



**DESCRIPTION** 

The SP16, SP23, SP30, and SP40 Rescue Jump Cushions are engineered for stability, ensuring utmost safety with controlled landings and quick recovery times. Easily portable, they offer extended service periods and are equipped with relief valves for overpressure prevention, ensuring optimal performance and safety at all times.

## Key Features

- Swift and Efficient Deployment: Minimises rescue response time, aiding in time-sensitive situations.
- **Stability Engineering**: These jump cushions are specially engineered to provide exceptional stability, minimising bounce-back and ensuring the highest level of safety during rescue operations.
- **Controlled Deformation:** Designed to deform towards the centre, the cushions offer controlled landings, reducing the risk of injuries to both the jumper and the rescue team.
- Controlled Landings: Deforms towards the centre to prevent injuries during rescues.
- Quick Recovery: With a rapid recovery time of of 10-20 seconds, these jump cushions enable swift and efficient interventions, allowing for faster rescue operations. Ensures seamless and rapid consecutive rescues.
- **Easy Portability:** The jump cushions are highly portable and can be effortlessly transported, whether in a packed or inflated state, ensuring quick deployment to any rescue site.
- **Extended Service Periods:** Enjoy extended service periods without the need for frequent topping-up, making these cushions highly reliable assets during critical rescue situations.
- Relief Valve Equipped / Overpressure Prevention: Equipped with relief valves, the cushions prevent overpressure, guaranteeing optimal performance and maintaining safety at all times.
- High Visibility Compliance: Meets DIN 14151, 1-3 standards, ensuring a certified level of safety and performance.

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## I.C.Brindle & Co Ltd - Technical Data



## **Specification**

• Designed for minimising rescue response time, facilitating swift interventions in time-sensitive situations.

• Engineered with special focus on stability to ensure a higher level of safety during rescue operations by minimising bounce-back.

• Carefully designed to deform towards the centre, providing controlled landings and reducing the risk of injuries to jumpers and rescue teams.

- Rapid recovery time of 10-20 seconds enables seamless and efficient consecutive rescues.
- Highly portable, allowing effortless transportation in both packed and inflated states, ensuring quick deployment to any rescue site.

• Eliminating the need for frequent topping-up, making them dependable assets during critical rescue situations.

• Equipped with relief valves to prevent overpressure, ensuring optimal performance and safety at all times.

• Complies with DIN 14151, 1-3 standards, certifying the product's high visibility and adherence to safety requirements.

|                 | SP 16                             | SP 23                  | SP30                    | SP 40                    |
|-----------------|-----------------------------------|------------------------|-------------------------|--------------------------|
| L x B x Ht      | 3.5 x 3.5 x 1.7 m                 | 4.5 x 4.5 x 2.3 m      | 5.7 x 5.7 x 2.5m        | 8.5 x 8.5 x 3.7 m        |
| Ground required | 3.8 x 3.8 m                       | 4.9 x 4.9 m            | 6.1 x 6.1m              | 9 x 9 m                  |
| Deployment      | 2 persons / 30 secs.              | 4 persons / 60 secs.   | 4 persons / 60<br>secs. | 4 persons / 120<br>secs. |
| Max Jump        | 16 m                              | 23 m                   | 30m                     | 40 m                     |
| Recovery time   | 10 seconds                        | 20 seconds             | 20 seconds              | 20 seconds               |
| Inflation       | 1x 6L / 300 bar cyl.              | 1x 8L / 300 bar cyl    | 2 x 6L / 300 bar cyl.   | 5x 6L / 300 bar cyl.     |
| Connection      | As brigade standard air cylinder. |                        |                         |                          |
| Weight          | 55 kg (with cyl)                  | 80 kg (with cyl)       | 120 kg (with cyls)      | 250 kg (with cyls)       |
| Packed          | 900 x 550 x 300 mm                | 1250 x 650 x 500<br>mm | 1550 x 750 x<br>550mm   | 1700 x 950 x<br>750 mm   |
| Compliance      | DIN 14151, 1-3                    |                        |                         |                          |

## **Technical Information**



