

## FIRE RANGER

## FIRE – SERIES

**SF-240 SF-280 SF-320**

*SF240 mounted on Scania 94D 260 chassis*



- ◆ Fully hydraulic proportional controls
- ◆ Self-centring joystick controls
- ◆ Up and over reach facility
- ◆ Dual control position
- ◆ Rotating cage and narrow jacking options

### CONTROL WITH PRECISION AND SAFETY

- ◆ Full Hydraulic control assures smoothness of movement and reliability unequalled by any other system.
- ◆ The cage and boom controls are simple, clearly marked and operate in the natural sense.
- ◆ Movements can be carried out with precision in all 3 planes – simultaneously if desired. The speed of operation is controlled directly and progressively by the control levers – small movements with exactness, large movements with safely controlled speed.
- ◆ It is impossible to exceed safe working limits as automatic safety stops close the control valves at the limits of boom movement – bringing the movement gently to a halt without shock loads to boom or discomfort to occupants.
- ◆ Restrictor valves in the boom cylinders control the maximum rate of descent to safe speeds.
- ◆ Hydraulic lock valves are integral with main boom cylinders for protection against accidental damage. They give completely “fail-safe” characteristics – even if the hydraulic pipe should be severed, the boom affected will stay safely in position.



***Pinpoint Accuracy – Safe & Effective Fire Fighting***

- ◆ A second set of controls is provided at the turntable – which can override the cage controls in an emergency, but are still subject to the automatic safety stops.
- ◆ An interlock prevents operation of the booms or rotation until all four jacks are firmly in position – and the jacks cannot be retracted until the booms are stowed for transit

***Superb cage access at ground level with fold-down front platform for stretcher & wheelchair rescue with room for 5 adults. Rescue only possible with up and over feature***



**Designed to meet and exceed all International standards**

**FAILSAFE, FAST & FIRM**

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## **FIRE RANGER** FIRE – SERIES **SF-240 SF-280 SF-320**



**SF280 on Mercedes 3343 ready for custom fire engineering bodywork and fixed pump installation**

- ◆ Heavy duty construction
- ◆ Dual levelling rods for double safety
- ◆ 4 stabilising jacks
- ◆ Cage land knuckle lifting eyes
- ◆ Painted White
- ◆ 360 degrees continuous rotation
- ◆ **Options : Consult factory on all options**
- ◆ Amplifier Intercom
- ◆ Remote monitors with 2240, 3000 and 3800 litre capacities
- ◆ Cageless Water Tower with 3800l monitors & breaker systems
- ◆ 110V @ cage
- ◆ Breathing air systems
- ◆ Jack warning lights & Cab beacons
- ◆ Diesel Standby engine
- ◆ Full spares kit 1, 3 or 5 years operation
- ◆ Mount at Destination package (export only)

**SF320 on Volvo FL12**



**Third boom allows "up and over" feature giving full flexibility to fire-fighters in stressful operations**



**Large high strength tubular alloy cage with full hydraulic controls located at cage front, spot light, 24v electric take off point, water monitor and water hose connection(s)**

### **SPECIFICATIONS**

RANGER Model Code	SF-240	SF-280	SF-320
Working height	24.0m	28.3m	32.0m
Platform height	22.0m	26.3m	30.0m
Maximum outreach	13.09m	15.16m	16.25m
Maximum safe working load	500kg	365kg	365kg
Cage Lifting Eye	500kg	365kg	365kg
GVW minimum - typical	16.00 tonnes	16.50 tonnes	19.00 tonnes
Wheelbase	4500mm (mean)	5000mm (mean)	5500mm (mean)
Stabiliser spread	4.88m	4.88m	4.88m
Length	9,400mm	11,660mm	13,560mm
Width	2,440mm	2,440mm	2,440mm
Height (subject to truck details)	3,520mm	3,520mm	3,520mm

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