

GIS

swiss lifting solutions

dlhonline.co.uk

0161 223 1990

GP ELECTRIC CHAIN HOISTS

WIND POWER INDUSTRY



 since
1957

www.gis-ag.ch

GP Wind Power Industry up to 1000 kg

Electric chain hoist for wind turbines Lifting speed up to 16 m / min. Lifting height up to 200 m

Temperature monitoring with motor shutdown function in the event of overheating Automatic switching from high to low stroke speed shortly before the stroke end via gear

limit switch External limit switch for hook end positions

Special tempered chain Load

hook with protective cover

Optional with hand or motorized suspension

Optional with chain magazine



YOUR BENEFITS

Electric chain hoists are mainly used in the wind industry to transport spare parts and tools from the ground up into the nacelle.

Due to the high lifting height, the chain hoist us for this purpose is equipped with a number of special features.

For example, automatic switching from high to low lifting speed takes place when the load hook approaches the end of the stroke.

This feature prevents high-speed travel against the hoist housing because of the risk that unsecured parts of the load (eg tools in a toolbox) may come loose and fall off.

Another special feature is the protective cover over the load hook. This eliminates the risk that the load hook will hang on the long way up somewhere unintentionally.

Technical specifications

Standard version

Capacity: maximum 1000 kg (1-leg)

3 phase 400 V / 50 Hz

Control 42 V Low voltage

3-phase motor: 2 speeds

Eyelet suspension

Gear limit switch

Ergonomic control switch with emergency stop Protection

class IP65

Insulation class F (engine)

DC-spring pressure brake

slip clutch is not in the power flow

Features:

External limit switch for top hook position

Automatic switching from high to lower speed before end stroke

Temperature monitoring having a shutdown function in case of overheating

Tempered special chain

Hook with guard

Wind Power Models

Classification ISO (FEM) Type	M3 (1Bm) 150 s/h, 25 % duty	M4 (1Am) 180 s/h, 30 % duty	M5 (2m) 240 s/h, 40 % duty	M6 (3m) 300 s/h, 50 % duty	M7 (4m) 360 s/h, 60 % duty	M7 (4m) 360 s/h, 60 % duty	Speed 50 Hz (m/min)	Speed 60 Hz (m/min)
	Load capacity (kg)							
GP250/1NF	400	320	250	200	160	125	8/2	9.6/2.4
GP250/1SF	-	160	125	100	-	-	16/4	19.2/4.8
GP500/1NF	800	630	500	400	320	250	8/2	9.6/2.4
GP500/1SF	-	320	250	200	160	125	16/4	19.2/4.8
GP1000/1NF	1600	1250	1000	800	630	500	8/2	9.6/2.4
GP1000/1SF	-	630	500	400	320	250	16/4	19.2/4.8

Accessories & Options

Other operating voltages on request

Other control voltages on request

Hook suspension

Safety load hook

Operating hours and switching counters

Manual brake bleeding

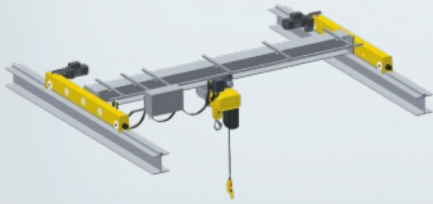
Chain box for various lift heights

Heights up to 200 m

Motor and push trolleys

Special suspension

Gear grease for low temperature applications



Crane systems

GISKB steel crane construction kit for line-bound or all-round goods handling, GISKB aluminium crane system, slewing pillar and wall cranes for smooth handling of transport goods. Travelling cranes and slewing cranes made of steel profiles for heavier loads.

Hoisting equipment

Over 50 years experience in the manufacture of electric chain hoists: robust, durable, reliable and highly resistant to wear. Simple maintenance. Various special versions for every application area. Wide range of accessories and options.

Vacuum handling systems

GIS vacuum handling systems for the ergonomic and gentle handling of goods made of different materials like wood, glass, stone, metal or plastic. In combination with the appropriate crane system.

GIS AG – the specialist for crane systems Founding of the GIS AG in 1957 | With own subsidiary in Germany since 1966 | Development and production of electric chain hoists in Switzerland for over 50 years | Swiss manufacturer of complete crane systems inc. hoisting equipment and vacuum lifters | Certified to ISO 9001 since 1994 | Complete market services from project planning to installation, start-up and maintenance | International sales network with over 50 qualified partners worldwide

Swiss Lifting Solutions
Certified to ISO 9001



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