

Tactical Parachute System



SWORD-1
Advanced Ram Air Parachute



TACTICAL PARACHUTE SYSTEM

Introduction

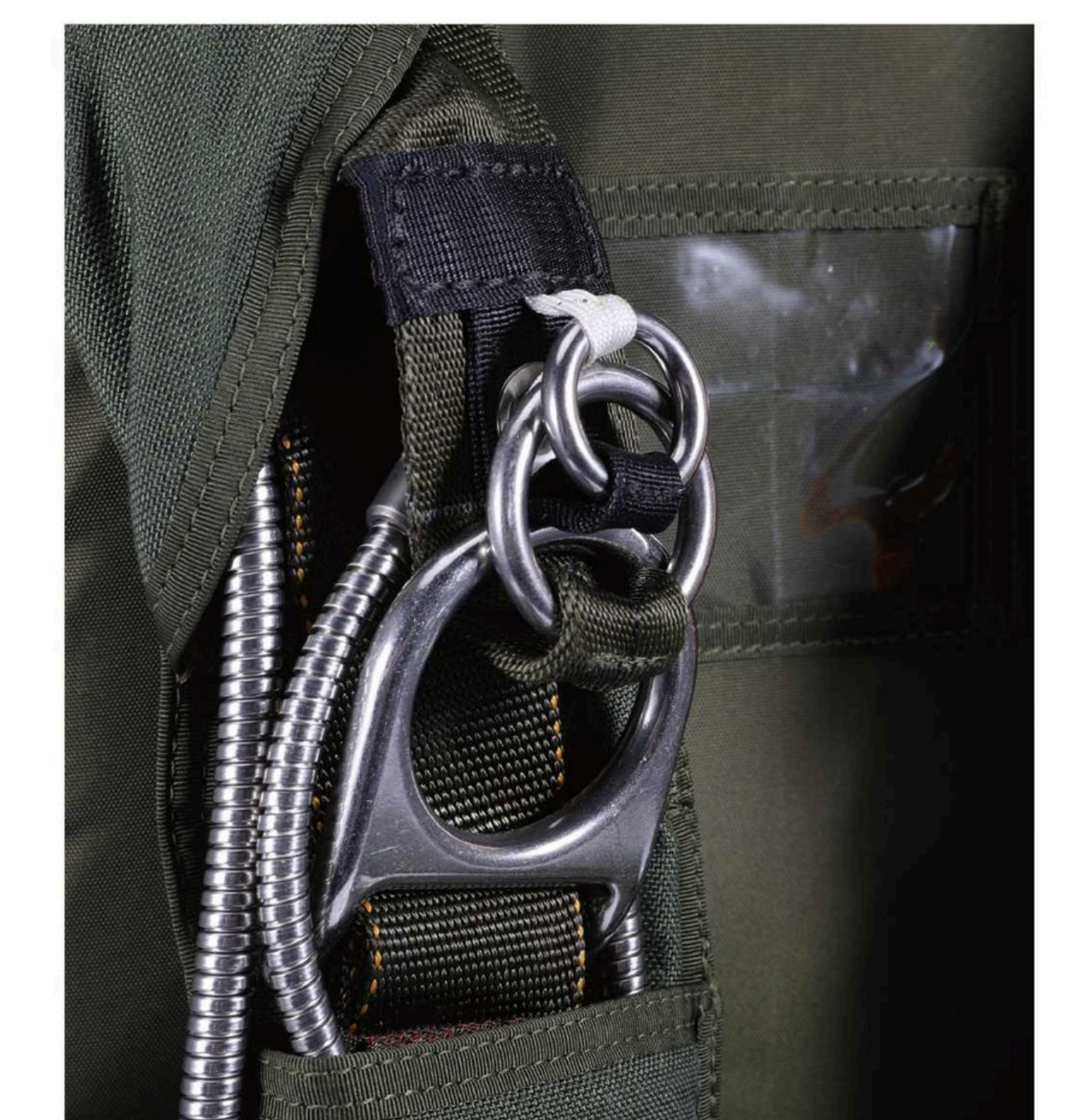
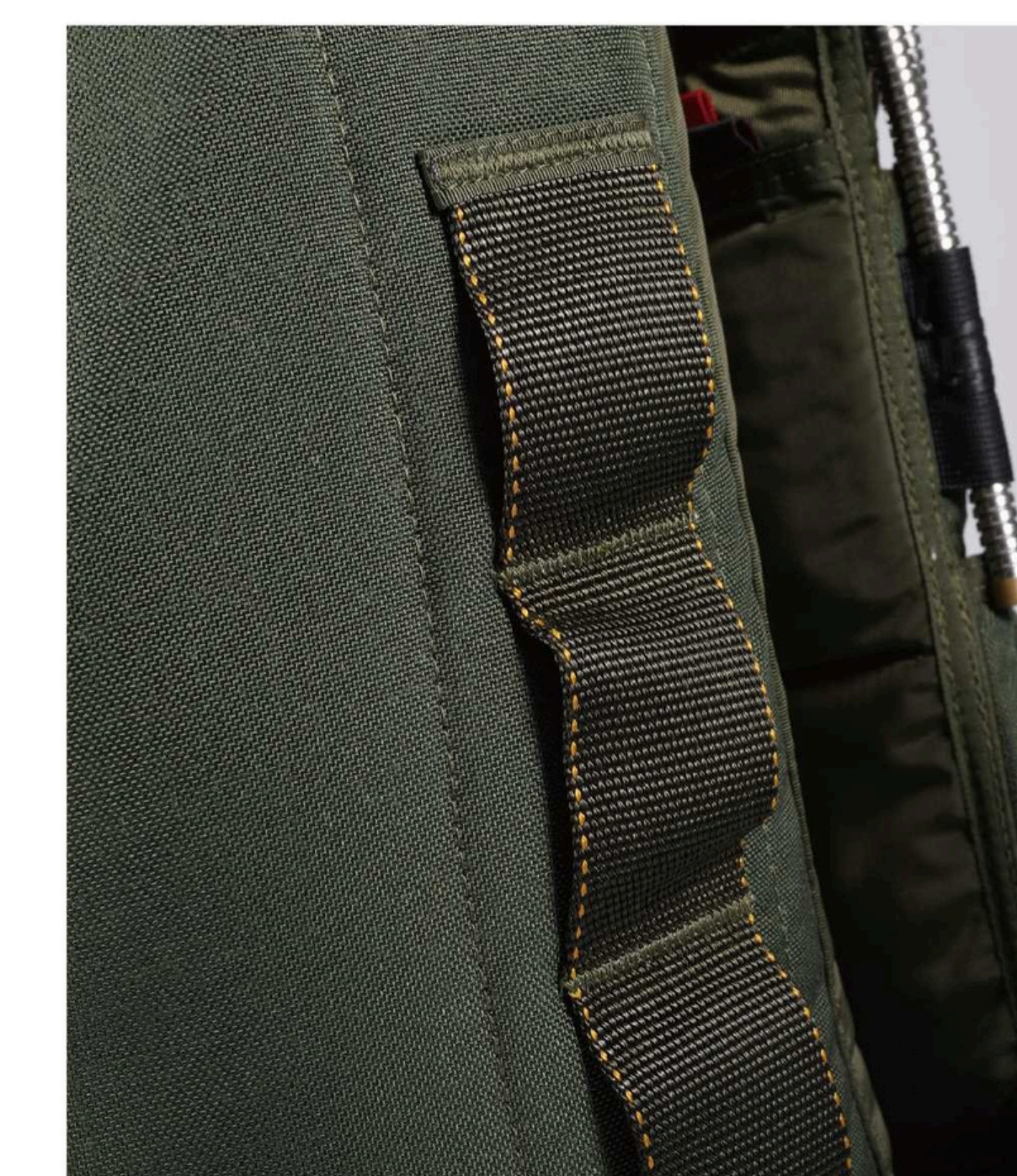
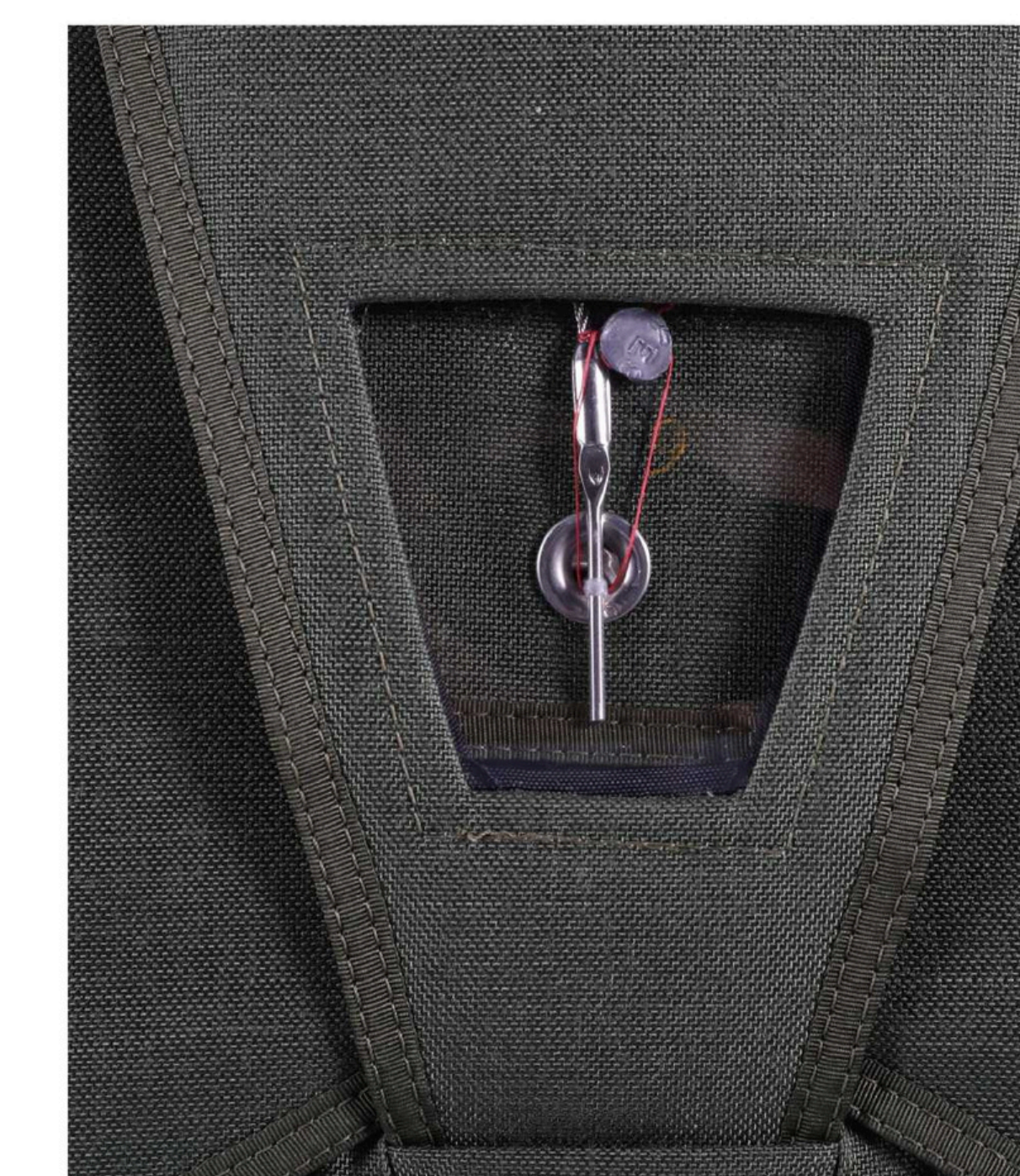
T175 advanced Ram-air airfoil is a new-generation, high-performance chute designed to meet the demands for both military and civilian uses. It provides excellent aerodynamic performance and manoeuvrability. It is particularly designed for High Altitude & High Opening (HAHO), High Altitude & Low Opening (HALO) activities.

Characteristics

It has a two-in-one design feature with main and reserve chutes providing more room in front of divers' chest for weapons or other supplies. It also has many characteristics such as superb load-carrying capability, high-level stability, safety and reliability, as well as good operability. With exceptional gliding performance and higher horizontal speed, it is very suitable for remote infiltration long-distance armed raid and other special combat missions.

Technical Parameters

- Maximum skydiving altitude: 35,000 ft (10,668 m)
- Maximum deployment altitude: 25,000 ft (7,260 m)
- Canopy area : 280 sp ft (26 m²)
- Maximum capacity : 170 kg



SWORD-2

Advanced Ram Air Parachute

Tactical Parachute System

The Sword-2 features metal rings on the shoulders and an outward deployment handle, making it convenient for carrying loads in the chest area.



Tactical Tandem Parachute



Introduction

The T177 chute is designed for the purpose of two-armed personnel air jump operation or operation with heavy supplies. It features heavy load-carrying capability, far gliding distance, high safety and reliability, good operatability, suitable for HAHO and HALO special air jump combat missions.

Technical Parameters

- Cell Count : 9 cells
 - Canopy Area(Sq. ft.): 300 / 330 / 370 / 400(28/31/34/37m²)
 - Maximum Weight: 500 lb (227kg)
- Maximum deployment speed: 150KTS (278 km/h)
 - Opening Dynamic Load: 4.5G
 - Steering Lines : 6&2

Characteristics

- Superior Safety and comfort
 - Excellent aerodynamic designs
 - High Tolerance for misoperation
 - Wind and turbulence resistance
 - The Reserve Static Line (RSL)
 - With Automatic Activation Device
- Reliable disk release system
 - “Golf Ball” deployment handle on both sides
 - Transparent window on the front side of the pack to check the reserve pin position
 - Adjustable passenger hardness for jumper of individual shape and size

Tactical Parachute System

T300 Paratrooper Parachute



Function

T300 Paratrooper Parachute is specifically designed for airborne combat operation. It enables accurate and safe airdrop operation of paratroopers and supplies, and is suitable for military, sports and emergency rescue operation, especially for mass airdrop operation of paratroopers in designated area.

Main canopy

Canopy area 47 cm x 34 cm x 28 cm
System weight 15 kg

Maximum capacity 160 kg
Maximum opening altitude 4000 m
13123 ft

Minimum opening altitude 150 m
492 ft

Rate of descent 4m/s (115 kg)
13 ft/s (254 lb)

Reserve canopy

Canopy area 26 cm x 47 cm x 17 cm
System weight 6.5 kg

Maximum capacity 160 kg
Maximum opening altitude 4000 m
13123 ft

Minimum opening altitude 150 m
492 ft

Rate of descent <7.9 m/s
<26 ft/s



SPORT PARACHUTE SYSTEM

Sports Parachute System

Student Parachute Container



Introduction

The Student Parachute features safety and comfort, with adjustable harness mechanism to accommodate size and shape of individuals. It is suitable for trainees practising high altitude skydiving.

Characteristic

- Ergonomic designs
- High quality materials and techniques, durable and rugged
- Cold-forging stainless steel metal pieces
- Adjustable harness system and leg straps suitable for people of all shapes and sizes
- B12 quick release buckles for leg straps
- Detachable waist band
- The reserve static line or RSL
- Bottom of container setup / hand
- deploy pilot parachute system
- Optional static line deployment configuration
- Left container bottom auxiliary opening rings
- Reserve pin check window
- AAD check window

Sports Parachute Container



Introduction

It is a customized container which can satisfy the personal needs of all individual skydivers. It features safety and comfort, and is the best options for parachutists.

Characteristic

- Ergonomic design with high-quality comfort pads
- High quality materials and techniques ensure durability and sturdiness
- Cold forging stainless steel metal components
- Reliable main and reserve opening system
- Module structural design for easy maintenance
- Aerodynamic structure design
- Safe and reliable opening with optional deployment handles
- Ultra secure main lift web cover design
- Design of secure main and reserve canopies
- Military-standard constant-force spring for reliable reserve canopy deployment
- Provide customized service

Sport Version Parachute System

Student Junior Main Canopy



Introduction

The Junior-Level Main Canopy, also named “Chu Yun Jiao ”, is a ram-air activated parafoil specially designed for beginners. It is a fault-tolerant and turbulence-resistant canopy that is durable and easy to operate, and is the best choice for trainees.

Characteristic

- Exceptional aerodynamic design for wind and airflow resistance.
- Superior brake performance and secure landing
- Advanced aerodynamic features ensure smooth deployment with low dynamic load
- 9 Cells
- Canopy area (sq ft) : 200,220, 240, 260, 280, 300 (18.58 ,20.44 , 22.29, 24.15 ,26.01 , 27.87 m²)
- Maximum capacity : 109~159kg
- Maximum deployment speed 130 KTS (240 km/h)

Sport Version Parachute System

Master Level Main Canopy



Function

The model named“Shenwuying”features a high-performance oval ram-air parafoil with excellent aerodynamic design. The fully functional canopy features quick response, aggressive tracking and diving, strong rear performance, flexible maneuverability, long-distance gliding, and strong performance and flare for landing, making it suitable for experienced parachutist.

Characteristic

- Aerodynamic design
- Quick response to input instructions
- Steady opening directions
- Super flexible maneuverability
- Large angle of diving and tracking
- Long arc to recovery
- Long distance gliding
- Strong rear performance
- Strong flare to land
- 9-cell oval ram-air parafoil
- Maximum capacity : 65~110 kg
- Maximum deployment speed : 150 KTS (278 km/h)
- Canopy area (sq ft) : 83, 89, 97, 107, 120, 135, 150 (7.71 , 8.27 , 9.01 , 9.94 , 11.15 , 12.54 , 13.94 m²)

Senior-Level Main Canopy



Introduction

The Senior-Level Main Canopy, also named “Hai Long Juan”, is a ram-air activated parafoil specifically designed for medium-level parachutist. It has excellent aerodynamic design feature, predictable and responsive to any operation signals. It enables gentle opening of parachute and safe landing, giving parachutist joyful experiences in flying and gliding.

Characteristic

- Exceptional aerodynamic design
- Flexible and predictable input responses
- Smooth deployment and low dynamic load
- Flight stabilization and long-distance capabilities
- Short final flare for landing
- Better landing flare
- 9 cells
- Maximum capacity : 73~125 kg
- Excellent braking and safe landing
- Maximum deployment speed : 150 KTS (278 km/h)
- Canopy area (Sq ft) :100、120、140、160、180、200 (9.29、11.15、13.00、14.86、16.73、18.58 m²)

Reserve Canopy



Function

The model named“Tieyuying” it is a reliable reserve canopy that features high reliability, quick response gliding performance, predictable operation, maneuverability, brake sliding, and landing performance.

Characteristic

- Reliable and safe, with high fault-tolerance
- Quick and stable opening
- Excellent flying features
- Predictable maneuverability
- Excellent brake performance
- Smooth landing
- 7-cell parafoi
- Canopy area (sa ft):100~280 (9.2903~26.01284m)
- Maximum capacity:68~136 kg
- Maximum deploym 8 km/h)

Parachute Carrying Equipment



Multifunctional Load- Carrying Equipment



EMERGENCY PARACHUTE SYSTEM

Emergency Parachutes for Pilots



Function

Emergency parachutes are specifically designed to provide pilots with safe and comfortable emergency solutions.

Characteristic

- Unique ergonomic design, and light-weight
 - Innovative materials and fabrics with enhanced structural strength
 - Adjustable harness system to ensure comfort, ease of donning, and safety
 - Equipped with AAD for automatic deployment in emergency situations
- Stable and reliable deployment with a low descending rate after opening
 - Maximum capacity : 115 kg
 - Maximum deployment speed : 150 kts
 - Steady rate of descent : 5.5 m/s(18.04 ft/s)
 - Provide customized service

Function

The Multifunctional load-Carrying Equipment is designed for military aerial operations, including HAHO and HALO and static-line airdrop missions. The latest international design concept is used for this equipment. It has several features, such as high load-carrying ability, easy to operate, high level safety and reliability, dual-fixed -buckle design etc. very suitable for existing in-service military canopy category. Wider shoulder hardness design provides comfort and convenience for load-carrying paratroopers after landing. The Special 3-ring release mechanism helps with quick breakaway. The storage room can be adjusted to accommodate the carry-on supplies quantity. High-strength material with anti-weather, anti-friction and anti-torn performance are used.



Technical Parameter

- Maximum capacity :100 kg
 - System weight : 3 kg
 - Three-ring suspension system for
 - quick release and adjustable Harness
- Sizes :

S : 580*410*300 mm - 72 L

M : 660*460*300 mm - 92 L

L : 760*460*410 mm - 142 L

Provide customized service