

# Firechief®

## FOAM MAKING EQUIPMENT

### MOBILE FOAM UNIT (MF-100 & MF-120)

- 100 or 120 LITERS CAPACITY
- EASY MOBILITY
- ONE-MAN OPERATION
- SUITABLE FOR ALL TYPES OF FOAMS
- ALTERNATIVE FITTINGS AVAILABLE

It is a very effective and convenient way of applying foam. The 'foam compound' is contained in the main tank, capacity being 100 or 120 liters. On the tank is also fitted 'foam inductor' which is connected to the 'foam tank' through a flexible pickup tube. Water, under pressure, is supplied to one end of the inductor where it sucks 'foam compound' from the tank. This mixture of water and foam leaves from the other end of the inductor and is carried, through fire hose, to the 'foam making branchpipe' fitted at the end. From here, the foam is discharged and blankets the fire. The unit is fitted on a small trolley which can be moved manually by one person.



یہ فوم بنانے کی ایک نئی مشین دکھائی گئی ہے جس میں فوم نیٹنگ کی گنجائش 100 یا 120 لیٹر ہے اس کے اوپر ایک انڈکٹر فٹ ہے جس کی پک اپ ٹیوب فوم کے ٹینک میں ڈوبی ہوتی ہے۔ انڈکٹر کے دونوں فرٹ پائپ فٹ کیا جاتا ہے۔ ایک طرف پریشر کے ساتھ پانی دیا جاتا ہے جبکہ دوسری طرف سے فوم میٹنگ برانچ پائپ کے راستہ فوم نکلتی ہے۔ یہ یونٹ ایک چھوٹی ٹرالی پر فٹ ہے جسے ایک آدمی ادھر ادھر لے جاسکتا ہے

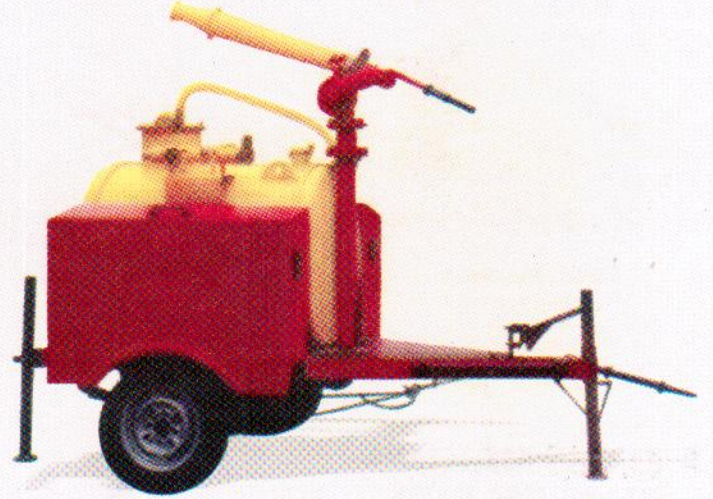
### SPECIFICATIONS (MF-100 & MF-120)

Foam tank construction: Fibre Glass  
 Foam tank capacity: 100/120 Liters  
 Foam compound type: Protein 3%  
 Foam inductor flow rate: 225 lit/min @ 7 bar  
 Foam branchpipe: 225 lit/min @ 7 bar  
 Foam throw: 16-20 m (52-65 ft) @ 7 bar (in Still air)  
 Service time (one fill): 15 minutes approx for MF-100 and 18 minutes approx for MF-120

### OTHER OPTION:

Foam tank of: Stainless Steel  
 Foam compound: AFFF or Fluoroprotein  
 Foam inductors flow rate: 450 lit/min  
 Foam branchpipe: 450 lit/min

### MOBILE FOAM UNIT (MF-450)



- 450 LITERS CAPACITY
- TRAILER MOUNTED
- SUITABLE FOR ALL TYPES OF FOAMS
- FITTED WITH MONITOR GUN
- STANDARD FITTINGS

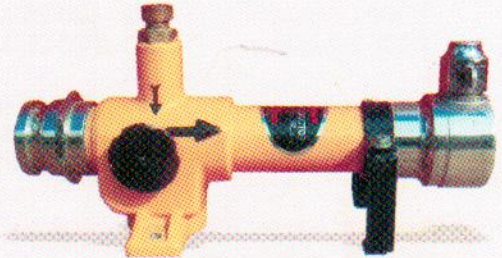
- FOAM MAKING BRANCH PIPE WITH PICK-UP TUBE, FB-225 (225 LITERS PER MINUTE) OR FB-450 (450 LITERS PER MINUTE)
- TWO WATER INLETS
- SPACE FOR CARRYING FIRE FIGHTING EQUIPMENT

### OPTIONS:

Unit with larger capacity available.

Unit can also be fitted with inductors and foam play pipe.

### INDUCTORS



Designed to give various outputs.

Model	Flow Rate at 7 Bars
IND-225	225 Liters/min
IND-450	450 Liters/min
IND-900	900 Liters/min



## ■ FOAM MONITORS

**Firechief** Foam monitors are manufactured with different specifications. From single barrel to double barrel with the option of water/foam.

Flowrate : 2000-10,000 liter/minute

Construction: Carbon steel or gunmetal or bronze or Stainless Steel.

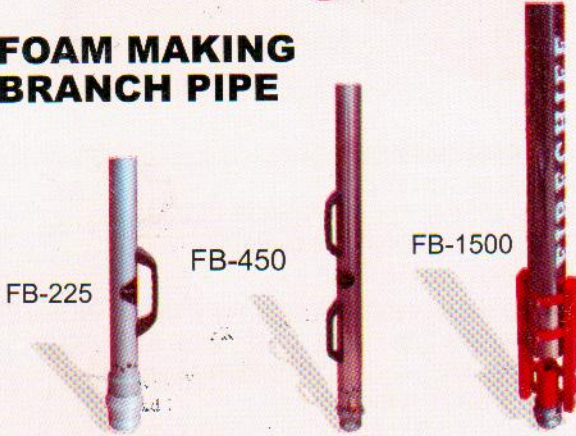


Foam Monitor  
Single Barrel



Foam Monitor  
Double Barrel

## ■ FOAM MAKING BRANCH PIPE



FB-225

FB-450

FB-1500

Various models are available with the option of pick up tube.

Model	Flow Rate at 7 bar	Foam Expansion	Throw Range 5-7 bar
FB-225	225 Liters/min	1:8/10	16-20 Meters
FB-450	450 Liters/min	1:8/10	17-21 Meters
FB-900	900 Liters/min	1:8/10	20-25 Meters
FB-900SS (Stainless steel)	900 Liters/min	1:8/10	20-25 Meters
FB-1000	1000 Liters/min	1:8/10	33-40 Meters
FB-1500	1500 Liters/min	1:8/10	38-45 Meters

Note: Throw range measured in still air condition

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## ■ FOAM TOP POURER

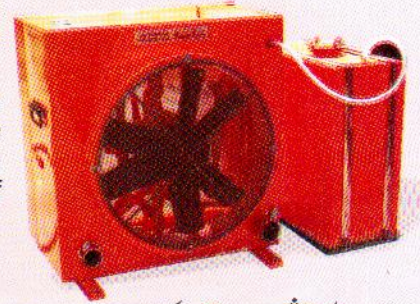


Used to fight fixed tank fires.

Model	Unit Des-ign	Nominal Flow @ 6 bar	Fixing Method	Expansion Ratio	Inlet	Outlet
FTP-225	Integral	255 LPM	Welding/Bolts	1:5 - 1:7	2"RF Flange	4"RF Flange
FTP-500	Integral	500 LPM	Welding/Bolts	1:5 - 1:7	3"RF Flange	6"RF Flange
FTP-1000	Integral	1000 LPM	Welding/Bolts	1:5 - 1:7	4"RF Flange	8"RF Flange
FTP-2000	Integral	2000 LPM	Welding/Bolts	1:5 - 1:7	4"RF Flange	8"RF Flange
FTP-3000	Integral	3000 LPM	Welding/Bolts	1:5 - 1:7	6"RF Flange	10"RF Flange

## HIGH EXPANSION FOAM/GENERATOR MODEL HEFG-7000

**Firechief** HEFG-7000 is a mechanical device for producing very large quantities of foam, upto 7000 Cft (200 m3) per minute. The machine is powered by a water-driven turbine (needs no electric power) and has built-in foam inductors. Water and foam supplies may be permanently connected or hooked at the time of emergency.



یہ ایک ایسی مشین ہے جس کی مدد سے بہت زیادہ مقدار میں فوم بنائی جاسکتی ہے (7000 کیوبک فٹ فی منٹ تک) پانی کے پریشر سے چلتی ہے اور اس کے لئے علیحدہ کسی موٹر یا انجن کی ضرورت نہیں۔ فوم انڈکٹر اسی میں فٹ ہوتا ہے۔ بڑے بڑے گوداموں اور کارگو شپڈ میں آگ بجھانے کے لئے انتہائی موثر ہے۔ اسے اٹھا کر بھی لے جاسکتے ہیں۔ یا مستقل طور پر بھی کسی جگہ نصب کر سکتے ہیں۔

By-Pass Control Position	Water Pressure (Bars)	Total Water Flow Lit/Min	Foam Product		Foam Expansion
			M3 / Min	Ft3 / Min	
Open	4	170	96	3390	1:560
	7	225	159	5615	1:700
	10	270	204	7200	1:750
Closed	4	150	82	2900	550
	7	200	140	4940	700
	10	240	192	6780	800

حسین حبیب کارپوریشن (پرائیویٹ) لمیٹڈ



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