DETAIL

- HINO FG - ISUZU FTR - MAN - FAW J5M (Chinese option) - Any other

## CREW COMPARTMENT

It is fabricated behind driver's cabin, suitable for accommodating 3-4 persons.

## WATER TANK

Capacity: 4000 to 7000 litres.  
Material: 4mm mild steel.  
Other option: Galvanised iron or stainless steel.

## FOAM TANK

Capacity: 300 to 1000 litres.  
Material: Fiber glass.  
Other option: Stainless steel.

## FIRE PUMP

### Option 1:

Centrifugal, two stage, to be driven by PTO, Firechief brand, meeting requirement of NFPA 1901, mid-ship mounted.

Output: 750 U.S GPM at 150 psi  
525 U.S. GPM at 200 psi  
375 U.S. GPM at 250 psi

Maximum intake pressure: 20 psig (138 kpa)

Casing: Cast Iron / Bronze

Impeller: Bronze

Impeller Shaft: Stainless steel

### Option 2:

Watrous USA

Centrifugal, two stage, to be driven by PTO, Waterous brand, meeting requirement of NFPA 1901, mid-ship mounted.

Output: 750 U.S GPM at 150 psi  
525 U.S. GPM at 200 psi  
375 U.S. GPM at 250 psi

## PRIMING PUMP

- Rotary Van type - 12 Volt DC - Push type button

## POWER TAKE OFF (PTO)

Full torque, fly wheel front fitted between flywheel and gearbox.

### Operation:

This provides pump-and-roll operation. The pump operates while the vehicle is stationary and also when the vehicle is moving.

## FOAM EQUIPMENT

- Foam proportioner around the pump with 0-6% selection or balanced automatic proportioner.
- Water / foam monitor single or double barrel  
Flow: 2500-3000 lit/min.
- Foam branch pipe: 225,450,900,2000 or 3000 lit/min water flow.

## DRY POWDER UNIT

Capacity of cylinder  
- DCP-250 kg - DCP-500 kg

## WATER/FOAM MONITOR

### Option 1:

Model: DB-3000 Double Barrel  
Flow rate: 3000 lit/min  
Foam branch: FB-450, 450 lit/min  
Water nozzle: TP-3000, 3000 lit/min  
Maximum throw: Foam 45-50m  
Water 50-60m

### Option 2:

Model: SB-2500 Single Barrel  
Flow rate: 2500 lit/min  
Foam nozzle: FB-450, 450 lit/min  
Water nozzle: TP-3000, 3000 lit/min  
Maximum throw: Foam 45-50m  
Water 50-60m

## CO<sub>2</sub> UNIT

Capacity of cylinder  
- 2 x 25 kg - 2 x 45 kg

## HOSE REEL

Fitted with 1" x 100 ft. (25mm x 30m) of high pressure hose with jet spray nozzle.

## WARNING EQUIPMENT

Bar lights with PA (Public Address) system and flashing lights.

## BODY WORK

Elegantly designed and smartly finished, using quality mild steel angles, channels and sheets of suitable sizes, to enable it to withstand maximum wear and tear on dusty and bumpy roads. Outer covering of 18 gauge sheet.

Fixed ladders are provided at the rear for climbing to the vehicle top.

Protective railings are provided along the lengths of the vehicle top.

All floors and walking platform covered with anti slip chequer plates/strips.

## LOCKERS

Suitably provided on the appliance to allow maximum space for carrying hoses and other sundries. To protect the stores, lockers are provided with aluminum roller shutters. Lights fitted inside lockers.

## CONTROL PANEL

Incorporates all necessary gauges and controls, when pump is mid-ship mounted, control panels are provided on right and left sides of the vehicle.

## PAINTING & FINISHING

Body, including cabs is finished in fire engine red. Interior and lockers painted in grey or matching colours.

## SUCTION HOSE TUNNELS

Two straight tubular tunnels are provided at the top, each to accommodate one length of suction hose 4"x 10 ft. with couplings.

## FIRE FIGHTING ACCESSORIES

On request, as per customer's specification or according to individual requirements.



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