



## CUSTOMER

**OVAKO Steel AB, Hofors, Sweden**

## BACKGROUND

OVAKO operates several ASEA cranes that were equipped with old ASEA spring applied, hydraulically released brakes. Due to the high cost of maintenance and spare parts, OVAKO decided to replace the old worn brakes with Dellner brakes which included a special mounting frame.

(Hvilans cranes have also been converted with Dellner Brakes).

## APPLICATION

The brakes are designed to stop and hold the load. For example, the installation shown in the picture above is from the stripper, where the 25 metric ton (2,205 lb) capacity crane lifts chill moulds. The brakes are spring applied, so they also work as safety brakes if the hydraulic pressure is lost.

The brake stripper plant is fitted with two Dellner SKP 50-06 spring applied, hydraulically released disc brakes. Together with the 630 mm (24.8 in) diameter disc, the two brakes provide a brake torque of 4,440 Nm (3,900 lbf-in) with a releasing pressure of 70 bar (1,015 psi).