



## Main parachute for paradrop of heavy cargo



- Paradrop at the indicated speed of aircraft up to 400 km/h
- Minimal safe altitude of paradrop - 300 m
- Reliable operation in cluster parachute systems

FSUE "NII parachutostroyeniya" develops and manufactures all types of cargo parachute systems.

The parachute systems, designed and developed on the basis of main parachute with area of 350 m<sup>2</sup>, allow to drop heavy cargos with mass up to 20000 kg from different type of aircrafts. Several types of parachute systems have been developed and have been in service by the present time.

### Types of cargo parachute systems

Type of parachute systems	Quantity of parachutes with area of 350 m <sup>2</sup>	Flight cargo mass, kg
MKC-350-9	9	3750...9500
MKC-350-12M	10	14700
MKC-350-12	12	14400

### Technical characteristics of cargo parachute systems

Characteristic	Value
Parachute area, m <sup>2</sup>	350
Speed of aircraft at the moment of paradrop, km/h	260...400
Altitude of paradrop, m	300...4000
Vertical speed near the Earth surface, m/sec	7,5 – 11,2
Block mass, kg	Up to 70
Block dimensions, m	1,3x0,57x0,45
Allowed quantity of parachutes in the system	14

The Institute designs, develops, conducts the full cycle of experimental work-out of cargo parachute systems and performs Authorial Supervision in service.

Cooperation with us will allow you the guaranteed quality of design and development, full cycle of tests and delivery of cargo parachute systems, and also technical support during service.