THE WORLD'S RICHEST ARABS • SAUDI CHIC

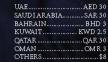
APRIL 2016 ISSUE 46 =

Handle East Carlo Carlo

STARBUCKS'
HOWARD SCHULTZ

TURNING HIS COFFEEHOUSE INTO AMERICA'S TOWN HALL

BILLIONAIRES







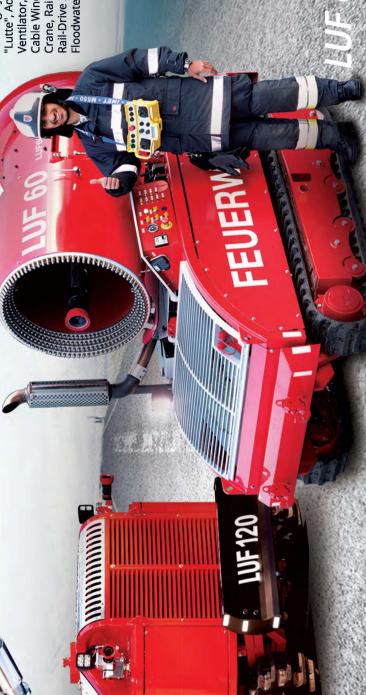
controlled fire fighting support machine World's FIRST and only wireless remote



- Tracked Vehicle
- range up to 300 m operated radio remote control

- total 12000 ltr /min 2X6000 ltr /min Water pump -
- . 350° rotatable monitor
- Main monitor 18000 tr/min
- Jet nozzles, jet stream
 - - & spray stream

- LUF 60™, a wireless mobile firefighting remote controlled machine
- ange upto 300 meters. Radio remote control
- Flow rate step less 400-3000 lt./min. adjustable from
 - · Stair way & ramp climbing: 30°
- "Lutte", Additional Hydraulic, Forklift, Rail-Drive System, Floodwater Pump Cable Winch, Mini Ventilator, Trailer Carrier Box, Air **Ducting System** Crane, Rail Kit, Monitor, Foam Tubes, 3-Point equipments · Additional available -



Fighting Fire With Innovation

The LUF 120 and LUF 60 are remotely-operated fire-fighting support machines, made to reach an emergency before fire fighters arrive to clear a safe path for them. Complete with a number of features and capabilities, they are highly flexible and designed to save lives.



The LUF 120 is one of a kind in the region, built for large fires. It operates in even the most difficult of circumstances. The 350° rotating and $+20^{\circ}$ till $+80^{\circ}$ vertical adjustable main monitor enables the unit to get a situation under control so that the rescue teams can follow safely right up to the seat of fire. High mobility as well as flexibility is guaranteed by a crawler track system, which is easy capable of "bulldozing" a moveable barrier out of the way. All components are accessible and maintenance-friendly and the construction of the machine allows operations at extreme heat and low oxygen of the ambient air.

The LUF 60 incorporates a high-capacity positive pressure ventilator and a "water beam" fog to clear the path for advancement up to a distance of 300m. It clears away smoke, heat, toxic gases and reduces fire intensity—a fire test in an Austrian tunnel recorded that the temperature beneath the ceiling was lowered from more than 1,000°C to 150°C within approximately five minutes by using the LUF60. A crawler track system enables it to go up and down stairways as steep as 30° and state-of-the-art control elements enable easy handling and high-precision. The radio-controlled unit has additional back-up manual controls in the event of a power supply failure.

What makes the new machines so unique?

Unlike other machines they are wireless, with an unmatched capacity of 3,000 liters/min for the LUF 60 and 12,000 liters/min for the LUF 120, with a throwing range of 80-100 meters. Both systems operate at a range of 300 meters with all functions controlled by a remote control unit.

Their compactness, tremendous power, flexibility, mobility and safety make them a game changer in big fire scenarios. The idea of controlling and extinguishing a fire from a distance of 300 meters wirelessly and thereby safeguarding the precious lives of firefighters makes them exceptional. Usually the features of the LUF 120 exist only on 40 ton trucks with four axles.

What type of applications are they ideal for?

LUF's are popular all over the world and are a must where high-value assets are involved. They are perfect for tunnels and metros where it is difficult for conventional firefighting systems to reach, and they can be used in chemical plants, industrial buildings, refineries, petrochemical plants, power stations, seaports, airports and other facilities.