Fire Fighting with fog & Fire protection rescue equipment

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HIGH PERFORMANCE CHEMICAL FIREFIGHTING TRUCK

1. SPECIFICATION
- Capacity of Chassis: 5 ton~19.5 ton
- Foam system: C.N.F Foam System
- Pump: U.S Darley 1,000GPM~1,500GPM
- (1 stage centrifugal pump)
- Capacity of Water/Foam tank: 8,000 liter/3,000 liter

2. FEATURES
- Monitor: Akron monitor
  (flow rate: 1,000GPM~1,500GPM, Fog/Stream and Remote control)
- 3 dimensional extinguishing system
  Supported by Williams fire
- Dry chemical system available with option
LIGHTWEIGHT AERIAL PUMPER

1. SPECIFICATION
   - Max Power of Engine: 5Ton/255PS
   - Aerial platform: Aluminum ladder with 14m in length
   - Control system: Wire and Wireless Control system and Proportional system
   - Discharge monitor: Akron Brass FireFox Monitor & Nozzle

2. FEATURES
   - Effective used for the fire of small and medium size building that the large fire vehicle is not easy of access
   - Available for both of personal rescue and fire extinguishing
1. CHASSIS
- WORKING HEIGHT : 23M, 33M, 42M, 52M
- CHASSIS MANUFACTURER : Hyundai Motor / Daewoo Motor
- CHASSIS MODEL : 16ton, 19.5ton

2. TANK CAPACITY
- WATER TANK CAPACITY : 3,000ℓ
- FOAM TANK CAPACITY : 600ℓ

3. FIRE PUMP(OPTION)
- TYPE : 1 STAGE CENTRIFUGAL PUMP
- PERFORMANCE : 1,000GPM/1,500GPM DARLEY PUMP

4. LADDER
- LADDER TYPE :
  3section/Hydraulic driven, Working height : 23M
  4section/Hydraulic driven, Working height : 33M
  5section/Hydraulic driven, Working height : 42M
  6section/Hydraulic driven, Working height : 52M

5. VACUMP PUMP(OPTION)
- TYPE : ECCENTRIC ROTARY VANE PUMP
1. SPECIFICATION
- Chassis: 4 x 4, 5 crew, Sport Utility Vehicle (SUV)
- Equipments: High pressure Water Mist System, Water or Extinguishing agent tank: 100 Liters
  Flow rate: 35 Liters / min
  Effective distance of water mist: 10M wibro wireless communication system, personal computer for vehicle, air bag, oxygen resuscitator, first aid kit

1. SPECIFICATION
- Chassis: (grade ton / horse power) 5ton, 8.5ton, 250PS, 300PS
- Crane Loading Weight: 9ton-m
- Winch Pulling Capacity: 5ton
- Search Light Tower
  Height: 3.8 M
  Bulbs: 500W X 4 units
- Generator power: 10KW

2. FEATURES
- 4-wheel drive SUV intended to ensure high mobility as well as early fire fighting and emergency response activities
- Wibro communication enabling data transmission, and information communication and sharing with briefing room
- Suitable for emergency response or patrol activities and educational promotion

2. FEATURES
- Having independent loading compartments and locking devices attached according to special rescue equipments
- Equipped with a crane for large-scale rescue (knuckle-boom crane, stick crane)
- Optionally equipped with generator lighting or winch
- A space installed to mount a rescue boat on the top
- Optionally equipped with other rescue equipments
FLOOD LIGHT SMOKE EXHAUST TRUCK

1. SPECIFICATION
- Chassis: (grade ton / horse power) 5ton / 250PS
- Light tower height: 11M
- Light tower capacity: 400W X 12units
- Generator: 30KW
- High Performance Fog Exhaust fan: 1,000 CMM
- Water mist system: 100L/min
- High Performance Fan system
  Foam agent tank: 400 Liters
  Spray head: 4 units
- Engine type Fog Exhaust fan: 2,000 CFM 1units
- Motor type Fog Exhaust fan: 4,600 CFM 1units

2. FEATURES
- A multi-function vehicle equipped with night lighting, generator, smoke exhaust device, and high-performance liquid foam spraying system
- High-performance metal lamp lighting
- High-performance hydraulic smoke exhaust fan - easy to control air flow

INSULATING AERIAL WORKING PLATFORM

1. CHASSIS
- CHASSIS MANUFACTURER: Hyundai Motor
- CHASSIS MODEL: 3.5ton, 5ton

2. SPECIFICATION
- WORKING HEIGHT: 17m
- PLATFORM HEIGHT: 15m
- MAX. OUTREACH: 11.5m / 10.5m
- MAX. BUCKET CAPACITY: 200kg / 265kg
- FLY BOOM: 180°Δ
- ROTATING ANGLE: Continuous / Noncontinuous
- OPTATING ANGLE: Electric Hydraulic Joy Stick / Switches
- UPPER INSULATED BOOM: Fiberglass Upper Insulated Boom / Insulated Bucket
- OTHER SPECS: Outrigger Boom Interlock
  Max. Outreach System(length/angle)
  Emergency Pump System
  Full Prop. CanBus Control System
AIRCRAFT REFUELER

1. Refueling for Large size Aircraft
2. Complied with NFPA 385 & 407
3. Safety device: Applied Deadman control system, Jet level sensor, Emergency shut off system and Break interlock system
4. Main function: Fueling, Defueling System, Recirculation and Bottom Loading System Available for Boeing 777 grade aircraft when the lift is equipped

RIOT CONTROL WATER CANNON

1. 3 Nos of Monitor (2 Nos of Roof monitor, 1 Nos of Bumper monitor)
2. Halogen Lighting system
3. Safe-guard system (Fire Suppression), All Protect Cover
4. Emergents Stop Switch / Automatic Spray System
5. Water Tank Capacity: 6,500lt
6. Proportioning System: Water, Tear gas and Dye
7. Cabin: 5 Passengers available and Interlock System

WATER MIST FIRE extinguishing SYSTEM

1. Environment friendly
2. Available for Class A,B,C fire
3. Available for confined area that the water supply is impossible and wild fire
4. Available five(5) different settings to adjust the jet depending on the fire and circumstance (5 patterns of jet)
5. High pressure hose reel with compact lightweight and rugged construction
1998.02 Company is founded in Cheongju
1998.04 Start to manufacture Fire Truck
1999.03 Automatic Foam Discharging Device Patent Application
1999.09 Agency Contract with Darley of U.S.A
2000.12 Agency Contract with WILLIAMS of U.S.A
2001.01 Agency Contract with FOGTEC of Germany
2001.01 Agency Contract with DENNIS Fire Truck OF England
2001.03 Water Pump Development
2001.06 Technical Corporation Contract with PPV Tempest o U.S.A

2001.07 2nd Workshop Building in Oksan
2002.04 Obtain ISO9001 Certification
2003.04 Starting of Aerial Ladder Truck Manufacturing
2004.06 Technology Corporation Contract with LAFLANCE of U.S.A
2004.09 New Workshop Building in Ochang
2005.10 Agency Contract with E-ONE INC., of U.S.A
2006.12 Launching the Super Aerial Ladder Truck
2007.05 3rd Workshop Building in Ochang
2008.07 52Meter Aerial Ladder Truck
2009.01 Obtain ISO14001 Certification

FIRETEC Co., Ltd.
469-5 Dureung-ri, Ochang-eup, Cheongwon-gun, Chungcheongbuk-do, Seoul 363-882 Korea
TEL : +82-43-211-6612 / FAX : +82-43-211-6615 / E-mail : firtec@maver.com
www.ffiretec.com