

LARA 3D WIRE SYSTEM

No matter whether 2-point linear (1-2 winches), 2-point contour movements (2-3 winches) or complex three-dimensional movements (up to 4 winches) are required, LARA 3D winches are suitable for any of those tasks. LARA 3D modular winches are flexible basic units, providing solutions for long distances as well as for confined spaces, suitable for any application.



SIZE

Size	Diameter (mm)	Length (mm)	Capacity first layer (m/f)
small	500	300	90/270
medium	500	500	150/450
large	500	1000	300/900

POWERCLASS

31.9 kVA 25.5 kW 34.2 HP

Gearbox	Speed		Lineforce		
	m/s	f/s	Static 0 Rpm (N)	Dynamic 2000 Rpm (N)	Dynamic 4500 Rpm (N)
1:5.2	22	239	936	1644	1447
1:7.3	16	172	1314	2520	2032
1:13.2	9	96	2379	3680	3680

LARA 3D WINCH UNIT

The high payload of the winches, in addition to their passive safety equipment, not only allow the use of any type of camera together with any stabilized or nonstabilized remote head but also actors and stunt personnel to fly safely, powerfully and fast.

Using optical slip rings LARA 3D winches can optionally be equipped with up to 2 fiber optic cables per unit thus permitting the secure transmission of any picture format, up to HD uncompressed Dual Link 4:4:4. Camera, heads or other equipment situated on the flight segment can be controlled by those links as well.



LARA 3D ROLLON/ROLLOFF

The rope guiding mechanism, electronically slaved to the drum and its movement can be adapted for rope diameters ranging from 2-8mm and guides the cable clean and precise. The special sheave contour permits synchronized guiding of two cables.



LARA 3D BRAKE UNIT

The brake originates in theater technology and meets all safety requirements for flying rigs. It is a double safety (redundant) double circuit brake, preserving at least 50% of its nominal efficiency after loss of one circuit, thus keeping ample safety margins even in this case.