



Mach 3

AUTOMATIC NOZZLES

- Safety for the branch operator
- Complies with EN 15182
- 12-year guarantee



Mach 3 AUTOMATIC BRANCHES

HIGH PERFORMANCE, ROBUST AND LIGHT WEIGHT

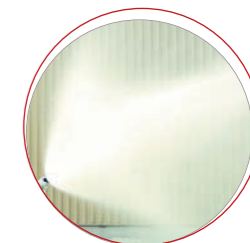
A single flow-rate control handle with six flows and closure

Very wide manoeuvring handle

- Touchpad (adjustable) marking the Flashover (or any other) position
- One click indicates the Flashover angle position

Rotating nozzle head

- Turning the head selects the shape of the stream and the wide calibre flush
- Unbreakable, flexible spray teeth. Maintenance unnecessary
- The teeth produce a powerful fog composed of very fine droplets to absorb heat and larger drops to give maximum range and penetration
- No turbine teeth: Hence avoiding flames being sucked in



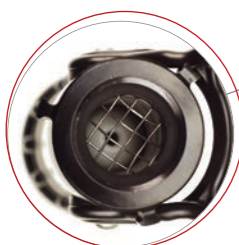
Low flow spray pattern

Rotating coupling

Ergonomic pistol grip: Insulates against the cold



Valve with sliding plug, enabling operator to select flow-rate while keeping perfect stream quality. Facilitates the use of the pulsing technique and reduces the water hammer effect



Grill to prevent large debris ingress



Optional articulated joint: improves handleability and operator safety

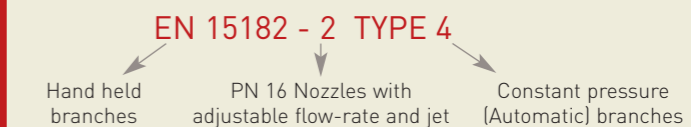


All couplings available

The pluses that make the difference

- Mach 3 automatic nozzles are equipped with a pressure regulation system:
 - Optimal flow-rate at all times
 - Relatively constant range
 - Safety for the nozzle operator in the event of any pressure variation
- Single handle for closing nozzle and adjusting flow-rate:
 - Instantaneous reflex action
 - Ideal for pulsing
- Exceptionally lightweight and compact.
- The choice of materials (hard anodised aluminium, stainless steel, rubber) and the precision machining of the nozzle ensure durability, together with very minimal maintenance.
- 12-year guarantee

Mach 3 nozzles comply with the EN 15182 standard:



NB: The Ultimatic F07 also complies with the EN 15182-4 Type 4 standard and can be used at high pressure up to 40 bar.



MACH 3 DUAL PRESSURE BRANCHES

Dual pressure adjustment to keep an effective flow-rate and range at low pressure.
Change from standard pressure (6 bar) to low pressure (3 bar) simply by turning the front wheel a quarter turn.



6 BAR
Standard pressure



3 BAR
Low pressure



MIDFORCE

100 to 600 l/min
 3 and 6 bar • Weight: 2,75 kg
Ref: I11.21.200 - 1,5" BSP F
Ref: I11.21.203 - BS 336 Inst.



DUOJET PP

200 to 950 l/min
 3 and 6 bar • Weight: 3,8 kg
Ref: I11.21.001 - 2,5" BSP F
Ref: I11.21.002 - BS 336 Inst.



DUOJET PA

200 to 950 l/min
 3 and 6 bar • Weight: 4,9 kg
Ref: I11.21.003 - 2,5" BSP F
Ref: I11.21.004 - BS 336 Inst.

SPECIAL NOZZLES

Branches for CAFS systems



CAFSFORCE

CAFSFORCE gives optimum range for foam and also has a position for water operations.
 265 to 750 l/min • 3 bar
 Storz C • Weight: 3 kg
Ref: I11.50.001



DOUBLE AGENT

Comprising an Ultimatic automatic branch and a dry chemical nozzle. The nozzles are very manoeuvrable either separate or simultaneous.
 Flow-rate: 40 to 500 l/min - 7 bar
 Dry chemical: 1,5 - 2,5 and 5 kg/sec - 17 bar
 Inlet : 1" BSP female • Weight: 2,2 kg
Double agent monitor – Ref: I11.22.008
Powder nozzle only – Ref: I11.22.005



FLIP TIP BRANCHES



Branches with 2 positions:
 1 G-Force automatic tip
 + 1 rear smoothbore for a hard hitting straight jet.
 Flow rate: 100 to 1000 l/min
 Pressure: 6 bar
 Inlet: 1.5" BSP F
 or BS 336 inst.
 Weight: 3.2 kg
Ref: Please consult us



Mach 3

**PROVEN TECHNOLOGY
IN THE SERVICE
OF FIGHTING FIRE**

EN 15182-2 Type 4 COMPLIANT
12-YEAR GUARANTEE



MACH 3 AUTOMATIC BRANCHES

MODEL	FLOW-RATE	PRESSURE	INLET	WEIGHT	REFERENCE	BS 336 INST.
ULTIMATIC FO6 ULTIMATIC FO6 MN*	60 to 400 l/min	6 bar	1,5" BSP F	1,6 kg	I11.20.207 I11.20.010	I11.20.209 I11.20.076
ULTIMATIC FO7	50 to 220 l/min	7 bar	3/4" BSP F	1,4 kg	I11.20.203	•
	40 to 500 l/min		1" BSP F	1,4 kg	I11.20.204	•
			1,5" BSP F	1,6 kg	I11.20.201	I11.20.206
ULTIMATIC FO7 AA*	40 to 500 l/min		1,5" BSP F	1,8 kg	I11.20.070	I11.20.077
ULTIMATIC FO4	40 to 400 l/min	4 bar	1,5" BSP F	1,6 kg	I11.20.200	I11.20.212
ULTIMATIC FO10	40 to 220 l/min	10 bar	1" BSP F	1,4 kg	I11.20.128	•
MIDMATIC FO6 MIDMATIC FO6 MN*	100 to 600 l/min	6 bar	1,5" BSP F	2,7 kg	I11.20.213 I11.20.217	I11.20.219 I11.20.222
JETMATIC	200 to 950 l/min	6 bar	2,5" BSP F	Mod. PP: 3,8 kg	I11.20.021	I11.20.053
				Mod. PA: 4,8 kg	I11.20.031	I11.20.054

* Special models:

MN = With removable lock before straight stream and flush position **AA** = With removable flow-rate lock



ULTIMATIC



MIDMATIC



JETMATIC PP



JETMATIC PA



ALL COUPLINGS AVAILABLE



AA LOCKING SYSTEM



MN LOCKING SYSTEM



POLYFOAM ADAPTORS

To produce **top quality foam**
from all types of foam compounds and additives



Polyfoam BF
Ultimatic / Jetmatic



Polyfoam BF
Midmatic / Midforce



Polyfoam MF
Ultimatic / Midmatic

	Polyfoam BF: Low expansion (4 to 12)			Polyfoam MF: Multi (low and medium) expansion (4 to 60)		
ADAPTOR FOR BRANCH	Ultimatic	Midmatic Midforce	Jetmatic Duojet	Ultimatic	Midmatic Midforce	Jetmatic Duojet
REFERENCE	I11.80.116	I11.80.130	I11.80.117	I11.80.118	I11.80.131	I11.80.119
WEIGHT (gr)	400	1300	900	1400	1300	1500
DIMENSIONS (mm)	100 x L170	150 x L520	130 x L220	200 x L380	200 x L380	270 x L400

ARTICULATED JOINT

Improves branch handling and operator safety through better ergonomic design

- Easy to move the branch, free of the rigidity of the hose line
- Ideal in cases where there is a risk of Flashover (O, Z or T attack)

For Ultimatic: **Ref P900-B** - 1,5" BSP F - **Ref P902-B** - BS 336 Inst. - **Ref P901-B** - 1" BSP F

For Midmatic and Midforce: **Ref P900-HM** - 1,5" BSP F - **Ref P902-HM** - BS 336 Inst.



SHO-FLOW

Portable electronic flow-rate indicator for hand held branch.

- Alternate display of flow-rate and pressure
- Audible alert when flow-rate reaches minimum/maximum
- Precision: ± 0.5 bar/ ± 40 l/min.

Couplings referenced: 1,5" BSP F inlet /1,5" BSP M outlet or BS 336 Inst.

- **Flow-rate:** 100 to 475 l/min - **Ref: I13.30.025** (BSP) or **Ref: I13.30.032** (Inst.)
- **Flow-rate:** 175 to 750 l/min - **Ref: I13.30.026** (BSP) or **Ref: I13.30.036** (Inst.)
- **Flow-rate:** 250 to 1100 l/min - **Ref: I13.30.027** (BSP) or **Ref: I13.30.037** (Inst.)

INTERCHANGEABLE PISTOL GRIPS & FLOW HANDLES

Make it easy to **identify branches** after operation



MODEL	Yellow	Blue	Red	Orange	White	Black	Green
Pistol grip	HM692-YEL-Kit	HM692-BLU-Kit	HM692-RED-Kit	HM692-ORG-Kit	HM692-WHT-Kit	HM692-BLK-Kit	HM692-GRN-Kit
Flow handle	HM925-YEL-Kit	HM925-BLU-Kit	HM925-RED-Kit	HM925-ORG-Kit	HM925-WHT-Kit	HM925-BLK-Kit	HM925-GRN-Kit

The weight of the products are indicated more or less 200 gr.

Our policy is to constantly seek to improve our products. We therefore reserve the right to change their technical specifications at any time and without prior notice.



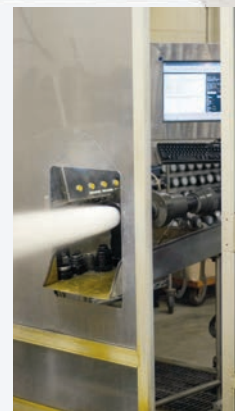
LEADER

RESEARCH AND DEVELOPMENT

A creative but meticulous Design Department to develop the equipment you will need tomorrow.



- > A **multidisciplinary design staff** to develop and produce innovative equipment to meet the **needs of the profession**.
- > Design work carried out in **partnership** with **well-known fire brigades, industries, universities and research laboratories**.
- > **Testing equipment** specifically adapted to the needs of product development and **performance validation**:
 - Water and high expansion foam test installation (400m²)
 - Ventilation test installation (400m²)

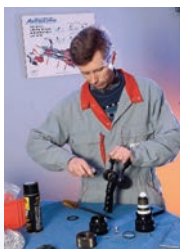


MANUFACTURE



- > **Specialised production workshops**.
- > A **continuous improvement** organization whose purpose is to guarantee customer satisfaction through **control of product conformity**.

AFTER-SALES SERVICE



- > A **permanent stock** of spare parts enabling to carry out **rapid repair work**.
- > A team to **advise** you on **setting up and using** your equipment.
- > A **telephone help line +33 (0)2.35.11.70.30**

TRAINING

- > Can be **organised to suit your needs**. Our **training courses** enable you to maintain your equipment in a **safe state for use**.



LEADER
 Aujourd'hui les techniques du futur





always in touch with our clients
to design the **products you will need in the future**

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