



## Tow bars

### INTRODUCTION

The Cavotec tow bars can be used to tow aircraft of all major manufacturers. They feature aircraft-specific adapters with overload protection. There are different configurations of adapter interface, shock absorption, carriage size and tube length available.

### ADVANTAGES

- Tow bar well balanced, no need for counter wheels
- Overload protection via shear pins (except Mini tow bar)
- Security bolt keeps adapter and tube connected if shear pins break (except Mini tow bar)
- Carriage extendable via manually operated hydraulic pump for standard and universal tow bar
- Paint color according to customers choice

### MAIN COMPONENTS

- Steel or aluminum tube
- Adapters designed for specific aircraft type
- Lockable claws or pins grip the aircraft nose gear
- Carriage with solid rubber or pneumatic tires

### OPTIONS

- Different lengths of tube for standard and universal tow bar
- Different sizes of carriage for standard and universal tow bar
- Swinging axle for standard and universal tow bar
- Adapter torsion for standard and universal tow bar
- Shock absorber
- Pivoting tow eye

### MODELS

- Standard Tow bar
- Flying Tow bar
- Universal Tow bar
- Mini Tow bar



Standard Tow Bar



Flying Tow Bar



Universal Tow Bar



## TECHNICAL CHARACTERISTICS

Tow Bar Type	Tube length (mm)	Tube ø (mm)	Carriage size (mm)	Wheel size ø (mm)	Weight (kg)	Material	Number of Aircraft types
Standard	4,400 6,585	114-220	580-960	250-410	180-535	Steel or Aluminium	>40
Flying	2,400	114-220	-	-	50-80	Aluminium	3 Airbus
Universal	4,400 6,585	159-220	580-960	250-410	180-535	Steel or Aluminium	>40
Mini	Max. overall length 3,100	70	-	300	170	Steel	<30 max 13.000kg take off weight

## EXAMPLES OF TOW BAR TYPES

Aircraft types		
Airbus 300/310/318/319/320/321/ 330/340/200-300/500-600/380	DO 328	IL 76, 76MD
AN12,24,26,30,32	EMB 120	IL 18
ATR 42/72	EMB 135/145	IL 62
B707/727/737/747/757/767/777	EMB 170/175/190/195/ERJ190/195	IL 86
BAC.1.11	F27	L188 Elektra/Lockhead P3C
BAE 125/ HS 125	F28	Lockheed C130 Hercules/L382
BAE 146/AVRO/HS146/RJ85/RJ100	F50	Saab 2000
Bombardier Global Express BD-700	F70	Saab 340/SF340
Challenger CL600,601,604,605	F100	TU 134
CRJ 100/200, 700/900/1000	F100/70 (compatible)	TU 154
Dash 7,8,8-400	Falcon 10/20/100/200	TU 204/TU214
DC 8	Falcon 50/90/900	YAK 40
DC9/MD80-83/87/88/90/95/B717	Falcon 2000	YAK 42
DC10/L-1011/MD11	Gulfstream II-V	
Small Aircraft (Mini Tow Bar)		
Cessna, Eclipse	Gulstream, Jetstram, Learjet	Rytheon, Saab
Fairchild, Metro	Piaggio, Pilatus, Piper	Shorts, Sino swearingen

The Division Cavotec Fladung is only a manufacturer of aircraft tow bars. It is the customer's own responsibility to verify that the tow bar can be used with the aircraft type and model of aircraft tractor. Please contact us for any further assistance you may require.