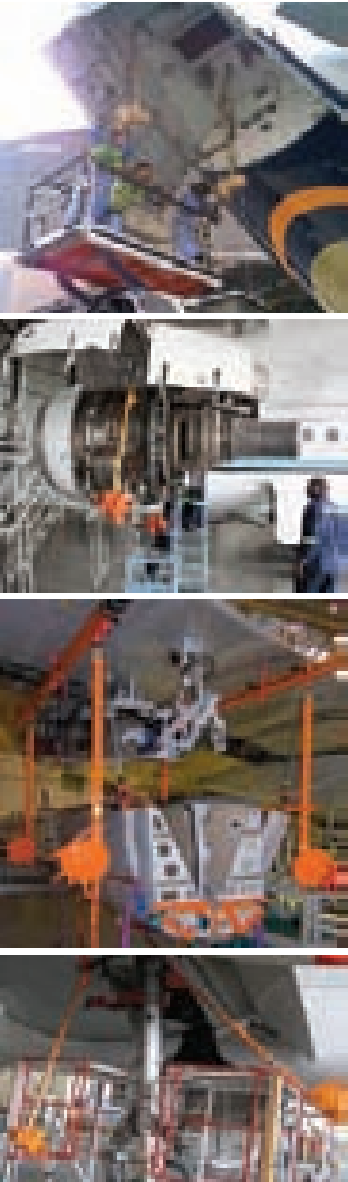


# THE WORLD LEADER IN CIVIL AVIATION MAINTENANCE HOISTS

SPECIFIED BY:  
AIRBUS, BOEING,  
DASSAULT, FOKKER,  
EMBRAER, SUKHOI  
AND OTHER  
AIRCRAFT  
MANUFACTURERS



Used around the world for the removal and installation of:

- Landing gear and landing gear components
- Engines
- APUs
- Actuators
- Ram air turbines
- Wing fairings
- Air conditioning units
- Thrust reverser nozzles
- Rescue chutes
- Landing gear doors
- Cargo doors
- Ailerons and spoilers
- Rudders
- Various batteries
- Electric packs

**DEMAND THE BEST**

**didbury**  
AVIATION

# WORLD RENOWNED FOR INNOVATION, SERVICE & QUALITY

## DIDSBURY HOISTS HAVE BEEN IN USE IN THE AVIATION INDUSTRY FOR OVER 70 YEARS

Specified by Airbus, Boeing, Dassault, Fokker, Embraer, Sukhoi and many other aircraft manufacturers and routinely used across the world on the vast majority of assembly lines and in

most MROs and airline maintenance hangars. Didsbury hoists have become the standard demanded by maintenance professionals providing control, precision and above all, safety.

We design, develop, manufacture, service and repair hoists for use on all types of aircraft. Over the years Didsbury has grown into a world renowned company offering innovation,

quality and service to aircraft manufacturers, their licensees, maintenance and repair centres and airlines around the world.

Based in Manchester, England with sales and service centres in Singapore, USA, Dubai, Germany and Italy, our aim is to delight our customers whatever their requirement for aviation hoists might be.



## WHAT WE OFFER

If you need to remove or install any aircraft component whether it is in a very confined space or readily accessible, we can provide the right tooling for you.

## PRODUCT DESIGN FOR AIRCRAFT MANUFACTURERS

For aircraft designers and manufacturers we provide a complete hoist design, development and prototyping service.

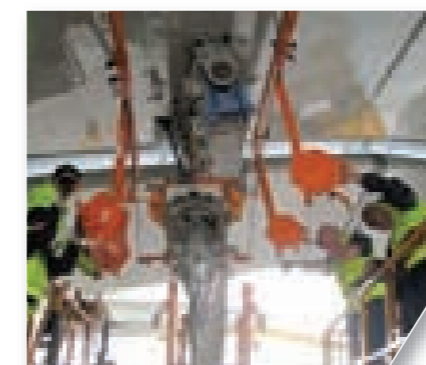
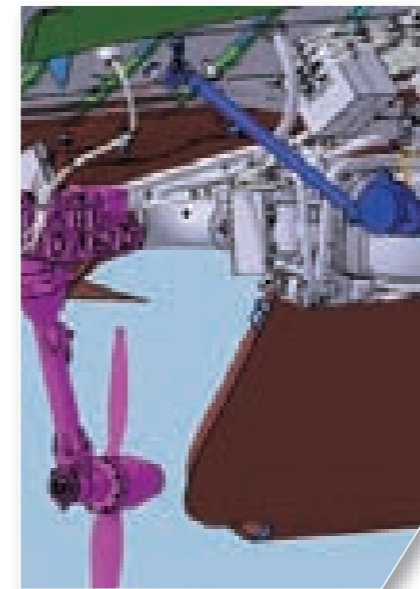
The best solutions are inevitably found by close collaboration with our customers. By working with aircraft manufacturers and operators, our engineers provide practical, efficient and cost effective solutions to lifting problems.

By exchanging CAD files during the design phase, clashes can be eliminated before prototype production and trials, significantly speeding up development time.

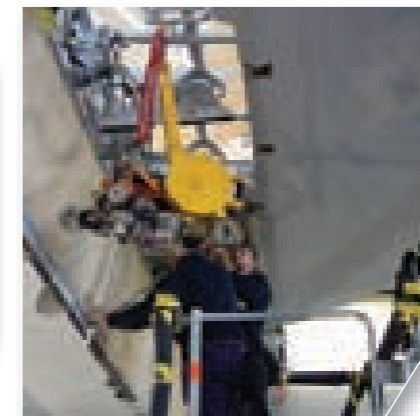
We have earned a worldwide reputation for our unrivalled design and engineering capabilities which have

enabled Didsbury to develop lifting and handling solutions for many generations of aircraft.

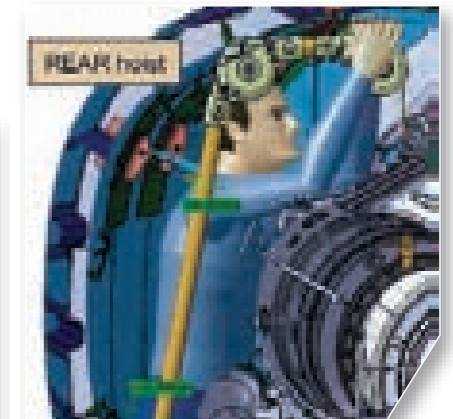
If you are an aircraft manufacturer or a system supplier and you have a need to lift, remove or install an item, contact us we will be very pleased to help you design the perfect solution for you and your customers.



Ram air turbine removal / installation



Actuator removal / installation



APU removal / installation

# FULLY TESTED, SAFE & TROUBLE-FREE

## SUPPORTING FINAL ASSEMBLY LINES AND MAINTENANCE TEAMS

For assembly line and maintenance teams we provide a wide range of hoists each specifically designed for the task and fully tested and approved by the aircraft manufacturers and listed in their tooling equipment manuals (TEMs) and aircraft maintenance manuals (AMMs).

We want to make it as straightforward as possible for you to select the correct Didsbury hoist for your application.

We also want you to enjoy safe, trouble

free use of your Didsbury hoists.

### That is why we provide:-

**A web-based search capability.** To identify the correct Didsbury hoist – [www.didsbury.com](http://www.didsbury.com)

**Application sheets.** Detailing all the components in each hoist kit.

**Operating manuals.** Providing detailed safe operating procedures.

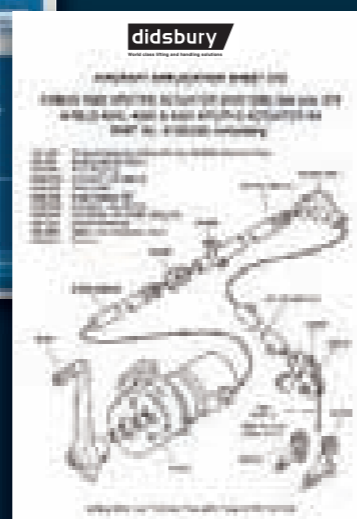
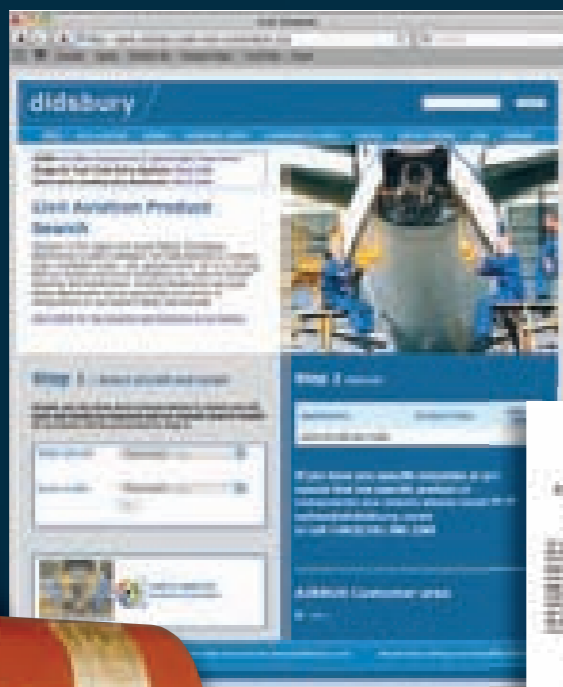
**Specific operating advice and training.** If you are unsure about any Didsbury products, please contact us.

### Global service, support and

**repair centres.** Each service and repair centre has fully trained engineers and use only Didsbury approved parts.

**Various attachments to suit individual requirements.** We can reduce your tooling budget by providing the minimum additional attachments to modify your existing hoist kits to carry out other lifting applications. Please contact us for details.

**Powered systems.** Available to take the effort out of long lifts.



## MINIMISE YOUR TOOLING BUDGET

Most aircraft assembly lines and maintenance and repair organisations around the world usually have a number of Didsbury hoists.

Some companies decide to have separate hoist kits for each lifting application whilst others supplement their winding mechanisms with a range of tubes, couplings, top sheaths and lifting attachments to carry out various lifting applications.

Individual hoist kits for specific applications can be packed in purpose made flight cases.

Or, we can supply purpose built flight cases with the correct winding mechanisms and components to carry out all of your operational requirements in one pack.

Or, you can choose to have hoists which are used on a specific aircraft type packed together.

Whatever your tooling philosophy, we will be pleased to advise on the lowest cost option and most suitable packaging.

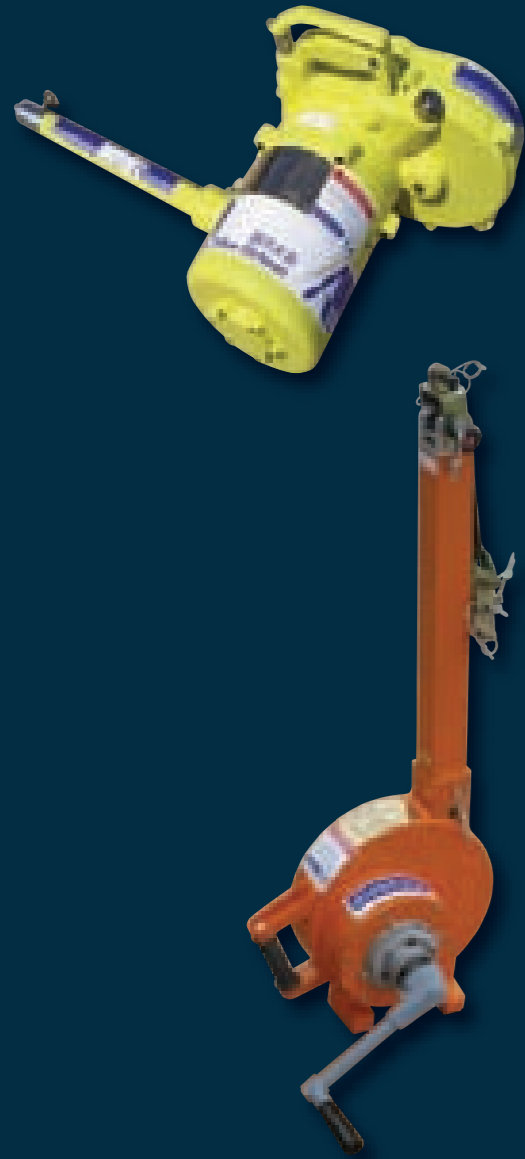


# OUR PRODUCT HAS NEVER FAILED!

## TRUST THE SPECIALISTS IN AVIATION HOISTS

Our team of engineers and designers ensure you have exactly the right equipment to make your maintenance task as easy, safe and cost-effective as possible.

Didsbury hoists are light and portable with quick fitting attachments that can be assembled in a variety of configurations to suit specific lifting requirements. Each hoist and component can be powder coated in your chosen colour, providing a durable finish which can even be branded with your own logo.



## YOUR LOAD IS SECURE AND YOU ARE SAFE

Our product has never failed.

When you buy a Didsbury hoist it will last a lifetime. Many maintenance organisations have hoists that are well over 20 years old and with annual servicing will probably last another 20 years.

## THE RIGHT DESIGN

Didsbury hoists have a number of in-built safety features:-

- A totally enclosed cable drum preventing snagging of cable
- Unique cable layering system allowing cable to be wound in or out with or without load on hook
- Easy cable wind out facility allowing easy feed out of cable without pulling
- Fast accurate and controlled descent with wind facility for final positioning
- Two speed manual operation with air drive option for powered lifting, minimising operator fatigue
- Simple but effective dual braking system
- Instantaneous fail safe, ensuring load never falls out of control
- Low operator effort required on over-load protection winding handle
- Various quick change robust cable end fittings.

## DESIGNED TO AVOID KINKED CABLES

Hoists should be designed to lift loads safely with the minimum of effort for the operator. A common problem that has challenged hoist manufacturers has been eradicating the issue of 'kinked cables'.



Kinked cables are dangerous. Didsbury hoists have been produced with a number of special features specifically designed to avoid this common problem.

## VARIOUS OPTIONS TO SUIT YOUR NEEDS

You can specify whether you want a hoist with Governor Controlled descent capability or a wind up wind down mechanism.

Also, all Didsbury civil aviation hoists have the option to attach an air drive to reduce the effort on long lifts, if required.



## ROBUST, RELIABLE WITH AROUND THE CLOCK SUPPORT

Didsbury fully understands that a customer's operational equipment has to be robust, reliable, in prime working order and backed up by a support network that is knowledgeable and accessible around the clock.

Didsbury operates from a modern purpose built factory close to

Manchester International Airport providing excellent travel and communication links with the UK, Europe and worldwide destinations.

The facility provides full support for a wide range of hoisting equipment as well as storage facilities for a comprehensive range of spare parts. This helps to ensure that equipment returned for maintenance, refurbishment or repair is returned to the customer as promptly as possible.

Alongside the state-of-the-art manufacturing capability, the factory also houses a dedicated Customer Support Unit operated by a team of experts. They are on hand to answer questions, offer advice and provide solutions on any issues that may arise regarding Didsbury equipment.

If the return of equipment to Didsbury is not practical, then one of our Didsbury trained repair agents, strategically sited around the world, will look after your hoist using manufacturer approved parts.



# EXCELLENCE

## ↘ Didsbury Engineering Company Ltd

Lower Meadow Road,  
Brooke Park, Handforth,  
Wilmslow, Cheshire,  
United Kingdom,  
SK9 3LP

**Sales Contact:** Stephen McCarthy

**Service Contacts:** Mark Tait or Simon Stack

**Tel:** +44 (0)161 486 2200

**Fax:** +44 (0)161 486 2211

**Email:** [stephen.mccarthy@didsbury.com](mailto:stephen.mccarthy@didsbury.com)  
[mark.tait@didsbury.com](mailto:mark.tait@didsbury.com)  
[simon.stack@didsbury.com](mailto:simon.stack@didsbury.com)

## ↘ Hydro Systems KG

Ahfeldstrasse 10, D-77781  
Biberach,  
Baden,  
Germany

**Contact:** Christian Hug

**Tel:** +49 (0)7835 787 570

**Fax:** +49 (0)7835 787 857

**Email:** [Christian.Hug@hydro.aero](mailto:Christian.Hug@hydro.aero)

## ↘ Hydro Systems USA Inc.

1220 37th St NW,  
Suite 101,  
Auburn, WA 98001  
United States of America

**Contact:** Michael Barsoski - VP Operations

**Tel:** +1 (253) 218 0539

**Fax:** +1 (253) 876 2110

**Email:** [Michael.Barsoski@hydro.aero](mailto:Michael.Barsoski@hydro.aero)

## ↘ HYDRO Systems Middle East

Dubai Airport Free Zone,  
West Ring Road,  
Plot W20 & 22  
P.O Box 54309,  
Dubai,  
United Arab Emirates

**Contact:** David Bergknecht

**Tel:** +971 (0)47 03 04 07

**Mobile:** +971 (0)50 24 00 896

**Email:** [David.Bergknecht@hydro.aero](mailto:David.Bergknecht@hydro.aero)

## ↘ Singapore Test Services Pte Ltd

Industrial Safety,  
249 Jalan Boon Lay,  
Singapore 619523

**Contact:** Foo Kok Tan

**Tel:** +65 6 660 7390

**Fax:** +65 6 265 1079

**Email:** [stsmmed.kinetics@stengg.com](mailto:stsmmed.kinetics@stengg.com)

## ↘ Chiarlone Officine s.r.l

Loc. Vendole 1  
12040 Corneliano d'Alba (CN),  
Italy

**Contact:** Davide Chiarlone

**Tel:** +39 (0)173 619 268

**Fax:** +39 (0)173 619 059

**Email:** [davide.chiarlone@chiarlone.com](mailto:davide.chiarlone@chiarlone.com)

[www.didsbury.com](http://www.didsbury.com)

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AVIATION