

**CUSTOMER**

Vector Aandrijftechniek BV
(Dellner Brakes' distributor in the Netherlands)

END USER

Lake Charles Harbour & Terminal District,
Lake Charles, Louisiana, USA

APPLICATION

Two Dellner SKP 4x120-68 spring applied, hydraulically released disc brakes are installed on the luffing and trolley travel hoists of two ship loaders for bagged material.

The brakes operate on 2,090 mm (82.3 in) diameter discs mounted on each hoist drum for holding and emergency stopping, making a total of 8 brakes on 4 discs. Brake torque per disc is 199.5 kNm (1,760,00 lbf-in) with 95 bar (1,380 psi) releasing pressure.

Each loader also has two SKP 50 spring applied, hydraulically released service brakes with mounting stands installed between the hoist motors and the reduction gears. The brakes were also manufactured with extra protection to prevent corrosion from sea water.