

FLiRIG

AUTOMATION

Show Automation. Engineered to Fly.

A division of iRIG

www.flirig.com

Who we Are

FLIRIG Automation is the show-automation division of iRIG.

We fly performers, move scenery and drive kinetic stages — safely, precisely and on cue — for the region's most spectacular productions.

Partnered with iRIG's rigging pedigree, we deliver the full service: design, engineering, rigging, automation and live operation, in-house.

PERFORMER
FLYING

SCENIC
AUTOMATION

KINETIC STAGES

MOTION-
SYNCED

EN-17206-2022

SIL3 RATED

What We do

01

Performer Flying

Artists, Dancers, Acrobats, Circus Performers and Stunt Performers.

02

Scenery, Set and Stage Automation

Bringing your production to life.

03

Kinetic Stage Elements

Lifts, reveals and moving stages to animate the show.

04

Motion Choreography

Motion synced to lighting, video and SFX.

05

Design & Engineering

Load calcs, CAD and Rigging Design.

06

Live Operation

Certified operators and technicians

Why FLiRIG

Certified & Safe

Performer-flying winches built to EN-17206-2022 and SIL3.

Millimetre precision

Positional accuracy, repeatable show after show.

Turn-key solutions

From 110 kg SWL to 1000 kg heavy lift.

Show-ready control

XM Automation Xmove.

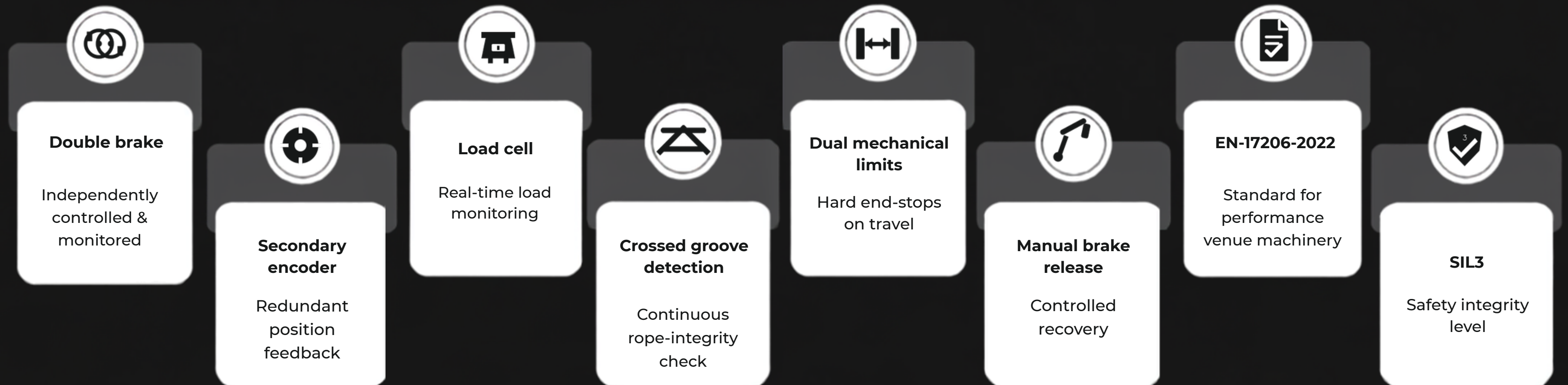
Seamless integration

Fast deployment.

Total Service Provider

Design, Rig, Automate and Operate.

Safety Is the Product



Show Control

XM Automation.

xmove



The Fleet

E40

AGILE PERFORMER FLYING

3.75 m/s

MAX SPEED

Fastest in the fleet — dynamic aerial choreography.



EN-T7206-2022

SIL.3

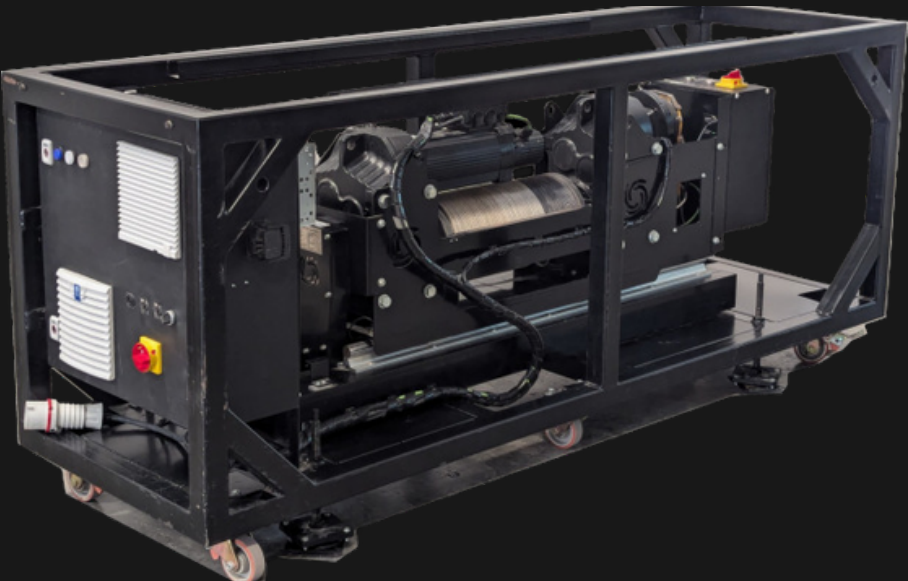
SM

VERSATILE MID-LOAD

150 kg

SWL • ROLL-ON/OFF CAGE

Self-contained transport cage for rapid deploy.



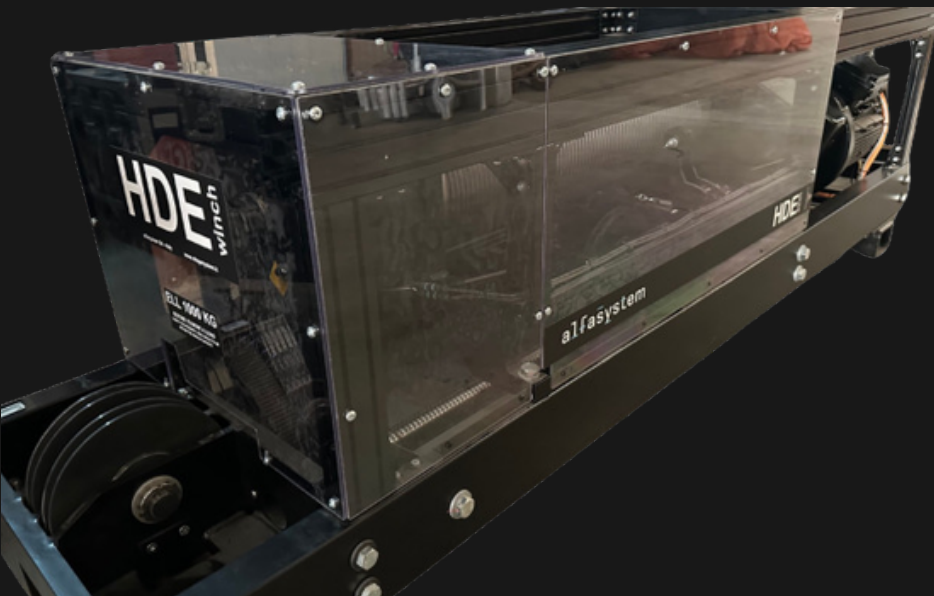
HDE

HEAVY LIFTING

1000 kg

SWL

Heavy set pieces and multi-point performer rigs.



EN-T7206-2022

SIL.3

Specifications

	E40	SM	HDE
	AGILE	VERSATILE	HEAVY
MAX SPEED	3.75 m/s	2 m/s	1 m/s
SAFE WORKING LOAD	110 kg	150 kg	1000 kg
TRAVEL	60 m	40 m	60 m
ACCURACY	2 mm	2 mm	2 mm
SELF WEIGHT	417 kg	658 kg*	1605 kg
DIMENSIONS (L×W×H)	220×43×43 cm	240×75×80 cm	247×69×76 cm
POWER	32A 380VAC 3ph	32A 380VAC 3ph	63A 380VAC 3ph
CONTROL SYSTEM	XM Xmove	XM Xmove	XM Xmove

**SM self weight includes transport cage. Common to all units: double brake (independently controlled & monitored)
• secondary encoder • crossed groove detection • dual mechanical limits • manual brake release.*

Control & Deployment



01



Quick to install

Fast deployment moves units in and out, cutting install and derig time.



02



XM Automation

Award Winning control platform driving every FLIRIG show, with multi-axis capability and 3D safety zones.



03



Motion integration

Syncing mechanical movements with creative elements.



04



Millimetre precision

Repeatable positioning.

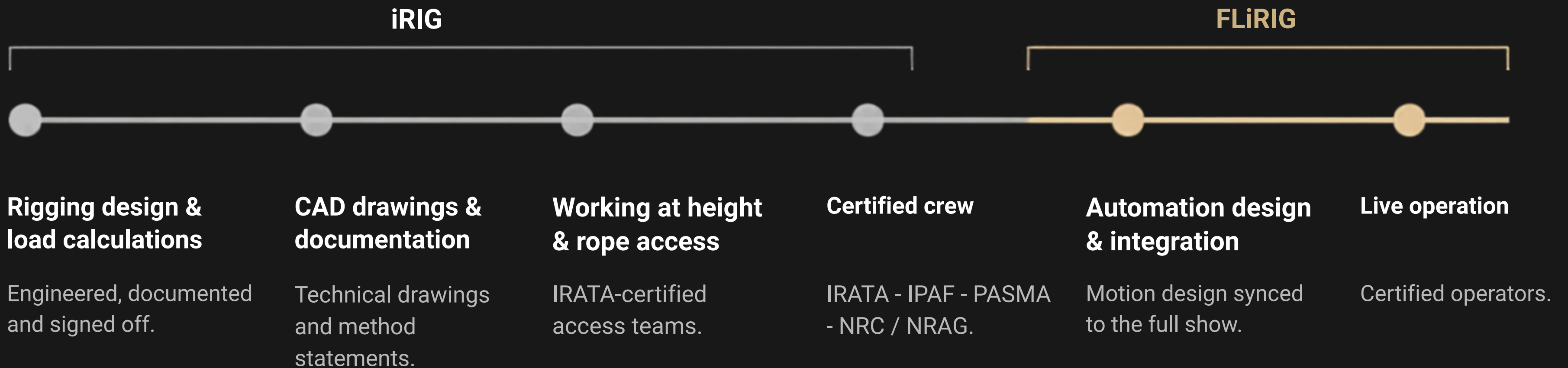
Clients



One Partner

iRIG + FLiRIG

From concept to completion



Where We Work

01

**Ceremonies &
National Days**

02

**Concerts & touring
shows**

03

**Theme parks &
permanent attractions**

04

**Brand activations &
product launches**

05

**Sporting & opening
ceremonies**

06

**Film, TV &
live broadcast**

FLIRIG

A U T O M A T I O N

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