TOUGH TO BEAT IN THE LONG RUN
Thank you for considering Walinga.

Walinga has been manufacturing pneumatic conveying systems since 1954 and is pleased to supply you with a quality machine that will help maximize efficiencies towards increase profits.

The following pages outline the Walinga Barge Unloader’s standard features and numerous available options. Walinga builds to each customer’s demands. Walinga’s engineers will help you select and custom specify the machine that best suits your needs.

Send Walinga an email for more information!

Jacob Broekema
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General:
The Walinga Barge Unloader is purpose built to convey free flowing, granular products from barges or vessels.

Capacity:
When conveying dry wheat, the Walinga Barge Unloader will unload up to 175 tonnes per hour.

Consumption:
The standard power on the Barge Unloader is electric producing 250 hp/186.5 kW. Diesel power is available as an option; the diesel engine will consume 38 liters/10 Gallons of fuel per hour.

Safety:
Blower is equipped with overload vacuum relief valve and monitoring gauges. On the front and back of the blower the oil level can be viewed through the sight glass. The Barge Unloader is fully labeled with operational and warning decals for operator’s ease and safety. All belt systems are equipped with finger proof guards. A detailed operational manual is supplied with the unit upon arrival. Each new unit is also commissioned by a Walinga expert.
Power:

The Barge Unloader is powered electrically by a 250hp / 186.5 kW motor and is equipped with soft start.

The Barge Unloader's hydraulic system is powered by a dedicated 40hp / 29.84kW electric motor.

Hydraulics:

The Barge Unloader is equipped with a heavy duty commercial grade hydraulic pump mounted to the drive motor.

It is a complete system that includes:
- Reservoir
- Filter
- Controls
- Oil
- Hydraulic Lines

The hydraulic system drives the airlock, suction & discharge boom movements.

Customers often specify the optional hydraulic control hand held radio remote.
Hydraulically driven fully articulated elbow

An explosion proof chamber houses multiple dust controlling filters. Designed to National Fire Prevention Association standards, the filters are also self cleaning utilizing Walinga Air Purge technology.

The Receiver Tank

Receiver is lined with a replaceable stainless steel resistant band for prolonged life.

Built without compromise. Walinga knows that anything is only as strong as its weakest link. Every nut and bolt, every hose, every part that makes up the whole are specified to deliver maximum performance and durability.

Near infinite customization:

When facilities or bulk product require unique solutions, experienced Walinga engineers work to ensure any modifications are accommodated early on in the design process. In addition to extensive standard features, Walinga offers optional upgrades including but not limited to:

- LED Boom Lighting Kit
- LED Platform Lighting Kit
- 14” diameter 30’ foot long discharge boom
- Client Branded Finish Colours
- Handheld Remote
- Platform mobility options

The boom is equipped with a “marine style” suction nozzle.
Walinga will design and build barge unloaders to client specifications. The Barge Unloader can be operated by one person using a 100’ 8 Function Radio remote. Extendable reach up to 40”, rotates 270 degrees, and features a marine style nozzle. The remote system is operational up to 100’. Typical finish is custom painted in Walinga’s proprietary green, but customers may specify their own custom finish. Walinga’s fully functional wireless remotes are programmed to control customer specified Barge Unloader functions. LED lighting kits are available upon request. Walinga's fully functional wireless remotes are programmed to control customer specified Barge Unloader functions. In addition to start and stop, all button functions are clearly labeled. Always consult supplied owner's manual.
Paint
The Barge Unloader is acid washed, primed, and painted with heavy duty “baked-on” automotive paint.

Frame & Undercarriage
The Barge Unloader is mounted on a 20,000 pound capacity Subframe. Subframes are manufactured to specification and are typically anchor bolted to poured reinforced foundation.

* Due to continuous product development, specifications are subject to change without notice.