

A strong platform for large loads across its entire slewing range



AHL820

- ▶ **Sturdy foundation for metal recycling:** 16.0 t operating weight with 0.4 m³ cactus grab.
- ▶ **Efficient and environmentally friendly:** Low-wear electric motor drive.
- ▶ **Quiet, smooth and powerful:** 75 kW emission-free electric motor power for the hydraulics; 15 kW for steering and operation; 75 kW for climate control.
- ▶ **Enormous range:** 10.4 m reach – 11.5 m with grab.
- ▶ **Uncomplicated service support:** For the MHL320 standard machine for static deployment.
- ▶ **Kind to man and machine:** Resilient cushioned suspension on a concrete pylon increases comfort and absorbs high impact shocks.
- ▶ **First-class ergonomics:** Joystick control facilitates safe work with ideal visibility and no steering wheel.
- ▶ **Fault-free:** Overload cut-off prevents abnormal stresses.
- ▶ **Safety is paramount:** the dual switch and sensor. De-energising circuits provide additional specific safety options.
- ▶ **Easier access:** Access system and service catwalks on the left and right side of the superstructure.
- ▶ **Optimum protection:** Comfortable and safe cab with tempered safety glass and sliding door.
- ▶ **For low light conditions:** Powerful xenon spotlights on the boom, stick and roof of the cab.

STATIONARY MACHINES

One position. Many uses

If you are planning to use your material handling machine at a fixed location, we recommend opting for a stationary design on a steel or concrete foundation. The bolting that anchors these machines enables them to handle much larger loads than their mobile counterparts. In addition, choosing a stationary machine eliminates the costs involved in having an undercarriage. It is also worth mentioning that one of the many options that the Application Center offers when modifying stationary machines is equipping them with a zero-emission electric motor.



Fully charged handling center

AHL850

- ▶ **A clean powerhouse:** 35.0 t operating weight, powerful electric motor with 132 kW for the hydraulic main drive.
- ▶ **Handles large quantities with ease:** 15 m box-type boom (optionally also with straight or cranked boom) with capacious 2,200-litre double-clamshell grab.
- ▶ **Speedy operation:** 2 to 2.5 loading cycles per minute – fast enough to unload one 1,000 t inland waterway vessel every day.
- ▶ **Quiet power:** Very little vibration and ultra-quiet operation thanks to perfectly attuned electric motor and hydraulics.
- ▶ **Stable and yet flexible:** 4-point mounting to the base with additional concrete weights, can easily be moved by crane.
- ▶ **Well protected:** Each stabilizer plate is fitted with a damper to prevent both damage to the steel structure from knocks and transmission of vibration.
- ▶ **Well-thought-out design:** Ready availability of spare parts because the AHL850 has many components in common with the mobile diesel series model MHL350.
- ▶ **Cost efficient:** Low operating costs since the main motor is used only for the hydraulics with separate activation of additional functions.
- ▶ **Excellent ergonomics:** Joystick operation for enhanced visibility and safety.



Oceangoing

AHL380

- ▶ **Maritime power:** The machine features an operating weight of 44 tonnes, a 273 kW diesel engine, and a cranked 22-m loading system.
- ▶ **Ship and rail:** Both are possible, since the material handling machine can move, rail-mounted, over an entire cargo hold on a gantry.
- ▶ **Easy to use:** All functions, including those pertaining to the undercarriage, are controlled centrally from the cab.
- ▶ **Adaptable:** Depending on the material being handled, a clamshell grab with a capacity of 6.0 m³ or a cactus grab can be used.
- ▶ **Seaworthy:** In order to ensure a maximum level of resistance to corrosion, the machine comes with stainless steel hydraulic lines and is painted throughout with a coating resistant to marine environments.
- ▶ **Out of danger:** The fact that the cab is rigidly mounted reduces the number of component surfaces that are susceptible to damage caused by sea water.
- ▶ **Ideal visibility:** The cab is raised by 1.5 meters and offset forward, ensuring that operators always have a perfect view of the ship and a direct line of sight into cargo holds.
- ▶ **Safe and accessible:** Practical ladder access systems and catwalks make operation, as well as servicing and maintenance, easier regardless of the machine's position.



Hardened for heavy-duty stationary work

AHL831

- ▶ **Compact and powerful:** A 16-tonne operating weight, a radius of up to 12 metres, and total power of 130 kW guarantee a level of reserve capacity seldom seen in the tough world of metal recycling.
- ▶ **Rapid sorting:** Electromagnet option available for fast, reliable separation of mineral and metal slag.
- ▶ **High efficiency plus low emissions:** And the state-of-the-art electric drive keeps energy costs down as well.
- ▶ **Smooth operation:** Effective damping and optimised design ensure vibration and noise are kept within strict limits.
- ▶ **Solid steel construction:** The machine is designed to withstand heavy loading in a tough environment, and has additional damping elements to protect the structure.
- ▶ **Sensitive control:** Heavy loads can be maneuvered with swift, smooth precision.
- ▶ **In-cab comfort:** The cab has been designed around the operator, and features an ergonomic driver's seat, air conditioning, auxiliary heating, and dust protection equipment.
- ▶ **Excellent parts service:** Standard components are used as widely as possible - ensuring that replacement parts are rapidly available when needed, even for customized machines.

