


Stormwater Pumping Mong Kok Hong Kong

Application market	Industry	
Market segment	Flood Control	
Pumped medium	Stormwater	
Pump product	Immersible	
Country	China	

Challenge

In the past, the Mong Kok district of Hong Kong was repeatedly flooded in summer due to heavy rainfall. To solve this problem, the city built a huge underground basin under two football fields to collect the rainwater. A reliable pump solution was required to empty the storage tank and pump the rainwater back into an open channel.

Solution

Three large Hidrostat Screw Centrifugal Pumps with large free passage and high hydraulic efficiency are used to empty the storage tank after heavy rainfall.

Benefits

The high requirements of the customer were fulfilled to complete satisfaction by using the Hidrostat pumps:

- No more flooding in the Mong Kok area since the rainwater pumping station was put into operation
- Energy-efficient solution thanks to the high hydraulic efficiency
- Non-clogging and therefore reliable pump operation is ensured due to the large free passage

Quantity of units sold	3
Pump type	L20K-SD3R + LETZ8
Motor data	132 kW / 8 pole / 50 Hz / 400 V / VFD
Material combination	Cast iron pump body, Duplex stainless steel impeller and Hidrohard wear parts
Duty point	Flow: 960 litres per second / Head: 9 meters
In operation since	2004