



WATER/FOAM UNIT

Semiautomatic design

Semiautomatic equipment, properly designed to fill any portable extinguisher by a water/foam blend. Filling operation is carried out in two different steps, by means of two different filling heads (water and foam). Extinguisher handling between the two filling heads is a manual one and operator can shift the extinguisher by means of a loading pan which slides the extinguisher. Both filling heads positioning and water/foam transferring are automatic operations and they are made by operating proper pushbuttons. An electronic scale allows to preset any water/foam transferring weight: when the proper weight has been transferred, scale itself automatically stops the transfer phase.

Water/Foam unit is made of following main parts:

It consists of a steel painted frame fitted with following devices:

- Frame & work plan, fitted with an inox heads-holder column, ground-fixable
- Electronic scale, to both set and check any water/foam weight, equipped with:
 - Extinguisher loading inox pan, track-along slidable (manual handling)
 - Loading cell
 - Weight controllers, transfer stop devices (automatic ones, for both water and foam)
- Double filling head (water/foam), automatic vertical motion by pushbutton, equipped with:
 - Filling special devices, both valves and nozzles fitted
 - Solenoid valves (filling operation)
 - Pneumatic cylinders (handling operation)
- Foam sucking pump (submersible type)
- Electric control box
- Pipes and joints

TECHNICAL CHARACTERISTICS

- Electric wiring : to set on request
- Control circuit wiring : 24 V
- Water feeding pressure : 2 bar
- Compressed air feeding : 6 bar
- Foam : concentrated foam

OPTIONAL

- Water sucking pump (if no water direct feeding at disposal)
- Air compressor, 6 bar (if no compressed air feeding at disposal)
- Conveyor belt
- Matic Clamp – valves screwing equipment