

# TRAILER MOUNTED MONITOR MODEL HD-CHETAK



## TECHNICAL DATA

MODEL	HD-CHETAK
WATER/FOAM FLOW	500 to 2000 GPM (depending on HD monitor model)
MAX. OPERATING PRESSURE	175 PSI (12 Bar)
FRAMING	Structural steel
DECKING	Anti-skid checker plate
TYRES	Pneumatic radial load bearing
BREAKS	Manual with overrun mechanical break
JAK	Four Drop Leg, anti-slip
WATERWAY	Steel or stainless steel with 2.5 inch male instantaneous coupling with inbuilt swing check valve
MONITOR CONNECTION	3, 4, 6 inch depending on flow required
MONITOR ROTATION & ELEVATION	-5 to +85 deg elevation with 360 deg rotation
APPROVAL	UL Listed or FM Approved Monitor
PAINTING	Red Epoxy painted <ul style="list-style-type: none"> <li>• Ordering information</li> <li>• Monitor model</li> <li>• Flow</li> <li>• Storage Tank capacity</li> <li>• Foam Concentrate model</li> <li>• Special accessories if any</li> </ul>

## DESCRIPTION

HD-Chetak series mobile foam trailer is designed to meet today's industrial firefighting need. The unit is used for fast flexible emergency fire-fighting response in industries. Trailer is having two-wheel or four-wheel pneumatic tyres, depending on load on the trailer. The unit can be easily manoeuvred by two persons or pulled behind by light truck or jeep. The trailer has four stabilizer legs.

The Chetak series of trailers are custom designed and manufactured to meet individual plant requirement. The trailer can be supplied in various combination of HD monitors with flow of 500 to 2,000 GPM and with or without concentrate storage tank. The monitor nozzle can be fixed-flow or variable flow type with self-inducting or with JRCP (Jet Ratio Controller Pump).

Foam induction percentage provided is 3% for AFFF 3% or ARAFF 3x3% Foam Concentrate. For any other foam model or induction percentage requirement, check with HD Sales Team.



Monitor Jet reach shall depend on monitor model chosen and appropriate monitor and monitor nozzle catalogue needs to be referred for details.

## KEY FEATURES

- Rugged 2 / 4 wheeled trailer with various capacities of foam storage tank and monitor model
- Easy manoeuvre ability by two persons or pulled behind light truck, tractor, or jeep
- 80, 100, or 150 mm (3", 4" or 6") monitor with or without foam concentrate storage tank
- Stainless steel foam concentrate storage tank 200 to 2000 litre capacity
- Over run and manual mechanical brake
- Low profile design for safety and stability
- Four stabilizer leg for added safety
- Trailer equipped with reflector Provision of manifold having 2.5" or 4" BSP male instantaneous connection with inbuilt swing check valve at rear side of trailer for water supply to monitor from hydrant network
- Non-skid deck
- Epoxy painted

Trailer comes with independent suspension axis. The frame is fabricated with heavy duty steel channel with cross members. The tyres are pneumatic radial tyres as rated to road carrying weight. Manual break with overload mechanical braking system is provided. Two Jack stands are provided in the front and two at rear, for use during monitor operation and parking. A barbed ground pad is attached to the foot of jack to increase surface area contact with ground for stable support during monitor operation. Chetak trailers are completely self-contained units, needing only inlet source of water for operation.  
Optional Accessories: Toolbox, Hoses with a hose box.

## INSPECTION AND MAINTENANCE

Ensure that trailers are visually inspected every month.

Just like any equipment, a well-maintained trailer will perform better and last longer than a neglected one. Routine monthly visual and operational maintenance is recommended.

The maintenance department must carry out routine jobs like lubricating moving parts and checking tyre pressure. Cleaning of trailers need to be carried out every month or as required to ensure smooth operation. The unit must be operated at least once in six months or as per local authority having jurisdiction.

## CAUTION

1. Never start water flow unless the four drop legs are lowered and having full ground support and locked. Apply hand break.
2. Water flow must be started gradually and similarly must be lowered gradually.
3. The trailer is to be used inside industrial premises. HD Fire does not provide any vehicle/trailer road transport approval, certification, or registration, if applicable then owner/ buyer is responsible to obtain the same from local authority having jurisdiction.

## NOTE ON FOAM CONCENTRATE:

When using AFFF or AR-AFFF type foam concentrate in the storage tank, it is recommended by HD Fire that a thin layer (approximately 1/4 inch) of a quality mineral oil be placed on the surface of the foam concentrate after filling the tank with the correct quantity. This alleviates the problem associated with evaporation of the foam concentrate.

The foam concentrate should be inspected periodically following any of these standards: NFPA 11, EN 13565-2, or any other relevant standards or as per authority having jurisdiction. For tanks containing mineral oil, special tools should be used during annual sampling exercise to make sure no oil is taken with the foam. Consult foam concentrate manufacturer.

## LIMITED WARRANTY

HD FIRE PROTECT PVT. LTD. hereby referred to as HD FIRE warrants to the original purchaser of the fire protection products manufactured by HD FIRE and to any other person to whom such equipment is transferred, that such products will be free from defect in material and workmanship under normal use and care, for two (2) years from the date of shipment by HD FIRE. Products or Components supplied or used by HD FIRE, but manufactured by others, are warranted only to the extent of the manufacturer's warranty. No warranty is given for product or components which have been subject to misuse, improper installation, corrosion, unauthorized repair, alteration or un-maintained. HD FIRE shall not be responsible for system design errors or improper installation or inaccurate or incomplete information supplied by buyer or buyer's representatives. HD FIRE will repair or replace defective material free of charge, which is returned to our factory, transportation charge prepaid, provided after our inspection the material is found to have been defective at the time of initial shipment from our works. HD FIRE shall not be liable for any incidental or consequential loss, damage or expense arising directly or indirectly from the use of the product including damages for injury to person, damages to property and penalties resulting from any products and components manufactured by HD FIRE. HD FIRE shall not be liable for any damages or labour charges or expense in making repair or adjustment to the product. HD FIRE shall not be liable for any damages or charges sustained in the adaptation or use of its engineering data & services. In no event shall HD Fire's product liability exceed an amount equal to the sale price. The foregoing warranty is exclusive and in lieu of all other warranties and representation whether expressed, implied, oral or written, including but not limited to, any implied warranties or merchantability or fitness for a particular purpose. All such other warranties and representations are hereby cancelled.

## NOTICE :

The equipment presented in this bulletin is to be installed in accordance with the latest publication standards of NFPA or other similar organisations and also with the provision of government codes or ordinances wherever applicable.

The information provided by us is to the best of our knowledge and belief, and consist of general guidelines only. Site handling and installation control is not in our scope. Hence we give no guarantee for result and take no liability for damages, loss or penalties whatsoever, resulting from our suggestion, information, recommendation or damages due to our product.

Product development is a continuous programme of HD FIRE PROTECT PVT. LTD. and hence the right to modify any specification without prior notice is reserved with the company.



**HD FIRE PROTECT PVT. LTD.**  
Protecting What Matters Most to You

D-6/2, ROAD NO. 34, WAGLE INDUSTRIAL ESTATE, THANE 400 604, INDIA.  
• TEL: + (91) 22 2158 2600 • FAX: +(91) 22 2158 2602  
• EMAIL: info@hdfire.com • WEB: www.hdfire.com