

D.A.R.C

DESCHAMPS AIRCRAFT RECOVERY CUSHIONS



The Recovery Airbag is a heavy duty lifting system conceived to lift an Aircraft involved in an accident. The range includes 15,25, and 40 ton lifting capacity bags designed to lift disabled aircraft safely.

Unique manufacturing process

Each airbag is manufactured according to the hot vulcanization process in an autoclave. No glue is used in the manufacturing process in order to significantly increase the airbag shelf life as there is no chance that the rubber comes unstuck.

Safety

The bursting point is at 6 bar (84 psi) instead of 2 bar (30 Psi) for cold vulcanized bags. The top cushion which comes in contact with the aircraft includes eight individual compartments for matching perfectly the structural geometry of the aircraft.

Stability

Drop threads inside the cushion fabric give a flat surface and ensure stability. Top and bottom parts are molded with male and female diamond indentations to enhance the grip and prevent from sliding.

Resistant to

Kerosene, hydraulic fuels, UV, ozone, mud and water.

Easy handling

Each cushion is composed of five independent groups of three single bonded elements.

Easy positioning

The recovery airbags have a black bottom surface and a red top surface with a black centering cross which shows precisely the position of the bags when they are stacked. Handles are moulded into each module for easy installation.



DESCHAMPS
SINCE 1860

www.mobi-mat.com

DESIGNATION	DARC 15/1800	DARC 15/3000	DARC 25/2400	DARC 25/3000	DARC 30/3000	DARC 40/3000	DARC 60/3800
Kit P/N	159201	159204	159210	159202	159212	159203	159209
Number of airbags	1	1	1	1	1	1	1
	Designation	Designation	Designation	Designation	Designation	Designation	Designation
	Airbag 15 tons	Airbag 15 tons	Airbag 25 tons	Airbag 25 tons	Airbag 30 tons	Airbag 40 tons	Airbag 60 tons
Composition	Technical fabric coated with synthetic rubber	Technical fabric coated with synthetic rubber	Technical fabric coated with synthetic rubber	Technical fabric coated with synthetic rubber	Technical fabric coated with synthetic rubber	Technical fabric coated with synthetic rubber	Technical fabric coated with synthetic rubber
Lifting Capacity at 0.5 bar	18 metric tons	18 metric tons	26 metric tons	26 metric tons	31 metric tons	41 metric tons	62 metric tons
Flat sizes	2100 x 2200 82.68" x 86.6"	2100 x 2200 82.68" x 86.6"	2900 x 2200 114.2" x 86.6"	2900 x 2200 114.2" x 86.6"	2900 x 2600 114.2" x 102.4"	4200 x 2280 165.4" x 89.8"	4420 x 3230 174" x 127.2"
Contact area	1800 x 1940 70.9" x 76.4"	1800 x 1940 70.9" x 76.4"	2640 x 1940 103.9" x 76.4"	2640 x 1940 103.9" x 76.4"	2640 x 2340 103.9" x 92.1"	3970 x 2050 156.3" x 80.7"	4100 x 3000 161.4" x 118.1"
Height inflated	1800 70.9"	3000 118.1"	2400 94.5"	3000 118.1"	3000 118.1"	3000 118.1"	3800 149.6"
Minimum Bursting Pressure	84 Psi	84 Psi	84 Psi	84 Psi	84 Psi	84 Psi	84 Psi
Maximum Working Pressure	7 Psi	7 Psi	7 Psi	7 Psi	7 Psi	7 Psi	7 Psi
Test Pressure	21 Psi	21 Psi	21 Psi	21 Psi	21 Psi	21 Psi	21 Psi
Weight without accessories	200 kg	400 kg	420 kg	520 kg	600 kg	730 kg	1605 kg
Compartment stage (20 cm - 7.9" each)	9	15	12	15	15	15	19
Number of modules of 3 compartments	2	5	3	5	5	5	6
Number of modules of 2 compartments	0	0	0	0	0	0	2
Total number of compartments	14	20	17	20	20	20	24
Compartments for top module	8	8	8	8	8	8	8
20 cm - 7.9" long hoses with end couplings	14	20	17	20	20	20	20
+ Set up accessories kit							



Training Center



Tow-Mat



Quick-Access



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