

case study

Balfour Beatty Hospital

Balfour Beatty's Birmingham
Midland Metropolitan Hospital (UK)



Context & Goal

Contracting firm **Flynn Interiors Ltd**, responsible for the installation of **7,000 square metres of plasterboard ceiling panels** in the **Midland Hospital construction project**, chose to take on the challenge with the combination of **Leonardo HD and Solo-Gyps accessory**.

In this context, it was crucial for the contractor to avoid having two operators working simultaneously on the same lift, while still meeting deadlines and ensuring high levels of productivity in congested working areas. Compared to traditional scissor lifts, the only other alternative for getting the job done, **Leonardo HD and Solo-Gyps enabled Flynn Interiors Ltd to reduce installation time by 50%**, allowing one operator to handle the job independently. **This resulted in a substantial reduction in labour costs.** The Leonardo HD's high manoeuvrability and compact, intuitive design ensured safety and compliance with site regulations, improving overall efficiency and reducing the risk of damage to structures.

	Leonardo HD & Solo-Gyps	Traditional scissors lift
Timing (to install 1 drywall panel)	1 min + 20 sec to place the panel on the support	3/4 min
Efficiency (to install 1 drywall panel)	1 operator + 1 operator for 20 sec during ceiling fixing	2 operators
Quality (number of panels installed per workstation per day)	50 panels	25/30 panels

Additional benefits:

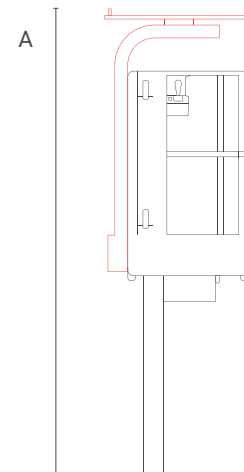
Low entry step: reduces fatigue and accidents by allowing operators to enter and exit the platform comfortably.

Improved manoeuvrability in tight spaces: reduces the risk of damaging installations and finishes.

Leonardo HD

Configuration: Solo-Gyps

A	Working height	4900 mm	16 ft
	Total weight	45 Kg	99.3 lbs
	Load capacity	40 Kg	88.3 lbs
	Panel length	max. 3650 mm	max. 12 ft



Faster and safer drywall installation

Designed for the installation of suspended ceilings, and acoustic solutions, Solo-Gyps lifts panels up to 40 kg (88 lbs), positioned on the adjustable frame, and through its roller system allows the operator to install them comfortably, independently and in half the time.

