



SIEX

MOBILE EXTINGUISHING SYSTEM

with DRY CHEMICAL POWDER
STORED PRESSURE

WHEELED EXTINGUISHERS

SIEXTM IND-WH

**LARGE-SCALE
PROTECTION**

THE MOST ADVANCED TECHNOLOGY FOR PROTECTING SPECIAL HAZARDS



For special uses where manual intervention with flexible application equipment is necessary, SIEX wheeled extinguishers dry chemical extinguishers are an effective option.

SIEX™ IND-WH systems incorporate a larger charge than a portable extinguisher agent, while maintaining manageability and portability thanks to their mounting on a wheeled hand cart, which can be handled by a single operator.

They also make it easier to fight medium-sized fires with the flexibility in use that fixed installations lack, such as **activities that change location or if there is uncertainty about where a fire may start**. At the same time, they allow use of just the necessary dry chemical on the affected area, avoiding unnecessary cleaning tasks and costs for the agent.

APPLICATIONS

These manually-activated systems combine dry chemical performance, high extinguisher capacity and fast flame suppression with the larger storage capacity and manageability of a hand cart with stored pressure, ready for us.

Its main use is fighting **medium-sized and large fires**, mainly originating from **industrial or storage facilities**. With the proper choice of cylinder size and dry chemical used, the range of applications is vast:

- *LIQUID FUEL STORAGE AREAS*
- *CHEMICAL PLANTS OR REAGENT WAREHOUSES*
- *LABORATORIES*
- *REFINERIES*
- *OIL & GAS*
- *MANUFACTURING AREAS AND PRODUCTION LINES*
- *CONSTRUCTION AND CIVIL ENGINEERING*
- *OFFSHORE PLATFORMS*
- *PAINT BOOTHS*
- *FOUNDRIES, STEELWORKS*
- *FIRE STATIONS*
- *MILITARY APPLICATIONS*
- *VEHICLE WORKSHOPS AND SERVICE AREAS*
- *CAR RACE TRACKS*
- *ETC.*



COMPONENTS

CYLINDERS

Available in various sizes **from 88 to 308 lb fill (40-140 kg)**. With the necessary pressure for discharge, making the system completely self-contained. Including all the necessary fittings for immediate service, including quick release valve, pressure gauge and manual release. Easy maintenance, as well as handling and use by a single operator.

There are **two ranges: with pressures of 220 and 360 psi (15 and 25 bar)**, for greater versatility. Range is greater at 360 psi (25 bar), with more pressure at the nozzle, allowing the user to operate it farther from the flames.

HAND CART

Fitted with a handle and wheels to make movement nimble and quick over any terrain, avoiding obstacles or uneven ground without the need for the operator to apply great force, meaning it can be ready for use just when you need it.

HOSE

Incorporating a hose collection device to avoid bending and make extension easy. As every second counts, rapid hose extension and retraction is of great importance to speed manual actuation.

NOZZLES

Including a special valve for manual discharge control, connected to the end nozzle, available in **aluminium, brass or stainless steel** and in two sizes: **3/4"** and **1"**, to suit the discharge ratio.

Their versatility and flexibility in configuration also means that these systems can be ADAPTED TO THE NEEDS of any project. To meet our customers' most demanding expectations, SLEX provides this top-quality, highly effective product to provide extraordinary safety in firefighting.

The various agents provided by SIEX expand the range of possible applications: from traditional uses for solid, liquid and electrical fires to miscellaneous uses or metal fires (Class D). Each fire is different, so the agent to be used needs to be adapted to that hazard too. Aware of this, SIEX provides the widest variety of types:

ABC DRY CHEMICAL

Composed of **mono ammonium phosphate**. The active ingredient is mixed with ammonium sulfate and additives to improve its physical characteristics and make it resistant to moisture from the environment.

Suitable for class A (combustible solids), class B (combustible liquids) and class C (flammable gases) fires.

BC DRY CHEMICAL

It consists of **sodium and potassium bicarbonates**, a very effective agent for type B fires. It is used for class B and C fires such as oils, gasoline, grease, paints, lacquers, natural gas, generators and transformers.

Compatible with the use of foams.

D DRY CHEMICAL

It is a compound of **inert salts** (different chemical composition depending on the hazard). It is the only suitable extinguishing agent to fight metal fires fuels (D type), such as aluminum, titanium, lithium or magnesium in use industrial machining, etc.

It is a fine, white powder that flows easily.

EXTINGUISHING AGENT

The main components of the dry chemical powder (e.g. sodium bicarbonate, sodium, potassium bicarbonate) mixed with the most advanced additives **improves its storage, flow and water repellent properties**, leading to greater firefighting efficiency.

- ✓ Not caking
- ✓ Best flow
- ✓ Hydrophobe
- ✓ Best discharge

BENEFITS OF USE

TRANSPORTABLE



The compact, heavy duty design of SIEX's wheeled fire extinguishers greatly facilitates the transport of the equipment, meaning it can be positioned quickly, at the right time, by a single person in the place needed to cover protection of the hazard in question, depending on each project need.

STORED PRESSURE OR CARTRIDGE OPERATED SYSTEMS



The cylinders are provided with an adjacent nitrogen tank or by storing the propellant in the same container as the dry chemical. In any case, the system offered is self-contained and compact, with no external components to increase weight or hinder manoeuvrability. The drive used is inexpensive, very stable and easily replaced.

FULLY SELF-CONTAINED



These devices do not require electrical power for their operation, the operator responsible for using it simply has to move the equipment to where it is needed, release it using the manual actuator and the system will start.

EASY TO USE



The design of these systems means a single operator can use it for fighting a fire effectively, safely and autonomously, directing the agent into the most appropriate part of the fire at all times as the fire develops.

TOTAL FLEXIBILITY OF THE SYSTEM



The wide variety of storage sizes of this SIEX-developed product allows the designer to customise each system based on the requirements of each project.

PROTECTION OF MULTIPLE HAZARDS



The use of wheeled manual dry chemical extinguishers means that a single appliance can cover several hazards, so reducing fire protection costs without compromising the safety of the protected facilities.

EXTREMELY SAFE



The ease of positioning the equipment, along with its ease of use, give maximum operator safety, as you can attack the fire from a safe position with the highest fire extinguishing performance.

WARRANTY AND DURABILITY OF THE EQUIPMENT



The heavy duty design and high quality finishes applied to our wheeled dry chemical extinguishers ensure extended durability of these appliances, even when they are continually exposed to the elements or to bad weather.

MAXIMUM RANGE RADIUS



The two available discharge pressures of 220 and 360 psi (15 and 25 bar), as well as different hose lengths, allow for maximum range, with minimal pressure loss and optimal flow rate.

HEAVY DUTY AND CORROSION RESISTANT



Manufactured with materials and finishes resistant not only to adverse weather conditions, but also to corrosion: tested at high pressures, the system provides maximum resistance and durability.

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