

LINE SHAFT HOIST



MAX DROP UP TO 18M
MAX LOAD UP TO 1100KG

Lighting and Scenery Hoist with up to 18m (49') long traveling connector strip for up to 72 lighting circuits and/or up to 21m lighting bar.

The modular drum & shaft design for the IFF Line Shaft Hoist offers a wide range of design options for heavy duty onstage electric hoists or scenery hoists. Steel shafts with universal joints connect 4 helical grooved aluminum drums with the drive unit. The drive unit can be placed anywhere between 2 drums or at the end of the hoist assembly. The soft start/stop minimizes the dynamic impact onto the building structure during the operation. Each Hoist is equipped with a current injection brake, an integrated motor brake and 2 secondary brakes to exceed the highest safety standards of the industry.

TECHNICAL FEATURES STANDARD VERSION

FF3770

FF3771

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Attachment for lights	suitable for IFF rail or Ø 48mm pipe	
Gear motor	MOTOR(Max load 725kg) total gear ratio 105,44 2,2Kw three-phase permanent lubrication	MOTOR(Max load 1100kg) total gear ratio 105,44 2,8Kw three-phase permanent lubrication
Lifting rope	each drum has a Ø6mm rope. N29.000 breaking bad. From 2 to 6 or more drums.	
Lifting speed (average)	126mm/s	
Safety switches	1+1 adjustable for max and min position 2 adjustable operating limits lower and upper limit (factory preset) over travel protection 1 slack wire detection for each cable	
Electrical motor feed	400 Vac - 50Hz	
Lighting circuits	up to 72	
Electrical luminaires feed	flat cable with size according to the sockets	
Outlet options	32A IEC309, 16A IEC309, BS 1363, Schuko, DMX, Audio, Video or other on request	