BRUKS Siwertell
BULK HANDLING & WOOD PROCESSING

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TRANSFER TROLLEY

A typical Siwertell continuous screw-type ship unloader travels on rails along thequay. The unloaded material must often be transferred from the traveling unloaderto a fixed conveyor on shore. The Movable transfer trolley makes it possible toperform this material transfer without dust and spillage.

The Movable transfer trolley is mountedon the quay conveyor, which has thesame length as the ship and runsparallel to the quay edge. The quayconveyor can be of either belt or screwtype. It is built in a trough, which iscovered by a special rubber belt.The Movable transfer trolley, pulled bythe unloader, runs on rails on the outsideof the trough. It lifts the belt at the pointwhere the offloading gantry conveyor ofthe unloader is located.

The gantry conveyor of the unloaderis connected to the Movable transfertrolley. The cargo is fed through theMovable transfer trolley on to the quayconveyor. The unloader can travel alongthe quay conveyor and still operate atfull capacity.

The Movable transfer trolleyarrangement completely eliminatesdust and

spillage at the transfer trolleypoint and enables the ship unloader tooperate freely together with the quayconveyor. The design is more compactand less costly than a conventionalconveyor gallery.Several optional accessories areavailable for the F-type Siwertellunloader, such as the operator's cabin, reachextender, clean-up unit, hoist, etc.