

# CHS Controls

Windssocks - Wind cones





Windssocks - wind cones are used to display wind direction and to a certain degree the wind speed. Wind cones are installed at airports, heliports and on locations such as along roads with high and varying wind forces and on bridges.

Authorities like fire departments may require that wind cones are installed on industries where there is a risk of release of hazardous substances.

We offer wind cones for industrial use, bridges and roads in two different sizes and with different mast heights.

Our wind cones for airports and heliports are available with lighted windsack and with obstruction light. The wind cones are in compliance with international standards.

## Windssocks - Wind cones

For industrial use, bridges and roads

### Catalogue numbers

		IAWI-S30-B-M200-ND
<b>Type</b>	IAWI	Windsack - wind cone for industrial use, bridges and roads
<b>Windsack size</b>	S30	300 mm diameter, length 1800 mm
	S40	400 mm diameter, length 2500 mm
<b>Wind sock colour</b>	B	Red/white
	O	Orange
<b>Pole height</b>	M200	Pole height 2000 mm to the bottom edge of the windsack
	M390	Pole height 3900 mm to the bottom edge of the windsack
<b>Mounting</b>	ND	Fixed ground base
	LD	Ground base with lowering device
	WM	Wall mount fixture

### Technical data

#### Material

Pole  
Windsack revolving basket  
Windsack

Galvanised 42 mm steel tube, wall thickness 2 mm  
Galvanised steel basket, pivoting  
Nylon, UV resistant

#### Environment

Max wind speed

≤ 33 m/s, design value

## Windssocks - Wind cones

For airports and heliports

### Catalogue numbers

		ALPAP-900-D-B-1LIR-LD
<b>Type</b>	_____	
ALPAP	Airport, height 5400 mm to the centre of the windsock	
ALPHP	Heliport, height 3340 mm to the centre of the windsock	
<b>Windsock, size</b>	_____	
900	900 mm diameter, length 3750 mm, only for ALPAP - airport	
600	600 mm diameter, length 2400 mm, only for ALPHP - heliport	
<b>Illuminated windsock</b>	_____	
D	No lights	
K	Top outer lighting, 4 pcs LED fixtures, 230 VAC	
L	Top outer lighting, 4 pcs 80 W floodlight fixtures, 230 VAC	
M	Inner lighting assembly, 2 x 6 W LED, 230 VAC	
N	Inner lighting assembly, 2 x 80 W halogen, 230 VAC	
<b>Windsock, colour</b>	_____	
B	Red/white	
O	Orange	
<b>Obstruction light</b>	_____	
1LIR	Single obstruction light, LED with IR, 10,6 VA, 230 VAC	
NO	No obstruction light	
<b>Mounting</b>	_____	
LD	Ground base with lowering device	
ND	Fixed ground base	

### Technical data

#### Material

Pole	Powder coated aluminium pole, yellow RAL 1003
Windsock revolving basket	Stainless steel basket, pivoting on nylon bearings, yellow RAL 1003
Windsock	Nylon, UV resistant

#### Electrical Data

Supply voltage	230 VAC, 1 phase
Light source, illumination	Top outer lighting, LED 4 x 30 W, service life 30000 hours
	Top outer lighting, floodlight 4 x 80 W, service life 2000 hours
	Inner lighting, LED 2 x 6 W, service life 30000 hours
	Inner lighting, halogen 2 x 80 W, service life 2000 hours
Light source, obstruction light	LED with IR 10,6 VA, service life, >100000 hours

#### Environment

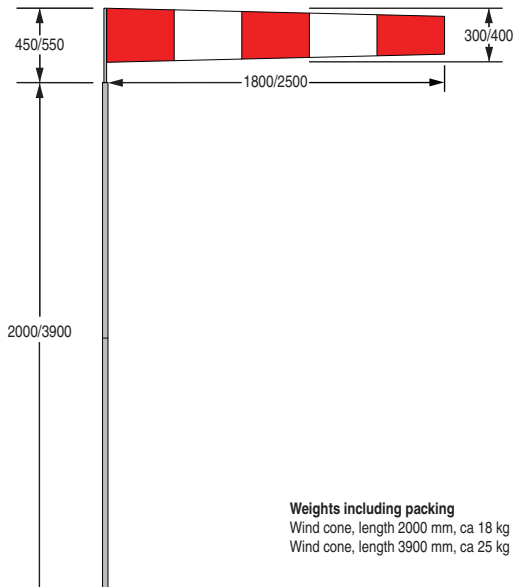
Ambient temperature	-40 - + 55°C
Relative humidity at 25°C	99%
Max wind speed	ALPAP - airport ≤ 61 m/s + 40% spare capacity, design value
	ALPHP - heliport ≤ 82 m/s, design value
Ingress protection, terminal box, IEC 60529	IP 54

#### Standard, certificate

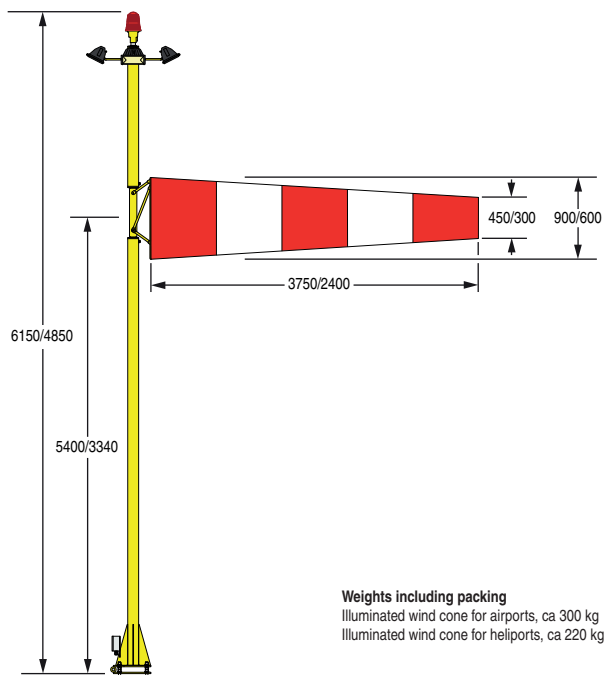
Standard	ICAO Annex 14, EASA
Certificate	CE

## Windssocks - Wind cones

### Dimensions, mm



Windssocks - wind cones for industrial use, bridges and roads



Windssocks - wind cones for airports and heliports

## Wind cones

### Spare parts

#### Catalogue numbers - Wind cones for industrial use, bridges and roads

Description	Colour		Weight kg/each	Pack. size
	Red/white	Orange		
Diameter 300 mm, length 1800 mm	IA44020	IA44021	0,25	1
Diameter 400 mm, length 2500 mm	IA44025	IA44026	0,35	1

#### Catalogue numbers - Wind cones for airports and heliports

Diameter 900 mm, length 3750 mm for airports	ALPRDWH900	ALPOR900	0,6	1
Diameter 600 mm, length 2400 mm for heliports	ALPRDWH600	ALPOR600	0,4	1

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