



SMALL AND NIMBLE - FOR RAPID INITIAL ATTACK



▶ For successful initial attack you need an extinguishing system which enables you to get fast to the fire before the fire can unfold its dynamic. For fire fighting in narrow city centers and in large buildings, there is a need for extinguishing systems which are small, flexible and fast to carry the firefighter to the site of the fire past any obstacle with sufficient initial attack power.

Quick and nimble IFEX solutions as initial attack tools - with 1 liter impulse gun, water tank and air cylinder they are in operation as motorcycles, scooters, all terrain vehicles or electromobiles. They protect Italian highways as reliably as Indonesian shopping malls, European airports and Japanese city centers.

IFEX MOTORCYCLES

The IFEX fire protection motorbikes have been developed as special solution for rapid initial attack in urban areas where normal fire engines have difficulties with traffic. Today they are used for multiple purposes where flexibility and mobility of the fire extinguishing vehicle is required, for fighting a fire in its early stages. The IFEX 13 liter backpack with the 1 liter impulse gun is mounted on the motorbike with a specially designed bracket. While driving, the complete bracket can be folded to improve the motorbike's road-holding.



water / agent tank capacity	13 liter
air cylinder	2 liter, 300 bar
pressure water / air	6 / 25 bar
pressure regulator	300 / 25 / 6 bar
min/max agent per impulse shot	0.25 / 1.0 liter
velocity (at muzzle)	120 m/sec
maximum shot length	16 meters
width of spray	3 meters
droplet size	2 to 200 micron

IFEX ALL TERRAIN VEHICLES

The IFEX solution for fire fighting in inaccessible terrain are the specially designed IFEX all terrain vehicles. The ATVs currently in use by the fire brigade in Cairo, Egypt are based on the Honda FourTrax Foreman motorcycle and carry a 50 liter watertank plus a 55 meter hose reel with impulse gun mounted on top. Where high flexibility is required the ATVs increase the firefighter's versatility and enable him to reach the site of the fire speedily regardless of terrain conditions.



type	Honda Foretrax Foreman
motor	395 cc air cooled single cylinder 4-stroke
water/agent tank capacity	50 liter
air cylinder	2 liter, 300 bar
pressure water / air	6 / 25 bar
pressure regulator	300 / 25 / 6 bar
min/max agent per impulse shot	0.25 / 1.0 liter
velocity (at muzzle)	120 m/sec
maximum shot length	16 meters
width of spray	3 meters
average droplet size	2 to 200 micron
hose reel	55 m coaxial hose
shots	50 x 1.0 liter

IFEX ELECTROMOBILES

Airports, shopping malls, hospitals and other large buildings with public access have special requirements to an effective extinguishing system: it has to be highly mobile, small and nimble, and the power source must be designed in compliance with fire protection regulations. Here the IFEX electromobiles are the tailor-made solution: the 2,5 KW electromotor takes the complete initial attack equipment - 50 liter water tank, air cylinder, hose reel and impulse gun - with up to 30 km/h to the site of the fire.



rating	2,5 KW continuous duty
batteries	6 x 6 volt
length x width x height	2667 x 1124 x 1160 mm
weight with batteries	525 kg
max. speed	30 km/h
water tank capacity	50 litres
air cylinders	6 litre, 200 bar
pressure regulator	33 / 25 / 6 bar
working pressure water tank	6 bar
working pressure impulse gun	25 bar
effective fire extinguishing distance	1 to 10 metres
coaxial hose length	55 metres



IFEX
TECHNOLOGIES

INITIAL ATTACK POWER