

Product Brochure

產品型錄



Raising industry lifting standards for 20 years 在吊昇工業吊重標準已20年

Lifting is the market leading innovator of lightweight, portable and safe lifting equipment. 吊舉是不論重量輕, 可携帶和安全吊重設備是市場領導的創新者

All products are designed to offer real cost value while ensuring a level above the competition in terms of ease of use, quality of specification, versatility and delivery.

All products and service to ensure they stay at the forefront of the market.

With above-WLL testing, Lloyd's Register accreditation and exceptional knowledge of both aluminium engineering and lifting legislation, you can rest assured that a product will perform safely and easily.

所有產品設計用來提供實際成本價值,同時確定不論容易使用,規格品質, 多樣性和交期比競爭者好的水平。

附有高於-安全荷重測試,勞式登記認可和鋁合金工程及吊升法規特殊的知識 ,可以放心地確認我們的產品安全和容易的執行。











ICONS EXPLAINED

圖示影像說明

Working Load Limit

工作荷重限制



Each system will have a working load limit (WLL) rating clearly stated along with its serial number for traceability. The WLL rating should NOT be exceeded under any circumstances

每種系統將有工作荷重限 制(WLL)額定清楚地說明 和它的序號,作爲可追蹤 性在任何情况下不可超過 工作荷重限制額定

Assembly/Operation

組合/操作



People Required

An indicator of the people typically manual handling guidelines. Every lift assessment and method statement prior

人員需求

人員的指示典型地需要在 正常情況下依處理指引手 冊, 作安全組合和操作本系 统,每次吊舉必需在活動 以前藉由相對的危險評估 和方法說明來作支持

Transportation

渾決



Weight/Method

The typical total weight of each system for transportation. Weights may vary marginally. The format explains whether the system is 'bagged' or 'flat packed' for easy and safe storage, handling and

重量/方法

典型每個系統運送的全部 重量, 重量也許有些微的變 化,運送形式說明是否系統 袋裝"或"平板包裝 可作容易和安全儲存, 處理和運送

Personnel Lifting

人員吊舉



EN795

Fully certified temporary anchor point meeting strict requirements of EN795 完全地認證暫時固定點符合 EN795嚴格需求,作爲防止 從高處和人員吊升的墜落的 保護(是EN363符合系統的部

ATEX



ATEX Certified

ATEX認證

Product Brochure Index:

產品目錄索引:

AL-GANTRY

鋁製龍門型吊架

(4)

A versatile range of lightweight aluminium gantries. designed to lift up to 5.000kg even in confined spaces. 具有重量輕鋁製龍門型吊架的 多樣性範圍,設計來吊舉即使 在有限的空間也可達到5,000kg

AL -GANTRY 快速型

A unique ultra-light & rapidly deployable gantry that provides 獨特超輕型和快速的展開的 a versatile lifting solution for both goods and personnel.

龍門型吊架提供作爲東西和 人員的多樣性吊舉解決方法

AL-DAVIT

8

Designed with safety and strength in mind, our DAVITs are easy to transport and assemble, yet offer unbeatable strength and durability.

切記本設計含有安全和強度,我 們的鋁製-吊桿容易運送和組合, 尚且供無法想像的強度和耐用性

AL-DAVIT QUANTUM 鋁製-吊桿

With a WLL 600kg and weighing just 18.5kg complete with 在安全荷重600kg而重量只有 an integrated carry handle, the DAVIT QUANTUM is easily transported and suitable for a range of applications.

18.5kg, 整組含攜帶手把, 鋁 製吊桿-量子是非常容易運送 和並適合一定範圍的使用

T-DAVIT

Lightweight and portable, REID Lifting's innovative bespoke T-DAVIT range stands head and shoulders above the rest. Offering up to WLL 500kg and 360° rotation under finger tip. 他競爭者,提供安全荷重達

重量輕和可攜帶,本吊桿創新 訂做的, T吊桿範圍遠遠超過其 到500kg和可輕易地作360°旋轉

SOCKETS & EXTENSIONS 套筒和延長個

A complete range of supporting sockets and socket extensions up to 1100mm are available to make the most of your davit 支撐套筒和套筒延長有完整 lifting solution.

範圍,可達1,100MM,使您 的吊桿達到最大吊升解決

AL-BASE

紹製-底座

Our flexible, portable socket base for the PORTA-DAVIT 500,

has both goods and personnel lifting capabilities. 超輕,快速組合,可移動,而且穩定吊升 結構作爲吊起重型沈水泵是完美設計, 比三角架系統有更高的安全系數

AL-QUAD

鋁製-OUAD

The ultra-light, quick to assemble mobile, yet stable lifting 超輕,快速組合,可移動,而 structure is perfectly designed for lifting heavy, submersible 且穩定吊升結構作爲吊起 重型沈水泵是完美設計,比三角 pumps with a higher safety factor than tripod systems. 架系統有更高的安全系數

SPECIALIST SERVICES

化,設計和現場訓練課程



As industry lifting experts, Lifting offer a range of specialist services such as consultancy, customised 供了專家服務的範圍如諮詢,客製 design and on site training sessions.

QUALITY & SAFETY



Our Lifting operates to the highest standards of quality 我們的吊舉操作達到最高品質和安 and safety in order to deliver the best lifting systems. 全標準爲了交送最好的吊舉系統

作爲工業吊升專家,我們的吊舉提

AL-GANTRY 500-5000kg

鋁製龍門型高架走行吊架 500~5000kg

Unique portable gantry system that can safely lift up to 5000kg, with manual assembly on just 4 bolts.









92 - 294KG flat pack people

獨特可攜式龍門型吊架系統可安全的吊起達 5,000kg,手動組合只用4支螺栓

[S] = Small 小型 [M] = Medium 中型 [I] = Intermediate 中間型 [T] = Tall [see table] 高 (看表)

Innovative, lightweight, portable, safe and very strong, the AL-GANTRY lifting system is the number one choice for organisations seeking safe, multiple location lifting solutions and a healthy return on investment. Its unique capabilities have proven to satisfy Finance, Operations, Health & Safety as well as users.

創新,重量輕,可 攜式,安全和非常 強力的,鋁製龍門 型吊架系統對於機 構尋求安全,多位 置吊舉解決方法和 提供健康的回饋是 第1個選擇,獨特 能力已證明對於資 金,操作,安全衛 生及使用者等均滿



AL-GANTRY 500 - 5000 Information: 鋁製龍門型吊架500-5,000kg的資料:

· GOODS WLL From 500kg up to 5000kg (depending on model)

東西的安全荷重:從500kg達到5,000kg (依不同型式)

 PERSONNEL WLL Maximum combined personnel lifting capacity up to 2000kg [depending on model]

人員的安全荷重:最大組合,人員的吊舉能力可 達2,000kg(依不同型式)

- 3-5 PERSON FALL ARREST EN795:1997 certified - as part of an EN363 compliant system (500 & 1000 - 3 persons, 2000, 3000 & 5000 -5 persons)
- 3-5人防墜落: EN795.1997証明, 是EN363符合系統 的一部份
- ATEX All models suitable for use in ATEX Zone 2 explosive atmospheres

ATEX: 所有型式均適合使用在ATEX第2區爆炸環境

. LIGHTWEIGHT & PORTABLE With easy on-site assembly within manual handling guidelines:

- 4 portable parts assembled on just 4 bolts
- Simple 'scissoring' assembly in just 2-3 minutes
- -4可攜配件組合只要4支螺栓
- 只要2-3分鐘內可作簡單"剪刀"組合
- ERGONOMIC 無重力型
- 360° swivel-locking castors as standard 360°旋轉鎖住車輪爲標準型
- Simple, manual height & span adjustment 簡單,手動調整高度和跨距
- Ultra-safe captive trolley
- Ergonomic design of profiles and handles 無重力設計的型鋼和手把
- STABLE Bolted structure, lateral beam and leg bracing features

穩定:螺栓結構, 側樑和腳支架特性

 CONFIGURATIONS Variety of standard configurations available, plus customisation for specific requirements and interchangeable components (subject to WLL rating)

形狀:各種標準形狀可用,再加上客製化規格需 求和可相互交換配件(依安全荷重額定)

重量輕和可攜式:容易在現場組裝,依處理指導手冊即可







超安全可勝任的小車

An industry 1st - The PORTA-GANTRY 5000 is highly portable, safe and manually operated. 是高度可攜式,安全和手動操作

工業第一的鋁製龍門型吊架5000

[]] = Intermediate 中間 [T] = Tall [see table] 高(看表)



The WLL 5000kg AL-GANTRY is a first in the industry. Following the design principles of all of the range, the AL-GANTRY 5000kg is highly portable, safe and manually operated.

安全荷重5,000kg鋁製龍門型吊架是工業上首創的,下列是所有範圍的設計原則鋁製龍門型吊架 5,000kg是高度可攜式,安全和手動操作

AL-GANTRY 5000 Information:

鋁製龍門型吊架5,000資料:

- · GOODS WLL Up to 5000kg rating available in T & I standard frame sizes plus customisation
 - 貨物的安全重可達到5.000KG額定,可以有T&I 標準支架尺寸再加上客製化
- PERSONNEL WLL Maximum combined personnel lifting capacity of up to 2000kg
- 人員安全荷重:最大組合人員吊舉能力可達2,000KG
- 5 PERSON FALL ARREST EN795:1997 certified as part of an EN363 compliant system
 - 5個人防墜:EN795-1997證明作爲符合EN363系統部份
- LIGHTWEIGHT & PORTABLE 重量輕和可攜式
 - 'Wheel barrow' handling in field with just two people required
 - 手推雙輪,現場處理只要2個人

- Mechanical assembly aid reducing manual handling (utilises standard chain block)
- Manual handling compliance: 2 person assembly with mechanical aid, 4 person assembly without tools
- -機械組合幫助減少手動處理(使用標準鍊條吊車) -手動處理要求:使用機械輔助只要2個人組合,沒有工 具就需4個人組合
- ERGONOMIC 無重力的
 - Stabiliser leg deployment, vertical 'in depot' handling by just one person
 - Geared hand-wheel or optional ratchet operation of beam height adjustment
- -穩定器腳發展,垂直儲放只要1人就可處理
- -齒輪式手拉鍊輪或選用樑的高度調整棘輪操作

AL-GANTRY 500 - 5000kg

鋁製龍門型吊架 500-5,000kg

No compromise on strength or safety.

Custom configurations are available across the range.



5000KG







對於強度或安全性是不可妥協的客戶的形式可跨越本範圍

Each AL-GANTRY system comprises:

每個鋁製龍門型吊架系統包括:

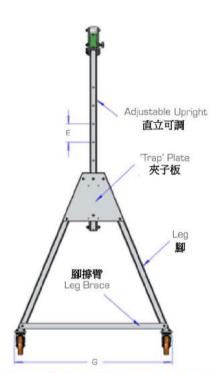
• 2 x A-Frames (or custom alternatives)

2支A架(或客户變更)

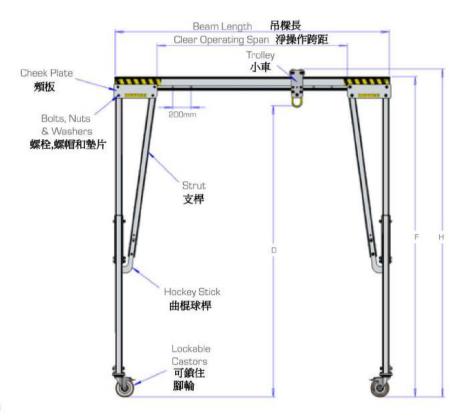
Trolley - fully encapsulated for safety

爲了安全全密式小車

• Beam lengths up to 9000mm (WLL dependent) 樑長可達9M(依安全荷重而定)







			Standard B	eam Length (mm)	標準吊樑的長度			
	2500	3000	3920	4570	5500	6000	8400	9000
500	1	~	~	~	~	/	~	~
1000	1	~	/	/	/	/	/	1
2000	1	~	/	~	/	1	1	×
3000	1	~	~	~	1	~	~	×
5000	/	1	/	1	/	×	×	×







Beam height adjustment 樑高度調整

The height of each gantry beam is easily adjusted by the release of 2 bolts on each upright and can be easily and safely raised into position by increments of 200 or 150mm. To assist with this activity a geared wheel or ratchet system is provided for the larger gantries; manual on smaller frames.

每支龍門吊架的樑高可藉釋放2支在上方位置的螺栓很容易作調整並能很容易和安全的上升 以增量200或150MM就定位,較大的龍門型吊架提供使用齒輪或棘輪系統的致動之協助,較小支架爲手動

AL-GANTRY detailed dimensions (mm)

鋁製龍門型吊架詳細尺寸(mm)

		size	D _{max}	E	D _{min}	F	H _{max}	Hmin	G			
		Frame s	Max height to lifting eye	Height increment	Min height to lifting eye	Max height to top of beam	Max height to top of roller	Min height to top of roller	Width	A-Frame Weight (kg)	Trolley roller size	Castor Diam
		S	2355	5 x 150	1605	2675	2757	2007	1212	33	82	150
		М	2851	5 x 150	2101	3171	3253	2503	1429	40	82	150
		- 1	3188	5 x 200	2188	3499	3581	2581	1726	46	82	200
[kg]	500 /	Т	4079	6 x 200	2879	4399	4481	3281	2011	51	82	500
vviii (kg	1000	TC4	4527	6 x 200	3327	4847	4930	3730	2234	80	82	200
1		TC3	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
		TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
		TC1	5829	9 x 200	4029	6149	6231	4431	2733	95	82	500
1		S	2355	5 x 150	1605	2675	2757	2007	1212	38	82	150
1		M	2851	5 x 150	2101	3171	3253	2503	1429	40	82	150
1			3188	5 x 200	2188	3499	3581	2581	1726	46	82	200
n		Т	4079	6 x 200	2879	4399	4481	3281	2011	51	82	200
(0.)	2000	TC4	4527	6 x 200	3327	4847	4930	3730	2234	80	82	200
		тсз	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
1		TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
		TC1	5829	9 x 200	4029	6149	6231	4431	2733	95	82	200
T		S	2410	5 x 150	1660	2730	2812	2062	1212	55	82	200
۱		M	2906	5 x 150	2156	3226	3308	2558	1429	60	82	200
		- 1	3188	5 x 200	2188	3499	3581	2581	1726	70	82	200
0 100	3000	Т	4079	6 x 200	2879	4399	4481	3281	2011	82	82	200
		TC4	4527	6 x 200	3327	4847	4930	3730	2234	80	82	200
		тсз	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
		TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
I		1	3181	5 x 200	2181	3592	3717	2717	1736	97*	125	200
		Т	4049	6 x 200	2849	4487	4612	3412	2021	106*	125	200
70		TC4	4500	6 x 200	3300	4938	5062	3862	2234	85	125	200
Secretary Property	5000	тсз	5000	6 x 200	3800	5438	5562	4362	2557	90	125	200
					S	& M versions	also available	as custom sy	stems	1		
				W	LL 5000ka dir	nensions syst	ems are show	n using the de	eper 'D' secti	on beam		

Dimensions use standard Master Link Trolley, other options available to increase resulting height of lift (HoL) and to assist with load movement.

* Weight includes stabiliser legs

尺寸是使用標準主吊環小車,也有其他選項來增加吊升高度(HOL)的結果並協助荷重的移動 *重量包括穩定腳

AL-GANTRY® RAPIDE 鋁製龍門型吊架

或東西的吊舉解決方法



A unique, ultra-light & rapidly deployable gantry that provides a versatile lifting solution for goods and personnel. 獨特、超輕型和快速的可展開的龍門型吊架提供多樣性的人員









500KG WLL

Person

compact storage

The AL-GANTRY RAPIDE adds exciting new dimensions to the AL-GANTRY family. A patented gantry that can be assembled in under 60 seconds for both goods and personnel lifting (man-ride) applications.

鋁製龍門型吊架-快速型增加了令人激動的新尺寸到AL-GANTRY家族,獲 專利的龍門型吊架不論貨品或人員吊舉(載人)使用可在60秒內完成組合











AL-GANTRY RAPIDE Information: 鋁製龍門型吊架-快速型資料:

- GOODS WLL Up to 500kg 貨品安全荷重可達500KG
- PERSONNEL WLL Up to 250kg 人員安全荷重可達250KG
- 3 PERSON FALL ARREST EN795:1997 certified as part of an EN363 compliant system 3人防墜。

EN795;1997認可,是EN363符合系統的一部份

 ATEX Suitable for use in ATEX Zone 2 explosive atmospheres

ATEX

可適合使用在ATEX第2區防爆環境

 LIGHTWEIGHT & PORTABLE Within manual handling guidelines, weighing only 33kg

重量輕&可攜式 依處理說明手冊,重量只有33KG

- FASY USE
 - Adaptable, multi-purpose trolleys goods and personnel rated
 - Load bearing, lockable castors for easy positioning (ACOP advises no gantry movement under load except where a competent person has undertaken a suitable Risk Assessment & Method Statement and has deemed appropriate)

容易使用

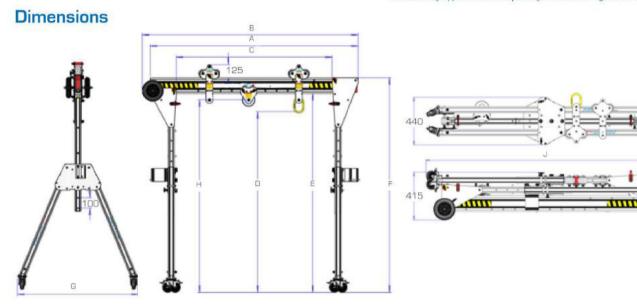
- -可適用多目的小車-貨品和人員額定
- -荷重軸承,可鎖住腳輪容易定位

(ACOP告知在荷重之下沒有龍門型吊架可移動,除 了有資格的人員進行合適的風險評估及方法的陳述

- ,被視爲認可的)
- CONFIGURATIONS Range of beam lengths up to 4m and configurations available

外形 吊樑長度範圍可達到4M及外形可配置

Notified Body Approval SGS UK (0120); Patented & registered designs.



	Dimensions (mm)														WLL			Unit Weight
	A Beam Length	В	C _{Min}	C _{Max}	D _{Min}	D _{Max}	E _{Min}	E _{Max}	FMin	F _{Max}	G	H _{Min}	H _{Max}	J	Capacity (kg)	Fall Arrest Capacity* (Persons)	Personnel * (kg)	(kg)
PGRS20	2000	2076	1100	1500										2190	500	3	250	33
PGRS23	2300	2376	1200	1800	1738	1938	1914	2114	2064	2264	1158	1850	2050	2376	400	5	200	34
PGRS40	4000	4076	2700	3500										4076	250	1	125	40
PGRM20	2000	2076	1100	1500										2076	121	20		34
PGRM23	2300	2376	1200	1800	1642	2042	1818	2218	1968	2368	1215	1755	2155	2376	400	2	200	34
PGRM40	4000	4076	2700	3500										407B				40
PGRT20	5000	2076	1100	1500										2631		1		38
PGRT23	2300	2376	1200	1800	1916	2816	2092	2992	2242	3142	1586	2028	2928	2631	250	1	125	39
PGRT40	4000	4076	2700	3500										4076				44

AL-DAVIT 500kg 鋁製-吊桿 500公斤

Lightweight 2 piece, bagged davit system with up to WLL 500kg, yet only 24kg fully assembled.







重量輕2件式,袋裝吊桿系統可達安全荷重500公斤,而且完全組合重量只有24KG

With a safe lifting capacity of up to 500kg, made of lightweight aluminium and weighing just 24kg (fully assembled), the AL-DAVIT system is literally a one person 'pick up and go' lifting solution. Manufactured using REID Lifting's innovative design, the AL-DAVIT bagged system can be easily transported by hand to any site that a single person can access.

The AL-DAVIT is available in several variations, including standard strop and winched versions, extended radius (e.g. WLL 350kg at 1500mm radius) and complete with a portable socket base (the AL-BASE), removing the need for a fixed socket installation.

本鋁製吊桿可有幾種變化包括標準鋼索滑車和 捲揚機型式,延長半徑(也就是安全荷重350KG 在1,500mm半徑)並且使用攜式套筒底座(鋁製-底座)來完成,固定套筒安裝只要移開所需。





For more information on the AL-BASE (for use with the AL-DAVIT 500), please go to page 17.

請看第17頁更多關於鋁製-底座的資料(使用鋁製吊桿500)

AL-DAVIT 500 Information:

鋁製吊桿500資料

- GOODS WLL Up to 500kg 貨品安全荷重可上達500KG
- PERSONNEL WLL Up to 120kg 人員安全荷重可達120KG
- 1 PERSON FALL ARREST EN795:1997 certified - as part of an EN363 compliant system
- 1人防擎EN795; 1997認可是EN363符合系統的一部份
- · ATEX Suitable for use in ATEX Zone 2 explosive atmospheres
 - ATEX可適合使用在ATEX第2區防爆環境
- LIGHTWEIGHT & PORTABLE Standard unit just 24kg fully assembled
 - Simple assembly within manual handling guidelines, 2 piece design with no tools needed
 - 重量輕&可攜式標準單元完全組合重量只有24KG 依手冊處理說明可簡單容易組合 2件設計,毋需工具

- Easy to store and transport in heavy duty bag 在重型袋子內容易儲存和運送
- RADIUS ADJUSTMENT 800-1200mm as standard 半徑可調整 800~1,200mm為標準型
- EASE OF ROTATION 360° rotation under full load with fingertip control
 - 旋轉容易360°全負荷下旋轉 只有指尖控制
- CORROSION RESISTANT Clean, anodised finish. 耐腐蝕,清潔,陽極化處理
- UNIVERSAL KINGPIN Mates with all 65mm REID sockets (or sleeves for existing sockets) - includes REID's unique portable socket, the AL-BASE. Also suitable for use with socket extensions.

萬用主柱和R公司 65mm套筒配合(或袖套適合現 有套筒) 包括獨特可攜式套筒, 鋁製-底座可適合 使用套筒的延伸







重量輕,可攜式,安全吊舉解決方法是第一的

AL-DAVIT 500 man-rated options 鋁製-吊桿500.人員額定選項

The AL-DAVIT is available in three forms rated for different personnel applications:

此鋁製-吊桿可以有3個形式額定作爲不同人員使用

- FALL PROTECTION Standard strop davit with a fall arrest unit fitted to a shackle.
 - 防墜落標準滑車吊桿附有防墜落單元接上鉤環
- · LOWER & RAISE Winched davit with a man rated winch to lower and raise personnel and separate fall arrest unit with or without integral retrieval winch. 下降和上昇 捲揚吊桿可附有人員額定的捲揚 機來下降和上升人員和分開的防墜落單元搭 配有或沒有恢復捲揚機
- LADDER OR CLIMBING Winched davit with a fall arrest unit with integral retrieval winch where personnel moves on a ladder or climbing. 樓梯或攀爬 捲揚的吊桿附有防墜落單元並配

有回覆捲揚機當人員在樓梯或攀爬上移動

The AL-DAVIT system (using R mounting sockets) is approved to EN795:1997, as part of an EN363 compliant system. 鋁製-吊桿系統(使用R公司的安裝套筒),經EN795:1997認可 是EN363符合系統的一部份

We recommend that the AL-DAVIT unit has a dedicated man-ride rating only and is set at the minimum possible operating radius; however, it is possible to have the davit dual rated at 120kg for man ride and 500kg goods lifting.

我們建議本吊桿單元有一個致力於只有人員乘騎的額定並 且設計最小可能操作半徑,然而,吊桿有雙重額在120KG適 合人員和500KG貨品吊升是有可能的

When used for man-ride applications the AL-DAVIT unit must be dedicated to the man-ride application only and there should be no goods load attached to the davit. Suitably rated chain blocks, winches and man-ride options and accessories are all available from R Lifting. 當使用人員乘騎的用途,本吊桿單元必需只有是專門作 人員乘騎使用,而且不能有貨品荷重物附在吊桿上,合 適的額定鍊滑車,捲揚機和乘人選項和配件作爲吊舉用 是可行的

AL-DAVIT 1000

The first truly portable WLL 1000kg lightweight davit system.







1000KG WLL

person

bagged

The AL-DAVIT 1000 further extends the AL-DAVIT family of jib cranes with up to WLL 1000kg lifting capability for goods, bringing additional safety margins for situations where safety is paramount, such as wastewater treatment applications.

鋁製-吊桿1000是鋁製-吊桿進一步延伸, 旋臂吊車的家族達到安全荷重 1,000KG的吊重能力作爲貨品,帶來增加的安全範圍在安全至上的情況, 諸如水處理應用

AL-DAVIT 1000 Information:

鋁製-吊桿1.000資料:

- GOODS WLL Up to 1000kg at 900-1200mm radius
- · HEIGHT OF LIFT 2000mm to shackles on standard unit
- LIGHTWEIGHT & PORTABLE
 - Unique profiles maximising strength vs. weight
 - Stored in a heavy duty bag for easy transportation combined weight of only 39kg
 - Single person assembly no tools required
- - rotation bar supplied as an option

貨品安全荷重在900-1200 mm半徑可上 達1000KG

吊高可達2,000mm到卸克標準單元

重量輕,可攜式

- · 獨特的形鋼最大強度對重量
- 儲存在重型袋子內容易運送組合完成重 只有39KG
- 單一人員組裝,勿需工具

· EASE OF ROTATION Bearing system allows easy rotation 容易轉動 軸承系統允許容易轉動,供應轉動桿 爲選用

Custom versions to meet specific requirements can be quoted upon request.

N.B: 95mm sockets are required for this product.

依客戶需求的形式,來符合特定的需求可提供報價

註:本產品需95mm套筒



AL-DAVIT®QUANTUM 鋁製吊桿-量子







From 18.5KG

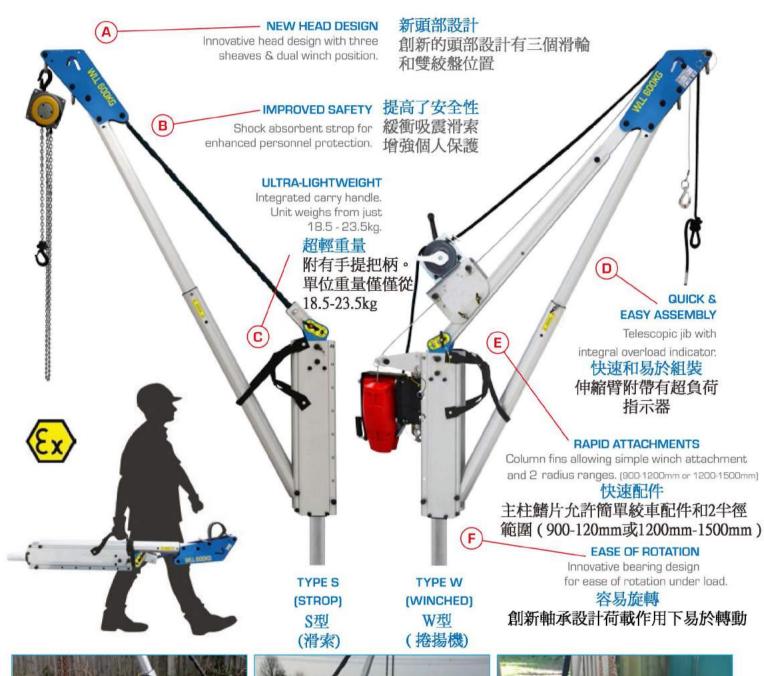


Strong yet ultra-light system with integrated carry handle, capable of lifting up to 600kg.

強而且超輕系統 附有攜帶手把吊升能力可達600KG

This unique, ultra-light and rapidly deployable system is the latest innovation to come from Lifting. With a WLL 600kg and weighing from just 18.5kg with an integrated carry-handle, the AL-DAVIT GUANTUM is easily transported, and suitable for a range of applications. , 而且適用於多種應用。

獨特,超輕型和快速的可展開的系統來自R吊舉是 最近的創新工作荷重限制600公斤,重從只有18.5 公斤具有手提把柄, 鋁製吊桿-量子, 是便於運輸









AL-DAVIT QUANTUM Information:

- GOODS WLL
 - -AL-DAVIT GUANTUM 1 up to 600kg at 1200mm radius
 - -AL-DAVIT QUANTUM 2 up to 500kg at 1500mm radius 貨品安全荷重

鋁製吊桿-量子1在1200mm半徑可達到600公斤 鋁製吊桿-量子2在1500mm半徑可達到500公斤

- PERSONNEL WLL Up to 150kg at all configurations 人員安全荷重在所有配置中可達150公斤
- 1 PERSON FALL ARREST EN795:2012 certified as part of an EN363 compliant system
 1人防墜落

EN795:2012認證,符合EN363系統的一部分

- ATEX Suitable for use in ATEX Zone 2 explosive atmospheres
 ATEX適合用於ATEX2區爆炸環境環境
- LIGHTWEIGHT & PORTABLE Manual handling compliant - fully assembled weight from just 18.5kg 重量輕,可攜帶的

手動操作完全組裝應允重量只有18.5kg

鋁製吊桿-量子資料:

- Integrated carry handle
- Bagged for easy transportation and storage

含有搬運把手 袋裝便於運輸和儲存

 RAPID ASSEMBLY No tools needed, assembles on just 1 pin (2 for winched)

快速組裝 無需工具組合只有1支插梢(絞車2支)

 RADIUS ADJUSTMENT 900mm -1200mm or 1200mm -1500mm as standard 半徑調整

900mm-1200mm或1200mm-1500mm是標準的

- EASE OF ROTATION 360° rotation under full load with fingertip control
 - 旋轉容易 360°全負荷下旋轉 只有指尖控制
- CORROSION RESISTANT Clean anodised finish to increase wear resistance

耐腐蝕 清潔,陽極化處理以增加耐磨性

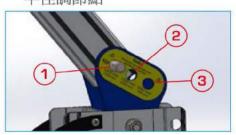
 UNIVERSAL KINGPIN Mates with all 65mm sockets (or sleeves for existing sockets).
 Also suitable for use with socket extensions

萬用主柱 和65mm套筒配合(或袖套適合現有套筒) 而且可適合使用套筒的延伸



Type S (Strop)
S型(滑索)

Radius Adjustment Points 半徑調節點





	WLL	Radius		Dir	mensions (m	m)	
	VVLL	Adjustment Points	А	В	С	D	E
		1	2007	1935	1799	1200	1100
PDQ 1	600kg	2	2061	1989	1848	1100	1000
		3	2111	2039	1892	1000	900
		1	1837	1766	1647	1500	1400
PDQ 2	500kg	2	1899	1827	1703	1400	1300
		3	1957	1885	1755	1300	1200









& bagged



The bespoke T-DAVIT is lightweight, portable

and manufactured with specific needs in mind. 定制的T型吊桿輕巧可攜帶, 並在考慮到具體的需求下生產

An extensive range of davits offering up to WLL 500kg with 360° rotation under finger tip control for those difficult locations, giving a wide range of standard height and radius options and available customisation.

吊桿提供一個廣泛的範圍,工作荷重限制可達500公斤, 含有困難位置的指 尖控制可作360°旋轉,給了廣泛的標準高度和半徑選項和可執行客制化

Particularly suited to situations with environment constraints

(headroom, handrails etc.) with a wide range of configurations available.

Designed to comply with manual handling regulations and to avoid assembling the davit at height.

特別適合於環境限制(頂部空間,扶手等)的情況下具有廣泛的配置、 提供設計符合人工搬運的規定,並避免在高處組裝吊桿

N.B: TYPE W provides Winch & Shackle lifting points. 註:W型提供絞盤及卸克吊點。 TYPE S provides Shackle lifting only. S型只提供卸克吊裝



T-DAVIT Information:

T型吊桿資料:

- GOODS WLL Up to 500kg (see table on next page) 貨品安全荷重可達500公斤(見下頁表格)
- PERSONNEL WLL Configurations available up to 150kg 人員安全荷重配置可達150公斤
- 1 PERSON FALL ARREST EN795:2012 certified - as part of an EN363 compliant system 單人防墜落EN795:2012認證 作爲EN363標準的系統的一部分
- · ATEX Suitable for use in ATEX Zone 2 explosive atmospheres ATEX適合用於ATEX 2區爆炸環境使用
- LIGHTWEIGHT & PORTABLE
 - Manual handling compliant - Reduced maintenance costs
 - Bagged for easy transportation and storage
 - 重量輕,可攜帶的

-人工搬運標準

- -降低維護成本
- -袋裝便於運輸和儲存
- · RAPID ASSEMBLY Assembly & operation by 1 person, no tools required - just 2 main components 快速組裝 由1個人裝配及操作,勿需工具,只 是2主要零部件

- RADIUS ADJUSTMENT Operational radius up to 3000mm subject to WLL reduction (1900mm maximum for EN795) 半徑調整 操作半徑可達3,000mm -工作荷重會減少 (1900mm最大荷重適合EN795標準)
- EASE OF ROTATION 360° rotation under full load with fingertip control

旋轉容易360°全負荷下旋轉只有指尖控制

- CORROSION RESISTANT Clean anodised finish to increase wear resistance 耐腐蝕,清潔,陽極化處理以增加耐磨性
- UNIVERSAL KINGPIN Mates with all 65mm sockets for sleeves for existing sockets). Also suitable for use with socket extensions 萬用主柱65mm套筒配合(或袖套適合現有套筒) 而且 可適合使用套筒的延伸
- SPECIFICATIONS
 - 2 lifting positions as standard (A&B)
- Twin shackles for index lifting and/or attachments for winching 規格
- -2吊升位置爲標準(A&B)
- -雙卸克作爲指數吊升和/或適合絞盤配

選項和升級: Options & Upgrades:



Integrated wheel carrier for reduced manual handling

含車輪携帶器可降低人工處理



- Beam radius adjustment
- 吊樑半徑可調節的
- Fall arrest (EN795:2012) and personnel winching
- 防墜落 (EN795: 2012) 和人員絞盤







重量輕,可攜式,安全吊舉解決方法是第一的

Alternative Variations 替代的變更

TYPE VS

Sliding beam T-DAVIT with <u>V</u>ariable radius <u>S</u>hackles

 $\underline{V}\!$ ariable $\underline{W}\!$ inched sliding beam 7-DAVIT with shackles & ergonomically positioned winch (upper or lower)

TYPE T Geared <u>Trolley</u> T-DAVIT

滑動樑T型吊桿含變化半徑卸克



可變化絞盤滑動樑T型吊桿含有卸克與人體工程學定位絞盤(上或下

齒輪小車T型吊桿

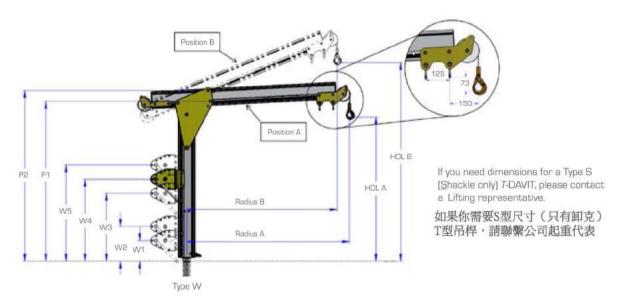








Type W Dimensions W型尺寸



Beam Option	1			2		3	4		
Position	А	В	А	В	А	В	А	В	
Radius (mm)	1000	925	1200	1110	1600	147B	2000	1850	
Load Rating 1 [kg]	50	00	400		300		250		
Load Rating 2 (kg)	(kg) 500		500		37	75	300		

Patricia Castina			H	leight of Lif	t (HOL) (mr	n]			Winch Position		P1	P2		
Column Option	А	В	Α	В	Α	В	Α	В	vinen	Position	E.	PE		
1	000	4454	000	4007	000	4000	000	4500	W1	190	000	108		
1	839	1151	839	1227	839	1380	839	1532	W2	320	982	100		
								1019 1712	W1	190				
2	1019	1331	1019	1407	1019	1560	1019		1712	1712	W2	320	1162	1261
									W3	625				
								2022	2022	2022	W1	190		1571
											W2	320		
3	1329	1641	1329	1717	1329	1870	1329				W3	625	1472	
											W4	755		
									W5	885				
									W3	625				
4	1644	1956	1644	2032	1644	2185	1644	2337	W4	755	1787	188		
										W5	885			
5	1954	5566	1954	2342	1954	2495	1954	2647	W5	885	2097	219		

Dimensions are to hook on Winched type above.

SOCKETS & EXTENSIONS 套筒和延身

套筒 SOCKETS

Lifting manufactures a range of 65mm and 95mm standard sockets to suit the needs of clients' davit mounting foundations, designed and tested for PORTA-DAVIT and T-DAVIT product families with CE requirements for Declaration of Conformity & Incorporation. Customised sockets can be developed for specialist requirements.

吊升生產範圍爲65mm和95mm標準套筒,以適 應客戶的需求吊桿的安裝基礎,設計和測試 適合鋁製-吊桿和T型吊桿產品系列並合格公司 聲明的CE需求。訂制套筒可製作專門的要求

- Flush Mount: 嵌入式安裝
 - Complete with cover and re-bars, for casting into concrete, and protective cover.
 - Complete with cover for resin bonding into existing concrete.
 - -完成含蓋和竹節鋼棒,適合鑄造成混泥土 和防護蓋
 - -完成含蓋適合樹脂結合到現有的混凝土
- · Top Mount: Suitable for bolting into existing concrete or steel structures - for simplicity or to provide additional davit height and reach.

頂部安裝:適用於螺栓連接到現有的混凝土 或鋼結構,爲簡單化或提供額外的吊桿高度

· Side Mount: Suitable for mounting on the side of concrete or steel structures. A brace plate can be supplied for thin-walled concrete.

側面安裝:適合安裝在混凝土或鋼結構的側 面。可提供支撑板適用於薄壁混凝土

· Bridge Mount: Suitable for bolting into steel structures. Designed to fit open mesh grating or flush with structural steel work

橋式安裝:適用於螺栓連接到鋼結構。設計 適合開放式網格柵或嵌入結構鋼工作

· Customised: Bespoke versions can be developed for non-typical installations.

訂製的:訂製的版本可開發非典型安裝。

All sockets are available in galvanised mild steel, passivated 316L stainless steel and yellow painted finish, with customisation available for specialised requirements.

所有套筒均採用熱浸鍍鋅低碳鋼,鈍化316L不銹鋼 , 鍍黃色面漆, 可依專門要求訂製。

SOCKET EXTENSIONS

Socket extensions are designed to provide additional height of lift, or to reach over obstacles, protective rails or walls for 65mm socket/kingpin products 套筒延長件設計用來提供增加的揚度或通過障 礙物,用於65mm套筒/主柱產品的保護軌或牆 Made with lightweight aluminium alloy with handles for lifting and carrying, Lifting socket extensions are very easy to use. They simply insert into the existing socket and the standard T-DAVIT or PORTA-DAVIT is assembled as normal using the extension as its socket. 由重量輕,鋁合金製成附把手適合吊升和攜帶, 我們吊升套筒延長件非常易於使用。 它們只需 插入現有的套筒,並且標準T型吊桿或鋁製吊桿 組合如正常使用延長件作爲套筒

Socket extension options 套筒延長選項

Socket extensions are available in three standard sizes and can be customised to requirements:

套筒延長件有三種標準尺寸並且可根據客戶 要求訂製:

- 500mm
- 1100mm
- 800mm
- Customised

Socket Extension Information: 套筒延長件資料

- · Can be used with 65mm davits combined with 65mm fixed sockets
- · Increases the height to the lifting eye by 500mm, 800mm or 1100mm as standard
- Portable and lightweight with carrying/lifting handles
- Safe use features
- Maintenance free
- Manual handling compliant

可與65mm 吊桿結合使用,結合65mm固定套筒 增加到吊眼的高度,以500mm,800mm或1100mm為標準 便攜式和重量輕含攜帶/吊升把手 安全使用功能

死維護

適合手動處理

DISCLAIMER: All sockets & extensions have been designed, developed and tested for safe use with equipment and form a key part of the integrity of the total system. Should non-standard third party sockets be used, Lifting's Declaration of Conformity & Incorporation on the products is negated, i.e. The system becomes the responsibility of the client.

觅責聲明: 所有我們套筒和延長 都經過設計,開發和測試,可與設備安全使用,並構成整個系統完整性的關鍵 零件。 如果使用非標準的第三方套筒,吊升的產品符合性和公司聲明被否定。 即這個系統成爲客戶端的責任。















Bespoke 訂製

Socket Extensions

Flush Mount 嵌入式安裝

Top Mount

Side Mount

AL-BASE AL-底座

Versatile, portable socket base for AL-DAVIT 500 systems.

多功能,便攜式套筒底座,適用於鋁製吊桿500系統







person







configurations

A truly innovative extension to the socket family to further support the flexible use of the AL-DAVIT 500 range. The most convenient socket without any need for a fixed socket installation.

AL 底座資料: AL-BASE Information:

- GOODS WLL Up to 500kg at a max. 1000mm radius
- PERSONNEL WLL Up to 120kg
- PORTABLE Packed in heavy duty protective bags for easy transportation and storage
- SPECIFICATIONS
 - Adjustable feet for uneven surfaces with spirit level fitted to each lea
 - For use with 65mm socket diameter
 - Suitable for clean environments
- ·貨品安全荷重可達500公斤在最大1,000mm半徑
- ·人員安全荷重可達120公斤
- · 便攜包裝在重型保護袋, 便於運輸和存儲
- · 規格 -用於不平坦表面可調節腳,每條腿附有水平氣泡儀
 - -適用於65mm套筒直徑
 - 適用於清潔環境

對我們套简系列的真正創新擴展,進一步支持 鋁製吊桿500系列範圍的靈活使用。最方便的套 简無需任何固定套筒安裝



Available as a 90°,180° and 360°, as well as the 270° counterbalanced version with up to 1000mm radius.

可提供如90°,180°,360°,以及270° 平衡版則最大可達1000mm半徑

AL-BASE is not suitable for use with socket extensions, AL-DAVIT QUANTUMs or T-DAVITS, Notified Body Approval Lloyd's Register (0038) 鋁製吊桿不適用於套筒延長,鋁製吊桿 量子或T-吊桿。認證機構勞氏船級社批准(0038)

AL-四方脚

Ultra lightweight and stable lifting structure perfectly designed for lifting heavy submersible pumps.

超輕和穩定的完美地吊升結構

設計為吊舉重型潛水泵

The strong, yet extremely lightweight, mobile AL-QUAD, is available in

WLL 500kg and 1000kg models. They are easily carried, assembled and

can be used by just 1 person, saving time, manpower and related expense. 強力,但極其輕便,移動四方脚,提供安全荷重 500kg和1,000kg的型號。

它們易於攜帶,組裝,只需1人即可使用,節省時間,人力和相關費用。

AL-四方脚資料 AL-QUAD Information:

- GOODS WLL Up to 500kg or 1000kg (depending on model)
- LIGHTWEIGHT & PORTABLE
 - Rapid on site assembly within manual handling guidelines
 - 2 heavy duty carry bags (maximum bag weight 18kg)
- CORROSION RESISTANT Clean anodised finish to increase wear resistance
- SPECIFICATIONS
 - 360° swivel locking castors for easy manoeuvring
 - Levelling feet option for easy use on most terrains
 - Highly stable structure vs Tripod
 - Can be supplied with directional lock or levelling feet

貨品安全荷重可達500公斤或1,000公斤(取決於型號) 重量輕和可攜帶的

- -依手册處理指南快速現場裝配
- -2個重型手提袋(最大袋裝重18kg)

耐蝕,清潔,陽極化處理以增加耐磨性

規格 -360°旋轉鎖住腳輪,方便操作

-對三腳架來講具高度穩定的結構





person



	WLL 500kg	WLL 1000kg
Base (mm)	1500 x 1500	5000 × 5000
Height to Lifting Eye [mm] 到吊眼高度	2150	3050
Weight Assembled (kg) 组合重量	28	36

- -平衡腳選項容易用在大部份地形
- -可以提供方向鎖住或水平腳

SPECIALIST SERVICES

專業服務



Customisation 客製化

More than an 'off the shelf' manufacturer, Lifting's commitment to creating innovative, efficient and safe lifting systems extends to us welcoming enquiries for customised products to meet specific requirements. Our flexible and effective designs enable customised manufacturing to meet a wide range of requirements.

In addition to this customisation service, we are pleased to work with clients to develop totally bespoke solutions for lifting challenges; jointly develop products for niche applications; develop solution accessories to improve effectiveness or user safety and to work with organisations to 'design in' our products into larger scale projects from an early stage.

很多現有的製造商,我們的起重承諾來產生創新, 高效率和安全的起重系統使我們擴展,歡迎的詢問 我們的靈活和有效的設計,使客製化製造以滿足廣 泛的要求。

除了這種客製化服務,我們很高興與客戶合作開發完全訂製的解決方案來應付挑戰;共同開發產品適合少數的應用;開發解決方案配件提高效率或用戶安全,並與組織合作,從早期階段就將我們的產品設計為大規模的項目。

Safe assembly, handling & 安全裝配操作 maintenance training 和維護培訓

Lifting provides safe assembly, operation and maintenance manuals and offers hands on training for all systems, either at our Chepstow facility or at the client's premises. This training is designed to ensure that the client can effectively and safely assemble and operate the equipment in the relevant configuration.

我們起重提供安全的裝配,操作和維護手冊, 並在我們的工廠或辦公室提供所有系統的培訓 。本培訓旨在確保客戶能夠有效和安全地組裝 和操作相關配置中的設備

Consultancy services

諮詢服務

Lifting will be pleased to provide consultancy support for the development of:

- · Customised product developments
- · Full 'design in' applications
- · Bespoke solution development
- Joint product development

我們的吊升將很樂意提供諮詢支持開發:

- -客製化產品開發
- -全[設計在內]應用
- 訂製解決方案開發
- -聯合產品開發

Further information and support 更多信息和支持

Further information and support can be found on our website 更多信息和支持可以在我們的網站上找到

Or simply request: 或者簡單需求:

- A presentation or demonstration
- Sales support visit
- Brochures
- Product data sheets
- Joint marketing campaign development mailers, adverts, exhibition attendance, etc
- Consultancy discussions
- Lunch and learn events

簡報或展示 銷售支持拜訪 目錄

產品數據表

聯合營銷活動開發郵件,廣告,展覽會等 諮詢討論

午餐和學習活動

QUALITY & SAFETY

質量和安全

Quality and Safety Accreditations 質量和安全認證

Quality and safety are key themes throughout this document and the Lifting ethos.

藉由文件和我們吊升精神,質量和安全是整個關鍵主題

It is with this in mind that we have undertaken external accreditations to ensure we stay focused on what is important to our clients and users, and ahead of market trends and developments. Lifting is continuously audited by Lloyds Register Quality Assurance (LRQA) (CE body no. 0088) for approval of its Integrated Management System combining quality systems management, environmental issues and the Health and Safety practices within the company. Furthermore our products are subject to type examinations by witnessed testing and review of technical files which are carried out by SGS UK (CE body no. 0120).

請記住這一點,我們已經進行了外部認證,以確保我們保持專注於我們的客戶和用戶重要的事,並領先於市場趨勢和發展。我們吊升(設備)需由勞式註冊質量保證(LRQA)(CE機構編號0088)作持續審核批准其綜合管理系統結合了質量體系管理,環境問題和公司內部的健康和安全實踐[CE]-Conformité Européenne

(CE) 符合歐洲標準

Lifting's products have been designed, tested and approved (as appropriate) to CE requirements. This certifies that Lifting's products meet the demands of the European Directives regarding health and safety requirements.

我們的吊升產品已經過設計,測試和批准(根據 需要)符合CE要求這證明了我們的的產品滿足歐 盟關於健康和安全要求的規則

Lifting holds the following certifications 我們的吊升的(產品)擁有以下認證

ISO 9001:2008 - Specifies requirements for a quality management system for any organisation that needs to demonstrate its ability to consistently provide products that meets customer and applicable regulatory requirements and aims to enhance customer satisfaction.

ISO 9001:2008 -對任何需要證明其能力的組織的質量管理體系的特定要求,一致地提供滿足客戶和適用法規的產品,並旨在提高客戶滿意度。ARTICLE 11B - Specifies a quality system to comply with the strict requirements of producing a product to the PPE Directive 89/686/EEC.

第11B條 - 指定一個符合嚴格生產產品要求的質量體系根據PPE 89/686 / EEC管理

ISO 14001:2004 - Specifies the requirements for implementing environmental management systems throughout all areas of the company.

ISO 14001:2004 - 指定實施環境管理系統在公司的所有領域的要求

The Queen's Award for Enterprise Innovation:

Lifting has been awarded this prestigious award for innovative design and development of lightweight, portable and safe lifting solutions, in both 2006 and 2013.





企業的女王獎: 企創新2006年 創

企業的女王獎:

我們的吊升的(產品)在2006年和2013年獲得了 創新設計和重量輕開發的著名獎項,可保護和安 全的起重解決方案

Testing

測試 review are inte

Testing and Technical File review are integral parts of our design and manufacturing process. External verification of products is undertaken where appropriate, using government approved Notified Bodies.

測試和技術文件審查是我們設計和製造過程的部分。外面產品驗證由使用政府批准的認證機構進行。 All products have been thoroughly type tested at UKAS accredited laboratories. Each system is supplied with a certificate of conformance and individual record of thorough examination or test.

所有產品已在UKAS認可的實驗室進行了徹底的型式試驗。提供每個系統具有合格證書和徹底檢查或測試的各別記錄。

Full product design & development Technical Files are available for inspection.

完整的產品設計和開發技術文件可供檢查

OHSAS 18001:2007 - Occupational health and safety managements systems.

OHSAS 18001:2007 - 職業健康和安全管理 人員系統

LEEA Membership - Lifting is a full member of the Lifting Equipment Engineers Association (LEEA membership 000897). Lifting conforms to the main aims of the association which is to achieve the highest standards of quality and integrity in the operations of members. Entry qualifications are demanding and strictly enforced through technical audits based on the Technical Requirements for Members.

LEEA會員 - 我們的吊升產品是起重設備工程師協會(LEEA會員000897)的正式成員。 我們的吊升產品符合協會的主要目標,即在成員的操作中實現最高質量和誠信標準。入會資格需求並嚴格地强制通過基於會員技術要求的技術審核。







