

Suction pipes and docking systems



Solutions for professionals

garant suction pipes and docking systems – the right solution for every requirement

Filling rates are key parameters when measuring the performance and efficiency of professional slurry tankers. The use of suction pipes and docking units give a substantial boost to your filling efficiency. Kotte offers a wide and diverse range of systems to provide a customized solution for every customer.



1

Suction pipe for docking units

- nearside / offside mounted
- NW 200 quality suction line
- combines with turbo filler or power boost technology for high filling rates; optional RotaCut suction system
- drip stop gate valve in pipe end
- a bleed valve on the suction pipe prevents the pipe is sucked to the funnel of pit docking unit



2

Docking units for supply from storage tanks and pits

- an ingenious system: The gate valves on the docking unit open automatically as the suction pipe presses on the unit and close automatically when the pipe is raised. No need to leave the tractor, even when pumping slurry from storage tanks!
- two gate valves for double efficiency
- NW 200 quality suction line
- flexible docking unit for drawing liquid from tanks and pits
- three-point headstock for transport
- sturdy wheels ensure easy manoeuvring, swivel wheels are an option
- funnel mounted return line eliminates spillage
- standard NW 200 quick coupling system



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Top-mount suction pipe

- NW 200 quality pipe
- swivels through 180° for supply from either machine side
- up to 4 m suction height
- approx. 2 m max. suction depth
- telescoping option for up to 3.5 m suction depth
- storage on tank
- optional centrifugal pump on pipe end increases filling capacity substantially
- optional drip tray at the rear



3

Docking units for supply from pits

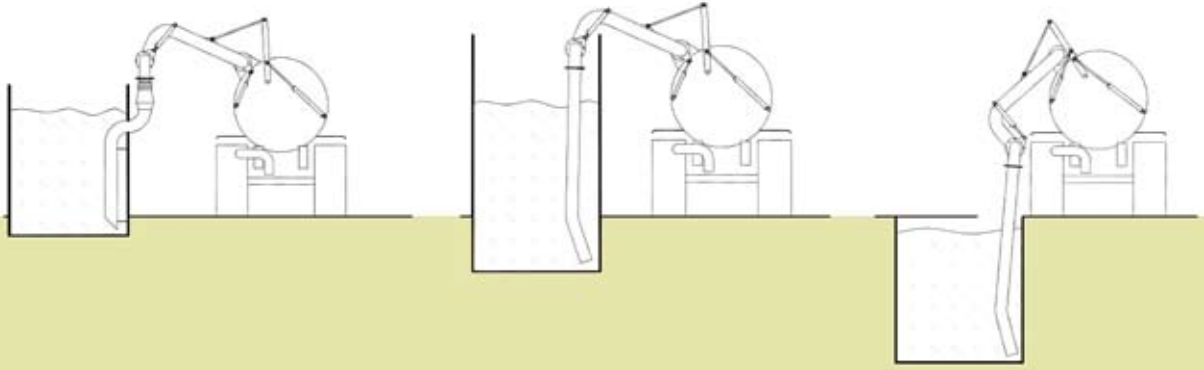
- rubber funnel provides for smooth pipe docking
- NW 200 quality suction line
- standard NW 200 quick coupling system
- three-point headstock for transport



4

Suction pipe with two pivot joints for supply from pits

- choice of NW 150 or NW 200 suction line
- ca. 2 m maximum suction depth
- optional centrifugal pump on pipe end increases filling capacity substantially



6

Multi-function suction pipe

- for supply from up to 4 m high storage tanks; max. 1 m suction depth
- for supply from pits; max. 3.50 m suction depth
- telescoping pipe is available as an option; max. 4.5 m suction depth
- for supply from a docking unit: remove pipe end and couple to adapter
- 250 mm pipe cross section for high-capacity filling
- centrifugal pump adaptation for boosted output; 10,000 - 12,000 l/min suction capacity
- active cleaning system by blowing down the pipe provides effective control of dripping

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