

LIEBHERR Electro-Hydraulic Fixed Pedestal Cargo Crane, Type CBW 12/32

1. Main Data

1.1. Technical Data:

Capacity:	from 3,5 m to 32,0 m radius	12,0 to SWL (under the rotator)
Outreach:	maximum	32,0 m
	minimum.	3,5 m
Max. hoisting height (hook travel)		30 m
Weight of crane, approx.		35 to
Ambient temperature		-25 deg. C to +45 deg. C
Classification/Certification society		CE / Liebherr Works Certificate

1.2. Operating Speeds

1.2.1. Hoisting / Lowering

- 100 percent infinitely variable speed control from zero to maximum speed
0 – 30 m/min with 0 - 12 to load

1.2.2. Slewing

- 100 percent infinitely variable speed control from zero to maximum speed
- slewing range: 360 deg. unlimited
0 – 1,0 RPM with full load

1.2.3. Luffing

- 100 percent infinitely variable speed control from zero to maximum speed
60 sec. with full load from max. to min. working radius

1.3. Drive System

Prime mover	Electric squirrel cage motor
- nominal output	195 KW, S6-40 % ED 130 KW, S1
- starting current	705 amps
- class of protection	IP 54/55
- class of insulation	F
- starting	star delta
- make	ABB or equal
Main power supply	400 V, 50 Hz, 3 ph.
Aux. power supply	230 V, 50 Hz, 3 ph.
Power transmission	via slip ring collector from base column to crane

Year of Construction:	3/2007
Running Hours	Approx 9,000 hours
Operational use:	Empty container transfer
Containers per hour:	Approx. 25/hour
Pedestal	cylindrical 2,100 mm - 8200 mm height