

# THE GRADALL FA AT WORK

# GRADALL® FIRE APPARATUS FA

## FIRE VENTILATION

The piercing nozzle provides danger-free ventilation and creates rapid entry channels into structures, maximizing firefighter safety while extinguishing fires faster to minimize environmental damage. The boom's 220-degree tilt capability, along with the strength of the piercing nozzle, can ventilate through solids such as brick and concrete structures.

## FIRE SUPPRESSION

A Gradall exclusive, the U.S. patented 5th Man Fire Suppression Apparatus can deliver up to 1,500 gallons per minute (5,600 l/min) at 120 psi. A 50-foot (15 m) wide broken spray water curtain extinguishes fires upon contact.

## FOAM APPLICATION

With 50 individual nozzle ports, the piercing head can efficiently apply a wide curtain of foam to attack chemical fires. Class A and B foams are available.

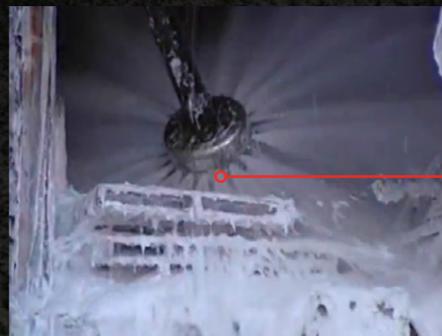
## LIFTING CAPABILITY

The telescoping boom, when combined with an optional lifting eye, has a crane-type ability to remove obstructive debris weighing up to 6,100 pounds (2,767 kg). Or, a basket can be affixed to evacuate trapped people.

## CONTROLLED DEMOLITION

A pounding action, created by the boom and 5th Man fire head, enables a controlled approach to demolish structures that have been heavily damaged by fire. The boom and 5th Man fire head are designed with the ability to attack most types of structures including concrete block.

**A NEW STANDARD IN  
HIGH PERFORMANCE  
FIREFIGHTING SUPPRESSION**



### How the Gradall FA launches a global revolution in Strategic Emergency Response Vehicles

- Rescue
- Fire suppression
- Foam application
- Ventilation
- Controlled demolition
- Lifting

# THE **GRADALL** FA SYSTEM

## GIVING FIREFIGHTERS THE TOOL THEY DESERVE

The Gradall FA System with the patented 5th Man fire head, telescoping boom and rapid deployment outriggers, effectively combine with existing truck chassis providing fire departments with an innovative fire suppression tool.

The result is a new breed of emergency response vehicles capable of state-of-the-art fire suppression excelling on sites involving new building materials and designs. With the Gradall FA apparatus, firefighters can launch a technical assault on hostile fires with optimum efficiency and improved safety.

The FA System is uniquely effective, addressing tasks such as venting roofs and sidewalls or reaching into the heart of hazardous fires, all while avoiding unnecessary personnel risks.

Gradall Industries invites inquiries from established firefighting vehicle manufacturers and from fire departments that want to explore this revolutionary concept.



### PIERCING HEAD

The Gradall FA with a 5th Man Fire Head is designed to deliver a broken stream of water 50 feet in diameter, blasting through 50 nozzles into the heart of the fire. The hardened stainless steel piercing head at the end of the rugged boom can also be used to penetrate walls, roofs and concrete structures, in addition to doors and windows.



### RUGGED BOOM DESIGN

The triangular boom, world renowned for its strength in design with metal mill furnace maintenance, allows the Gradall FA to deliver the 5th Man suppression apparatus to the source of the fire. Telescoping straight out, the boom can swing left or right while rotating 110 degrees adding approach flexibility.



### STABILIZERS PROVIDE A FIRM FOOTING

The rugged Gradall FA structure is integrated into the chassis design using four outriggers giving strength and stability while creating a solid platform for vigorous firefighting. With wireless remote control, device outriggers telescope out and then down onto pavement or uneven terrain. Stabilizers can be positioned independently or all at the same time, providing short-jacking capability in close quarters.



### WIRELESS REMOTE CONTROL

Using our wireless remote control device, firefighters can safely engage fires from a distance of over 200 feet. Switch and joystick controls are used to telescope and tilt the boom and piercing head to demolish obstructions and then direct a curtain of water or foam.



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