

SHIPUNLOADER IB-800



Manufacturer	IBAU Hamburg
Type	IB 800
YOM / first setup	2007 / 2008
Serial-No.	006.800
Comm.-No	0.19191
Operating hours	1.397 hrs

SHIPUNLOADER IB-800



1. General Information

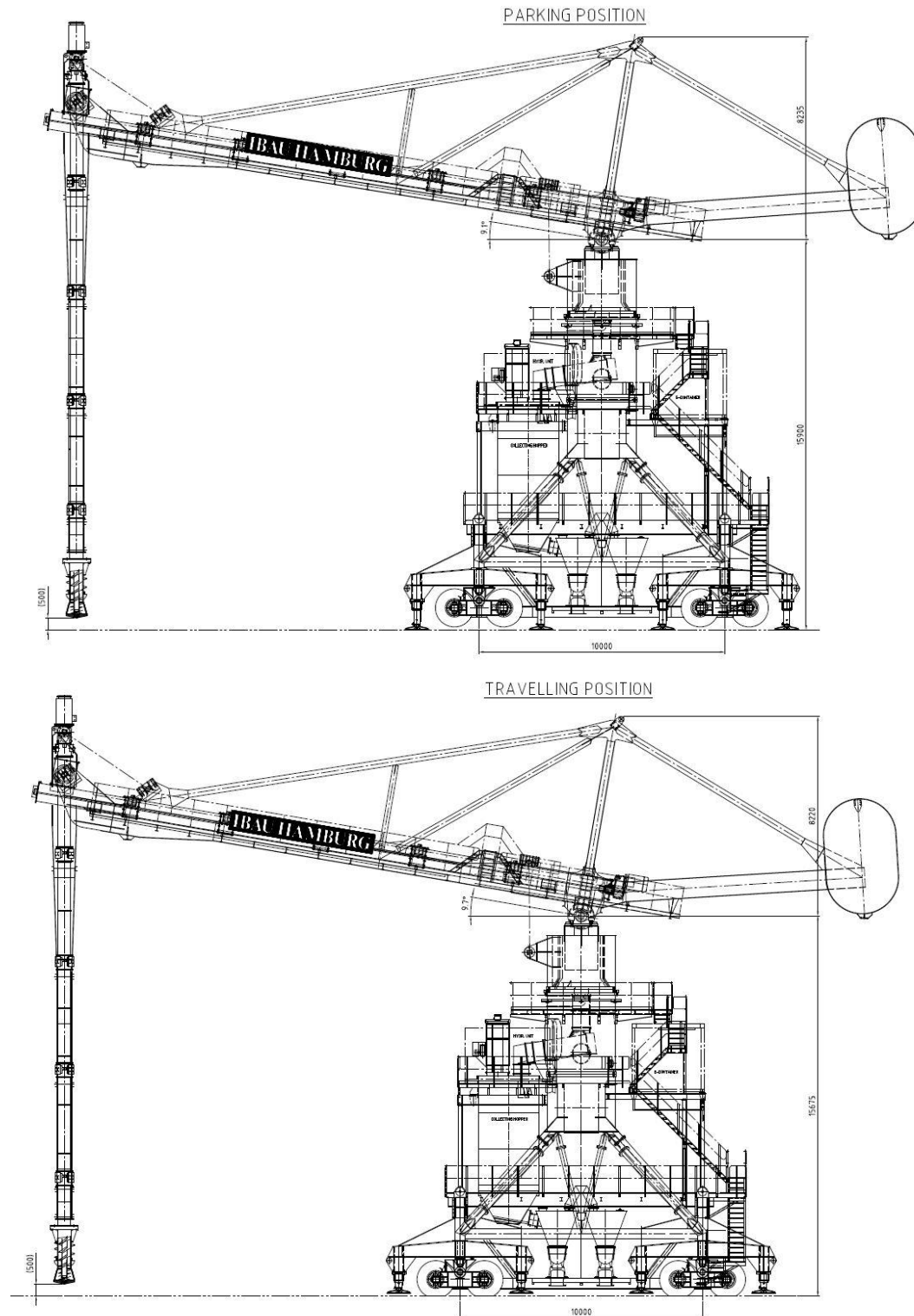
The IBAU HAMBURG Shipunloader IB-800 is a port mobile, mechanical Shipunloader system for unloading bulk material.

The technical design is made for cement with bulk density of 0,9 kg/dm³ (fluidized). Please contact IBAU HAMBURG before using the Shipunloader for other materials.

Fineness	4000 Blaine cm ²
Temperature	60°C max.
Moisture	0,5% H ₂ O max.
Rated capacity	550 t/h
Peak capacity	700 t/h
Operating time	24 hours per day 7 days per week
Voltage	400 V
Frequency	50 Hz
Control voltage	230 V / 24 V DC
Insulation class	F / B
Type of protection	IP 54
Site elevation above sea level	±0,0 m
Humidity	80 % 100 % max
Ambient temperature	+55 °C max. +0 °C min.

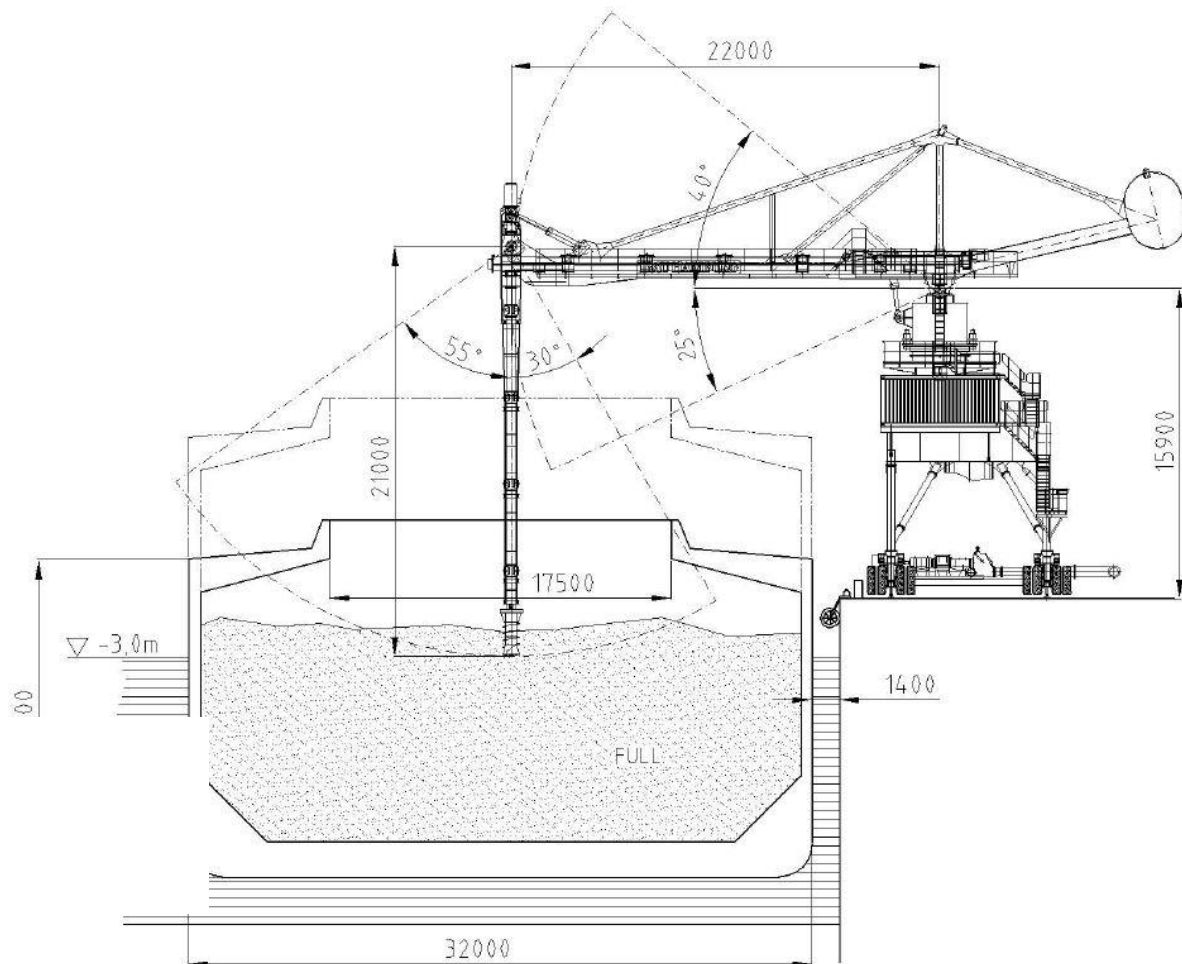
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2. Layout



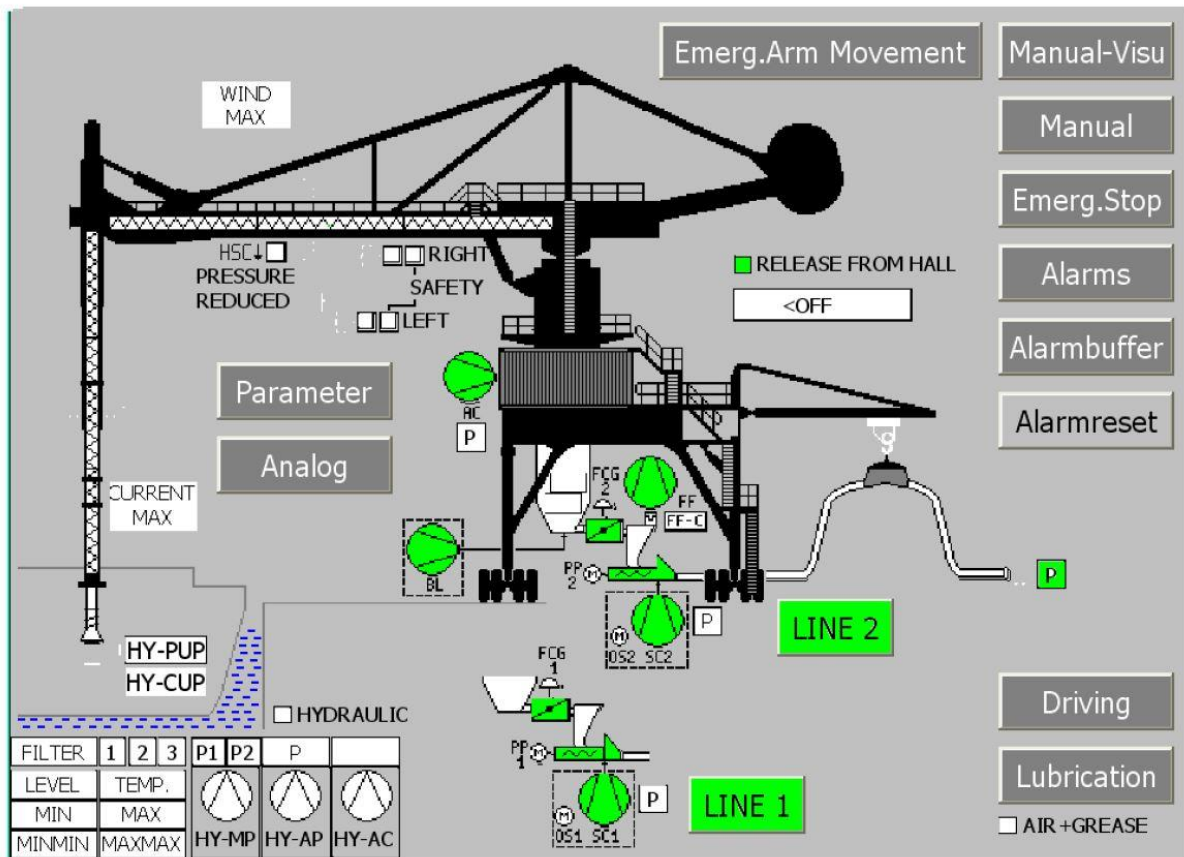
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3. working range



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4. operation system



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5. technical details

5.1 Conveying System

Vertical conveyor: **VSC**

GENERAL

Conveyor size 500
Conveying height 21,0 m

MOTOR

Type: 1LA8315-4AB68
Manufact. No.: A43725025
Output: 250 kW
Voltage: 400 V 50 Hz
Current: 430 A
Power factor cos φ 0,87
Speed 1485 1/m
Protection IP 55
Type of construction IM V1

GEAR

Type KUMERA LEM1250
Manufact. No. D300470/03-1.01/1
Transmission $i = 3.1/1$

Horizontal conveyor: **HSC**

GENERAL

Conveyor size 700
Conveying height 22,0 m

MOTOR

Type: 1LG4310-4AA69-Z
Manufact. No.: VC 0502/064193601
Output: 110 kW
Voltage: 400 V 50 Hz
Current: 198 A
Power factor cos φ 0,85
Speed 1480 1/m
Protection IP 55
Type of construction IM B5

GEAR

Type SK 9282A-315 S/4T

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Manufact. No. /1005305813.00
Transmission i = 7.06

Blower: **BL**

GENERAL

Type Delta blower

MOTOR

Type: 1LA7096-2AB60
Output: 2,2 kW
Voltage: 400 V 50 Hz
Current: 4,55 A
Power factor cos φ 0,85
Speed 3000 1/m
Protection IP 55
Type of construction IM B3

IBAU pump1: **PP1**

GENERAL

Pump type IB-D350/12-6
Item No. 1,0
Machine No. 6529

MOTOR

Type: 1LA8355-8AB60
Manufact. No.: A4408860
Output: 250 kW
Voltage: 400 V 50 Hz
Current: 447 A
Power factor cos φ 0,87
Speed 1000 1/m
Protection IP 55
Type of construction IM B3

TRANSMISSION

Type 34 J 39

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IBAU pump2:

PP2

GENERAL

Pump type	IB-D350/12-6
Item No.	1,0
Machine No.	6530

MOTOR

Type:	1LA8355-8AB60
Manufact. No.:	A4408861
Output:	250 kW
Voltage:	400 V 50 Hz
Current:	447 A
Power factor cos φ	0,87
Speed	1000 1/m
Protection	IP 55
Type of construction	IM B3

TRANSMISSION

Type	34 J 39
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Screw compressor 1:

SC1

GENERAL

Type	Delta Screw
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MOTOR

Type:	1LA8355-8AB60
Manufact. No.:	A4408858
Output:	560 kW
Voltage:	400 V 50 Hz
Current:	669 A
Power factor cos φ	0,87
Speed	1480 1/m
Protection	IP 55
Type of construction	IM B3

Oil mist separator:

SC1-OS

Output:	0,37 kW
Voltage:	400 V 50 Hz
Current:	0,91 A
Power factor cos φ	0,83
Speed	3000 1/m

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Screw compressor 2:	SC2
GENERAL	
Type	Delta Screw
MOTOR	
Type:	1LA8355-8AB60
Manufact. No.:	A4408859
Output:	560 kW
Voltage:	400 V 50 Hz
Current:	669 A
Power factor cos φ	0,87
Speed	1480 1/m
Protection	IP 55
Type of construction	IM B3
Oil mist separator:	SC2-OS
Output:	0,37 kW
Voltage:	400 V 50 Hz
Current:	0,91 A
Power factor cos φ	0,83
Speed	3000 1/m
Vent Filters:	
GENERAL	
Type	AJN
MOTOR	
Voltage:	400 V 50 Hz
Speed	1500 1/m
Protection	IP 55
Type of construction	IM B3
Fan	
Type:	MXE080-000930-00
Serial No:	4188/12.04
Output:	5,5 kW
Voltage:	400 V 50 Hz

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5.2 Lubrication system

GENERAL

Type	LUBRIGUN
Model	82054

MOTOR

Luftverbrauch bei 7bar	Luftmotor
Arbeitsdruck	4,2 l(N)/min
	min. 2,1 bar
	max. 10 bar
Förderstrom	0,48 l/min bei 75 Doppelhüben

5.3 Auxiliary Equipment

Compressed – air filters:

GENERAL

Type	AC Kaeser
	Airtower 4/10 bar 1.8065.00040
Serial No:	1001

MOTOR

Part. No.	7.5671.1
Output:	2,2 kW

5.4 Hydraulic System

Hydraulic pumps:

HY-MP Motor: Type 1LGA253-4AA66-Z	Serial No. VC0502/064236201
400 V 50 Hz 1500 1/min	99 A cos φ 0,85 IMB35
HY-AP Motor: Type 1LGA4200-4AA66-Z	A540 9579
400 V 50 Hz 1500 1/min	67A cos φ 0,85 IP55
HY-AC (Hydr. Oil air cooler)	Motor: 400 V 50 Hz 2,55 kW

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6. photos

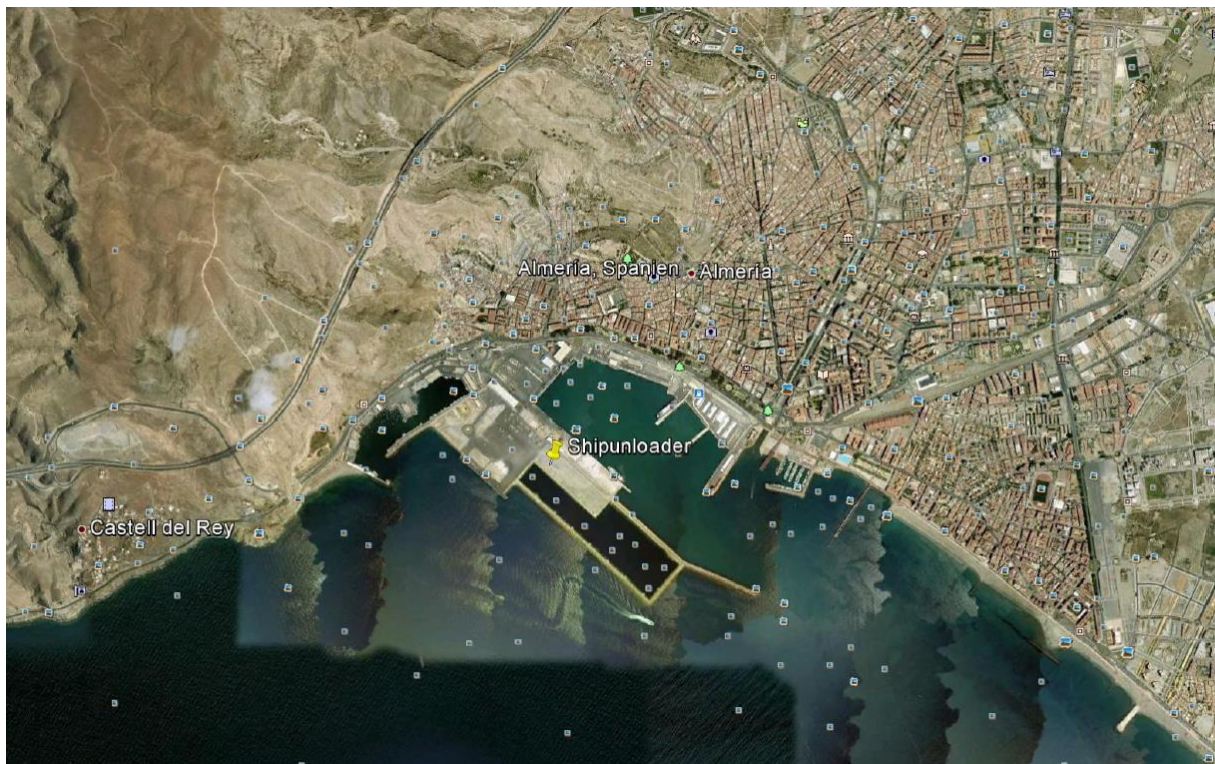


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7. location



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8. SUMMARY:

Manufacturer	IBAU Hamburg
Type	SHIPUNLOADER IB 800
YOM / first setup	2007 / 2008
Operating hours	1.397 hrs

Price	on request
Incoterms	exw.
Current location	Almeria / Spain

Subject to prior sale

Subject to changes and errors in technical details

Contact: **phone.: +49 (0) 8337 742 45 0**
 bau@hoermann-verwertungen.de

For further pictures and a video of the SHIPUNLODAER please click on:
hoermann-verwertungen.de/spezialmaschinen
