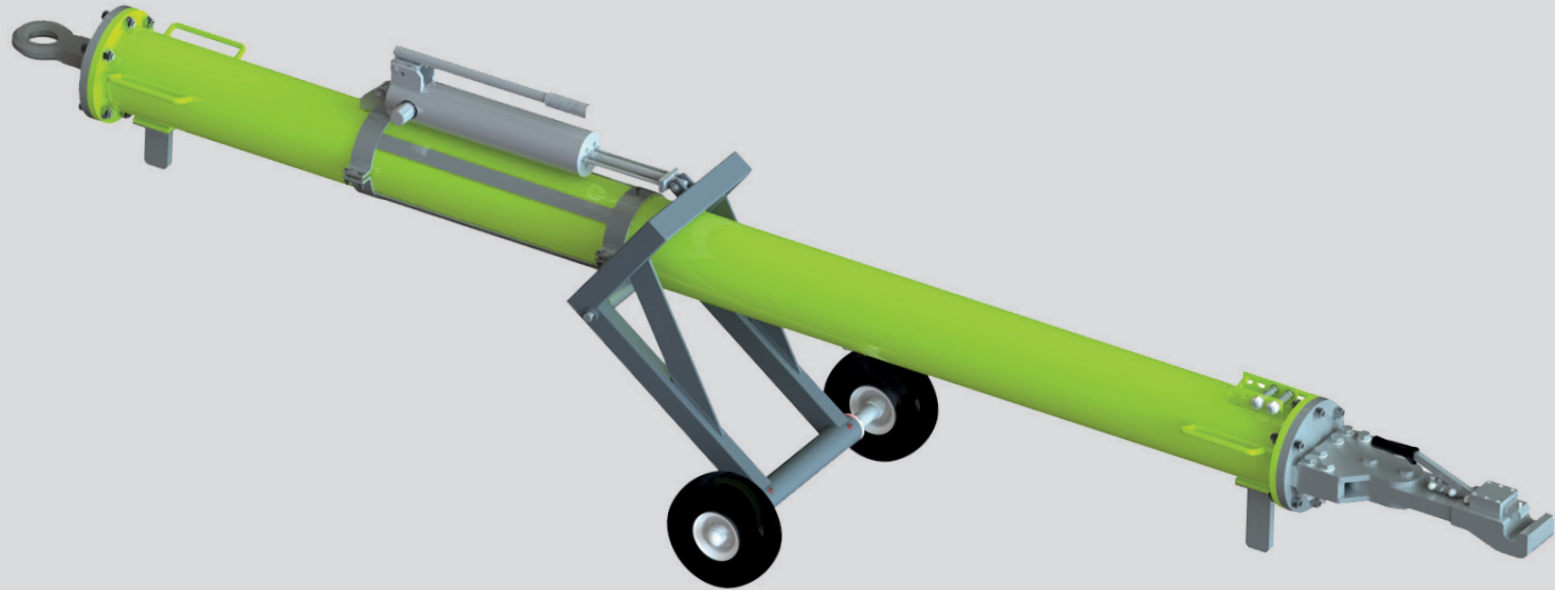




In safe hands.



TOW-BARS PRODUCT CATALOGUE



TOW-BARS FOR COMMERCIAL AIRCRAFT



TOW-BARS FOR MILITARY AIRCRAFT



TOW-BARS FOR REGIONAL AIRCRAFT

<p>Max:</p> <p>560</p> <p>tons push/pull for A380</p>	<p>65%</p> <p>of our customers choose the standard tow-bar version</p>	<p>15%</p> <p>choose the multi version, designed for use with multiple aircraft</p>	<p>At least</p> <p>10</p> <p>years of spare parts availability</p>
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TOW-BAR MODELS FOR COMMERCIAL AIRCRAFT

Manufacturer	Aircraft	Standard tow-bar	Universal tow-bar	TOWMULTI multiple applications	TOWMULTI towhead	Fly-Away tow-bar
AIRBUS	A220-100, A220-300	TOWCS300S	TOWUNIV7S			TOWCS300F
	A300, A310	TOWA300-AS (lockpin type)		TOWMULTI1S	TOWHEAD-1J (lockpin type)	TOWA310-L-8 (lockpin type)
		TOWA300S (clamp type)			TOWHEAD-1D (clamp type)	TOWA310-C-8 (clamp type)
	A318, A319, A320, A321, A319neo, A320neo, A321neo	TOWA320S	TOWUNIV3S TOWUNIV9S TOWUNIV7S	TOWMULTI-2	TOWHEAD-2C	TOWA320F
	A330-200, A330- 200F, A330-300, A330-800, A330-900	TOWUNIV4S	TOWUNIV8S	TOWMULTI1S	TOWHEAD-1A	TOWA330-C-8
	A340-200/ -300	TOWUNIV4S	TOWUNIV8S	TOWMULTI1S	TOWHEAD-1A	
	A340-500/ -600	TOWA345S				TOWA345-C-8
	A350-900/ -1000	TOWUNIV4S	TOWUNIV8S	TOWMULTI1S	TOWHEAD-1A	TOWA350-C-8
	A380	TOWA380S				TOWA380F
	BOEING	B707	TOWB707S		TOWMULTI1S	TOWHEAD-1L
B717		TOWMD80-L				
B727		TOWB727S				
B737-300/ -400/ -500/ -600/ -700/ -800/ -900/ -7/ -8/ -9		TOWB737S	TOWUNIV3S TOWUNIV7S	TOWMULTI-2	TOWHEAD-2B	TOWB737F
B747		TOWB747S		TOWMULTI1S	TOWHEAD-1E	TOWB747-C-8
B757		TOWB757S		TOWMULTI1S TOWMULTI-2	TOWHEAD-1F TOWHEAD-2H	TOWB757-C-8
B767		TOWUNIV4S	TOWUNIV8S	TOWMULTI1S	TOWHEAD-1A	TOWB767-C-8
B777-200/ -300/ -200LR/ -300LR		TOWUNIV5S	TOWUNIV8S	TOWMULTI1S	TOWHEAD-1N	TOWUNIV5F
B787-8/ -9/ -10		TOWUNIV5S	TOWUNIV8S	TOWMULTI1S	TOWHEAD-1N	TOWUNIV5F
MCDONNELL DOUGLAS		DC-3				
	DC-8	TOWDC08-L				
	DC-9	TOWMD80-L		TOWMULTI-2	TOWHEAD-2D	
	MD80, MD90	TOWMD80-L		TOWMULTI-2	TOWHEAD-2D	
	DC-10-30/ -40, MD11		TOWUNIV6S	TOWMULTI1S	TOWHEAD-1N	
ANTONOV	AN-12	TOWAN12-L		TOWMULTI-2	TOWHEAD-2G	
	AN-30	TOWAN26-L				
	AN-32	TOWAN26-L				
	AN-124	TOWAN124-L				TOWAN124-L-001
ILYUSHIN	IL-18	TOWIL18-L				
	IL-62	TOWIL62-L				
	IL-76	TOWIL76-L				TOWIL76-L-8
	IL-86	TOWIL86-L				
	IL-96	TOWIL96S	TOWUNIV4S	TOWMULTI1S	TOWHEAD-1A	TOWIL96-C-8
TUPOLEV	TU-134	TOWT134-L		TOWMULTI-2	TOWHEAD-2E	
	TU-154	TOWT154-L				
	TU-204/ TU-214	TOWT204-C		TOWMULTI1S	TOWHEAD-1G	TOWT204-C-1+8
COMAC	C919		TOWUNIV7S			
IRKUT	MC21		TOWUNIV7S			

TOW-BAR MODELS FOR REGIONAL/ BUSINESS AIRCRAFT

Manufacturer	Aircraft	Standard tow-bar	TOWMULTI multiple applications	TOWMULTI towhead	Fly-Away tow-bar
ANTONOV	AN-24/ -26/ -72/ -74	TOWAN26-L			
	AN-140/ -148	TOWAN148-C			TOWAN148-C-1+8
ATR	ATR42/ ATR72	TOWATRAS	TOWMULTI3S	TOWHEAD-3U	TOWMULTI3F
BAE SYSTEMS/ AVRO	BAE 146, RJ70, RJ85, RJ100, RJ115	TOWAVRO-C			TOWAVRO-C-1+8
BOMBARDIER/ CANADAIK/ DE HAVILLAND	CRJ-100/ -200/ -700/ -900/ -1000	TOWREGIS			
	Dash7		TOWMULTI3S	TOWHEAD-31J	TOWMULTI3F
	Dash8-100/ -200/ -300		TOWMULTI3S	TOWHEAD-3A	TOWMULTI3F
	Dash8-Q400		TOWMULTI3S	TOWHEAD-3B	TOWMULTI3F
	GlobalExpress	TOWGLOB-L			
	Challenger 300	TOWCL300-L			
	Challenger 850	TOWREGIS			
	CS-100/ -300	TOWCS300S			TOWCS300F
COMAC	ARJ21-700				TOWARJ21-C-1+8
DASSAULT/ FALCON	Falcon 7X		TOWMULTI3S	TOWHEAD-310	TOWMULTI3F
	Falcon 10/20/100/200		TOWMULTI3S	TOWHEAD-3R	TOWMULTI3F
	Falcon 50EX/ 900DX/ 900EX/ 2000DX/ 2000EX		TOWMULTI3S	TOWHEAD-3S	TOWMULTI3F
DORNIER	DO328	TOWD328-L			
EMBRAER	ERJ-145	TOWE145-L	TOWMULTI3S	TOWHEAD-3F	TOWMULTI3F
	LINEAGE 1000	TOWE1701S			TOWE1701-C-1+8
	EMBRAER 170/ 175/ 190/ 195	TOWE1701S			TOWE1701-C-1+8
	EMBRAER E190-E2/ E195-E2	TOWUNIV9S			
FOKKER	F-27	TOWFO27-L			
	F-28	TOWFO28-L			
	Fokker 50/ 60	TOWFO50-C	TOWMULTI3S	TOWHEAD-3Q	TOWMULTI3F
	Fokker 70/ 100	TOWFO70S			TOWFO70-C-1+8
GULFSTREAM	GV/ G350/ G450/ G500/ G550		TOWMULTI3S	TOWHEAD-3G	TOWMULTI3F
SAAB	Saab 340/ -2000	TOWSAAB-L	TOWMULTI3S	TOWHEAD-3D	TOWMULTI3F
SOCATA	TBM700/-850/ -900/ -910/ -930		TOWMULTI3S	TOWHEAD-31U	TOWMULTI3F
SUKHOI	RRJ-95 / SSJ 100-95	TOWRRJ-C TOWUNIV7S			TOWRRJ-C-1+8
YAKOVLEV	Yak-40	TOWYK40-L	TOWMULTI-2	TOWHEAD-2L	
	Yak-42	TOWYK42-L	TOWMULTI-2	TOWHEAD-2K	

TOW-BAR MODELS FOR MILITARY AIRCRAFT

Manufacturer	Aircraft	Standard tow-bar	TOWMULTI multiple applications	TOWMULTI towhead	Fly-Away tow-bar
AIRBUS HELICOPTERS	Tiger	T322G10T0005, TOWBARTIGER-C			
	AS532 Cougar				TOWCOUG-C-8
ANTONOV	AN-178	TOWAN178-C			
BAE SYSTEMS	Taranis		TOWMULTI3S	TOWHEAD-31V	TOWMULTI3F
BOEING-VERTOL	CH-47	TOWCH47-L			TOWCH47-L-1+8
EADS CASA	C-295, CN235	TOWC295-L	TOWMULTI3S	TOWHEAD-31E	TOWMULTI3F
	A400M	TOWA400-C			TOWA400-C-4+8
EUROFIGHTER	Typhoon	TOWEF20-L			
HINDUSTAN AERONAUTICS	HJT-36 Sitara	TOWIJT36-L			
LOCKHEED	C-130	TOWC130-C			
	F-16	AS68			
	F-35	TOWF35S			
MIL	MI-8		TOWMULTI3S	TOWHEAD-31R	TOWMULTI3F
	MI-26	TOWMI26-L			
NATO HELICOPTER IND.	NH90	TOWNH90-L			
SIKORSKY	CH-53	TOWCH53-L			
TRANSALL	C-160	TOWC160			

HYDRO TOW-BARS: THE INSPIRING BEST PRACTICE SOLUTION

” As a company, dnata are expanding throughout the UK, having opened new operations in London Heathrow and Manchester airports. To support our customer airlines, HYDRO have become the preferred supplier for aircraft tow-bars. The reasons are simple; the package is excellent from customer services, quality of product, after sales support to delivery times. We consider HYDRO to be the world leader in design and safety aspects giving confidence for use in our operation. Tight schedules have not been a problem as HYDRO have been working in partnership to help us achieve them. ”

John Edmunds, Business Manager at dnata

” Our ground handling team at Dubai airport (DXB) currently has two HYDRO towbars (model TOWUNIV8S20SH1) in service since February 2019. They have been performing very well thanks to their flexibility in service for aircraft ranging from A350 to B777/ 787. We're very satisfied with the technical support and service we have received from HYDRO. ”

Robert Powell

Vice President - Technical Services dnata

TOW-BAR MODELS



STANDARD

Our standard tow-bars are available for aircraft towing and pushback operations of civil or military aircraft. They are suitable for one dedicated aircraft or aircraft family.



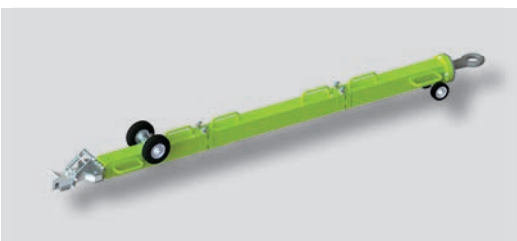
UNIVERSAL

The universal tow-bars are specially designed to suit multiple aircraft types. The universal tow-bar is fully equipped with multi-purpose tow head, tow-eye and undercarriage.



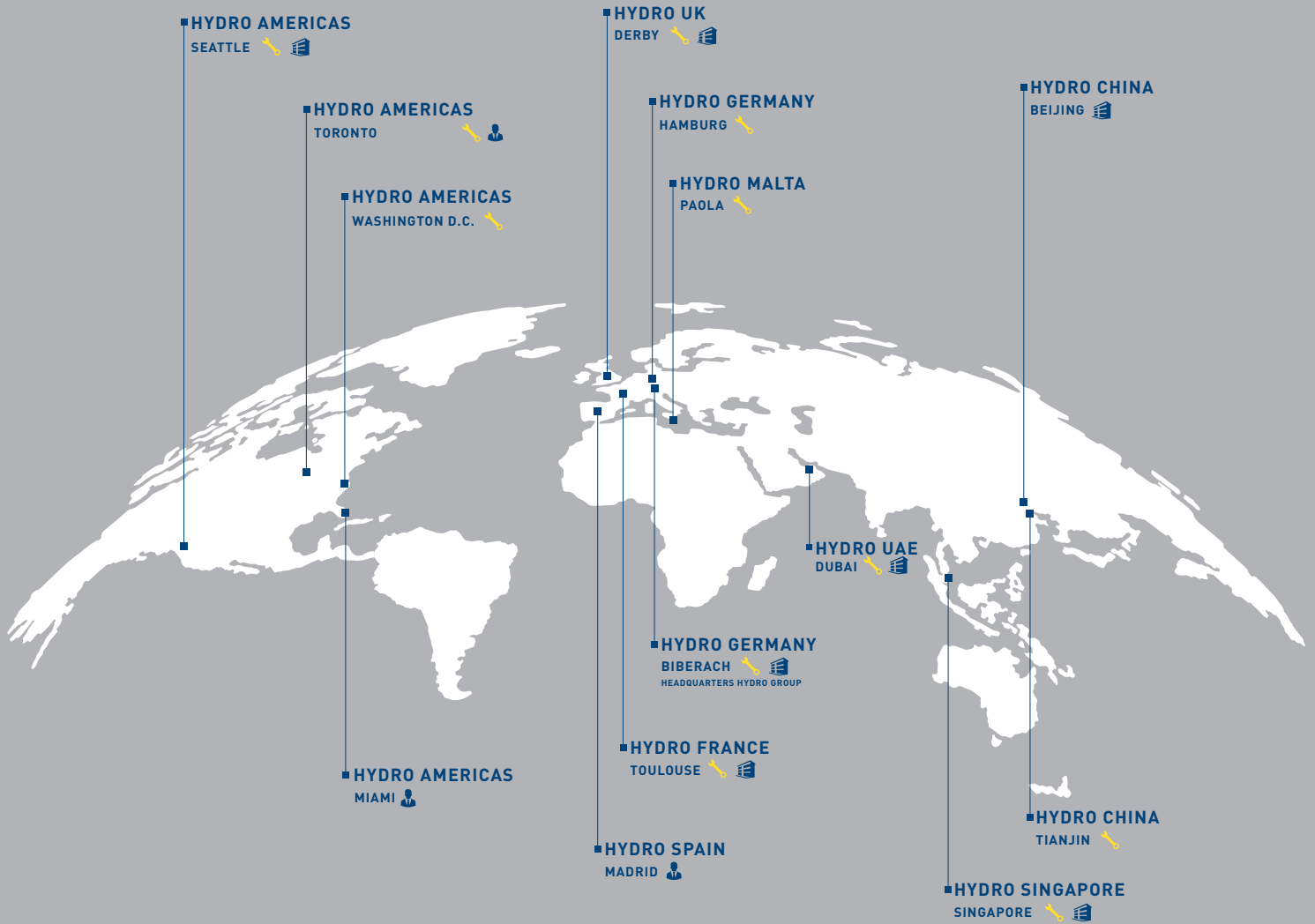
TOWMULTI

Our TOWMULTI system allows you to handle all different types of business and regional aircraft by simply replacing the tow head. This modular concept provides maximum flexibility and simplifies equipment maintenance radically.



FLY-AWAY

Our fly-away tow-bar has been specially designed for fly-away conditions. The fly-away tow-bar allows easier handling with maximum precision and offers a lightweight design.



WORLDWIDE FOOTPRINT



SALES REPRESENTATIVE



SERVICE CENTER



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HYDRO
Precision in Aircraft Support

In safe hands.