

Mobile Battery-Operated Chain Conveyor

CAPABILITY SHEET - DEPOT LOADING + UNLOADING - SELF-PROPELLED + BATTERY + SLAT CHAIN - ENGINEERED TO C

THE SYSTEM

WHAT	Mobile battery-operated chain conveyors for depot loading and unloading - the machine goes to the wagon, and the load never rides a back.
OUR ROLE	Neometrix engineers the chassis and conveyor, battery, drive and charging, controls and safety, ramps and extensions, then trials and supports.
STATUS	Engineered to order; quoted across mobile conveyor, stacker and depot loading-system requirements. No delivered system is claimed.

THE PROBLEM

THE DOORWAY	Stores move well across an apron and badly through a wagon door or over a tailboard - which is where the hours and the backs go.
NO ENGINE	An engine cannot run inside a closed wagon and a cable cannot follow the work, so the machine has to carry its own power.
NOT A BELT	Boxed stores are point loads with corners: a belt mistracks and slips on incline. A cleated slat chain holds the crate and runs both ways.

THE MACHINE

MOBILE	Wheeled and self-propelled, driven to the wagon being worked and positioned in minutes - no civil work, no foundation, no shore cable.
BATTERY	A working shift on a charge, silent and exhaust-free indoors and at night - sized to the real shift, with charging planned into the pattern.
SAFETY	Emergency stops along the length, guarded nips, load and incline limits, brakes on slope - and nothing and nobody rides the conveyor.

DISTINCT & HONEST

GEOMETRY FIRST	Reach, boom angle, head height and footprint are drawn against the actual doors, tailboards, stack heights and gangways of the depot.
FIELD-SERVICEABLE	Drive, controller, battery pack, pendant and chain sections change with hand tools - a depot waiting weeks for an engineer loses the machine.
ENGAGEMENT	Send the doors, the stack heights and the shift pattern to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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