

# iKONIC LOW HEADROOM & PITS

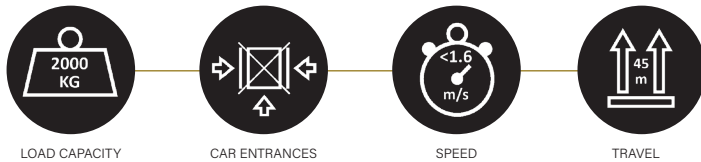
MRL JUPITER or MARS BESPOKE

iklhp2000

## CORE FEATURES INCLUDE:

- ▶ Machine room-less configuration
- ▶ High efficiency gear-less drive system
- ▶ Two **BREEAM** credits available
- ▶ Includes Derogation if required from **OPSS**
- ▶ Full Equality Act (**EN81-70**) compliance
- ▶ Automatic emergency operation

## SUITABLE FOR:



TECHNICAL FEATURES	
LIFT TYPE	Passenger
LIFT MODEL	iklhp2000
STANDARDS	BS EN 81-20/50 BS EN 81-21 BS EN 81-58 BS EN 81-28 BS EN 81-70 BS EN 81-71 BS EN 81-72 BS EN 81-73
MAX DUTY LOAD (Kg)	2000
RATED SPEED (m/s)	<1.6
STARTS PER HOUR	240
MAX LIFT TRAVEL (M)	45
PIT (mm)	300
HEADROOM (mm)	2600
POWER SUPPLY (TNP)	400 V 3 Phase 50 Hertz
DRIVE SYSTEM	Gearless Traction MRL
ENTRANCE OPTIONS	Single entrance, Through entrance or Adjacent
USAGE SUITABILITY	High
CONTROL SYSTEM	240
LEVELLING ACCURACY	In accordance with EN81
CAR DOOR	Centrally or Side Opening
LANDING DOOR	Centrally or Side Opening
CLEAR OPENING (mm)	From 700
FIRE RATING	120 mins in accordance with BS EN 81-58
DOOR SAFETY	Full height non-contact electronic safety light curtain
ARCHITRAVES	Slim line entrance frames



iKONIC Mars | Up to 2000kg



iKONIC Jupiter | Up to 1000kg

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FINISHES SUPPLIED AS STANDARD FOR iklhp2000	
WALL	Stainless Steel Construction*
FLOOR	Non-slip vinyl or studded rubber selected from our standard range*
MIRROR	Half height, full width located on the rear wall*
HANDRAIL	Tubular stainless steel, located on the side wall opposite car station*
CEILING	Decorative white panels with flush mounted LED spot lighting incorporation emergency lift selected from our standard range*
CAR STATION	Stainless steel*
CAR DOORS	Stainless steel*
LANDING DOORS	Stainless steel*
LANDING ARCHITRAVES	Stainless steel*
CONTROLLER CABINET	At the landing entrance*
LANDING DOORS	Stainless steel*
LANDING FACE PLATE	Stainless steel*

INDICATORS SUPPLIED AS STANDARD FOR iklhp2000	
CAR PUSH BUTTONS	Full set of pushes in car station 400mm from the door face*
EMERGENCY COMMUNICATION	Automatic dialling emergency telephone activated upon pressing alarm push*
LANDING PUSHES	Micro movement illuminating pushes, tactile legends compliant with EN81-70*
LANDING INDICATORS	Direction arrows located above door on all landings. Position indicator at main landing*
FEATURES	<ul style="list-style-type: none"> <li>• Full set of car pushes</li> <li>• Position indicator</li> <li>• Door open button</li> <li>• Alarm</li> <li>• Voice Synthesiser</li> <li>• Overload Indicator</li> </ul>

*\*We have an extensive range of finishes and indicators any changes requested will be stated in your quotation for actual finishes.*

SHAFT & MACHINE ROOM FOR iklhp2000	
SHAFT CONSTRUCTION	Construction by the main contractor to meet the load and in accordance with iKONIC Lifts requirements
PIT PROP	Included
MACHINE ROOM LOCATION	Controller located in front wall at top floor, as standard other options available.
PIT LADDER	Included
NOTICES	Electric shock, hand lowering
CONTROLLER MAT	Voltage rated rubber mat included
PIT SOCKET OUTLET	Included
MAINTENANCE SAFETY BARRIER	Fitted to the top of lift car

12 MONTH WARRANTY FOR iklhp2000
INCLUDED- Subject to the lift being maintained by ISO 9001 approved lift service company in accordance with our recommendations

12 MONTH SERVICING FOR iklhp2000
Service contracts available on request. Contact our service department for a free quotation <a href="mailto:service@ikoniclifts.co.uk">service@ikoniclifts.co.uk</a>

ADDITIONAL ITEMS INCLUDED NOT INCLUDED FOR iklhp2000			
INCLUDED		NOT INCLUDED	
DOCUMENTATION	General Arrangement Drawings Technical Manual Health & Safety Documentation Method & Risk Assessments	GUIDE FIXINGS	To be supplied and installed into a suitable constructed shaft by main contractor
LIFT DELIVERY	Our offer will include delivery to site a fork lift truck with a driver will need to be provided by the contractor. The off loading area suitable for storage needs to be on the same level and adjacent to the lift shaft.	SCAFFOLDING	To be installed by main contractor in accordance with the requirements specified by iKONIC LIFTS
INSTALLATION	Included	SHAFT CONSTRUCTION	To be constructed by the main contractor
COMMISSIONING	Included	SHAFT PAINTING	To be completed by the main contractor
DEROGATION	Applications prepared for client and submitted to OPSS and reviewed on a case by case basis	LIFTING BEAMS OR HOOKS	To be supplied and tested by the main contractor. Can be supplied by iKONIC at additional cost.
SHAFT LIGHTING	Included		



**iKONIC Lifts Ltd**

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## STANDARDS

From 1 September 2017, BS EN 81-20 is the only harmonised standard for the design of new lifts.

Then the definition of permanent refuge spaces in  
**BS EN 81-20** must be used for new lifts in **new buildings** or  
**BS EN 81-21** for new lifts in **existing buildings**

## NEW LIFT PLACED INTO SERVICE FROM 1st SEPTEMBER 2017

The refuge spaces required by BEIS to meet EHSR 2.2 are defined as:

NEW BUILDING		EXISTING BUILDING	
HEADROOM	PIT	HEADROOM	PIT
<b>BS EN 81-20:2014</b> <b>Clause 5.2.5.7.1</b>	<b>BS EN 81-20:2014</b> <b>Clause 5.2.5.8.1</b>	<b>BS EN 81-21:2017</b> <b>Clause 5.6.2.4</b>	<b>BS EN 81-21:2017</b> <b>Clause 5.8.2.4</b>

### NEW BUILDING

If the lift is in conformity with BS EN 81-20 clauses 5.2.5.7.1 for headroom and 5.2.5.8.1 for pit depth, then no derogation from OPSS is required (although Notified Body approval is required if the lift is not fully to BS EN 81-20).

If the lift is not in conformity with these clauses, then adequate refuge spaces cannot be accommodated and derogation from OPSS will be required.

BS EN 81-21 may not be used on new lifts in new buildings unless derogation from OPSS has been obtained

### GUIDANCE

We urge building designers to discuss their new projects with us at as early stage as possible especially for new lifts in new buildings. The simplest approach is to ensure that the lift well dimensions allow for the refuge spaces defined in BS EN 81-20.

Where this is not possible, iKONIC lifts has proven solutions and can contact the Notified Body to discuss.

For new lifts in existing buildings, the situation will be simpler as the use of BS EN 81-21:2017 will be allowed if the refuge spaces defined in BS EN 81-20 are not available

### CAN BS EN 81-21:2017 BE USED FOR NEW LIFTS IN NEW BUILDINGS

NO – derogation from OPSS will be required.

### EXISTING BUILDING

If the lift is in conformity with BS EN 81-20 clauses 5.2.5.7.1 for headroom and 5.2.5.8.1 for pit depth, then no derogation from BEIS is required as the lift can be treated the same as new lifts in new buildings.

If those refuge spaces are not available, then derogation will not be required if the lift is in conformity with BS EN 81-21:2017

Note: an existing building is one which is used or was already used before the order for the lift was placed.