

HYDROMAT® in Norway, the country of the far North and mysterious beauty

Safety and control equipment for „Arctic Circle of Hydropower Plants“



HYDROMAT® Flow Control

SOLUTIONS FOR SYSTEM PROTECTION



HYREVAL AXIAL STREAMING



- Projects of „Arctic Circle“ HPP:
- Vasstol
 - Forsanvatn
 - Storelvvatn
 - J. S. Cock - Alstom
 - Røsten

HYDROMAT® activities in Norway since July 2015



HYDROMAT® development and production for Norway



HYDROMAT® in CHINA, the land of surprises

Changhai water supply project – Dalian city

HYDROMAT® Flow Control

SOLUTIONS FOR SYSTEM PROTECTION



HYREVAL AXIAL STREAMING

CROATIAN HIGH-TECH AND KNOW-HOW

HYDROMAT® in CHINA

Service Engineer Report
Changhai Water supply project ---Dalian



辽宁大连大刘家长海泵站的 6 台液控阀现场已全部安装完毕。
6pcs Butterfly valve with Hydromat actuator have been installed into the pipeline in jobsite of Dalian city now;

Map of China showing major cities: Chifeng (赤峰市), Chaoyang (朝阳市), Jinzhou (锦州市), Huludao (葫芦岛市), Qinhuangdao (秦皇岛市), Dalian (大连市), Yantai (烟台市), Weifang (潍坊市), Qingdao (青岛市), Linyi (临沂市), and Lianyungang (连云港市). The map also shows North Korea (Pyongyang) and South Korea (Seoul, Incheon).

Inset photo: Workers in a large industrial facility, likely a water treatment plant, with blue machinery.

HYDROMAT PRODUCTS FOR CHINA

HYDROMAT® in CHINA, the land of surprises

Sino French Chongguang pump station – Chongguang city

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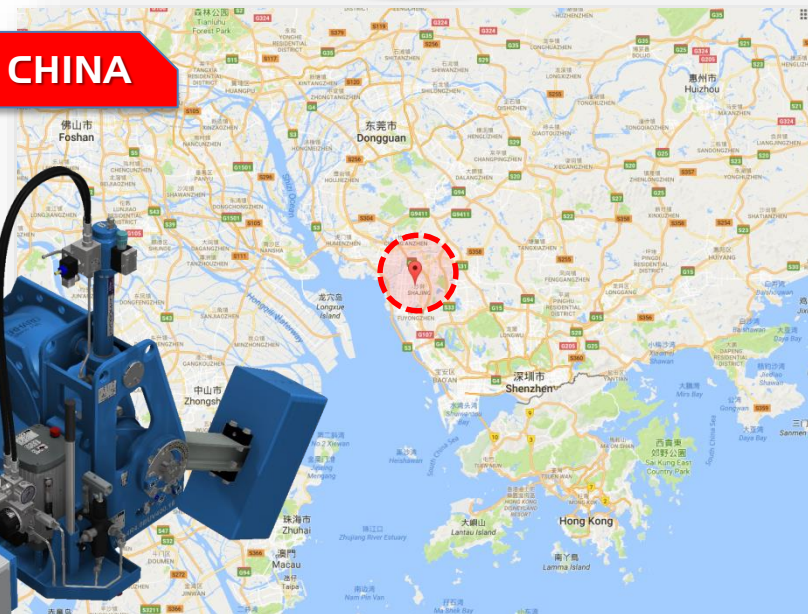


**CROATIAN HIGH-TECH
AND KNOW-HOW**

HYDROMAT® in CHINA

Project – Sino French Chongguang

HYDROMAT together with the famous german valve manufacturer for chinese market delivers equipment for pump protection in water distribution system.



HYDROMAT® in amazing desert areas of Saudi Arabia

Project Aziz - The main Flow Control Valve



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HYDROMAT® activities in Saudi Arabia in 2015

HYDROMAT® development and production for Saudi Arabia



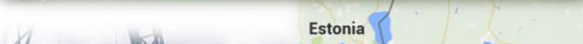
HYDROMAT® in amazing great Russian areas

- Thermal & Nuclear Power Plants
- Nuclear icebreaker class Taymyr



HYDROMAT® Flow Control

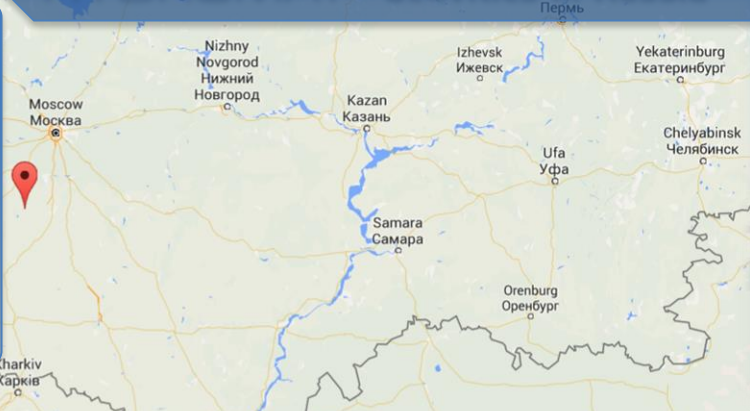
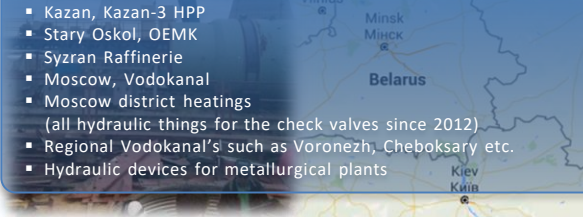
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HYDROMAT® activities in Russia

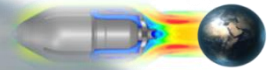
HYDROMAT® references in Thermal, Nuclear Power Plants and other:

- Cherepowetz TPP
- Nizhneartovskaya TPP
- Tjumen'-2 HPP, DN2000 MIV
- Ostrovets, Belarus (NPP Belarus)
- Volgodonsk, Rostov NPP, Power unit 3
- Nowoworonezh, Nowoworonezh NPP
- Kazan, Kazan-3 HPP
- Stary Oskol, OEMK
- Syzran Raffinerie
- Moscow, Vodokanal
- Moscow district heatings
(all hydraulic things for the check valves since 2012)
- Regional Vodokanal's such as Voronezh, Cheboksary etc.
- Hydraulic devices for metallurgical plants



HYDROMAT® development and production for Russia

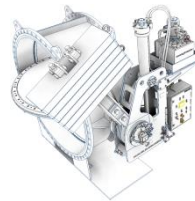




Project – NPP Novovoronezh

The first new generation nuclear power unit (meets the so-called post-Fukushima safety requirements) in the world put into industrial operation.

Function is pumps protection of the main cooling system. Equipment consist from the butterfly valve 2e DN 2200 and specially designed hydraulic actuator with complete electric-control cabinet.



HYDROMAT® in amazing great Russian areas

- Nuclear Icebreaker – Main control and emergency closing valve



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Project – Nuclear Icebreakers



Actuator with the valve is tested and ready for delivery from HYDROMAT factory

HYDROMAT® develops, designs and produces a special hydraulic quarter turn actuators based on scotch yoke mechanism for steam control and emergency stop of hot steam supply in the main turbine of nuclear icebreakers. Installed power of nuclear icebreakers depending on the class from 45 up to 170 MW. For example it is like four hydro-power plant HE Varaždin.



HYDROMAT® in EGYPT

IL Monte Galala Project – Ain Sukhna, EGYPT



HYDROMAT® Flow Control

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CROATIAN HIGH-TECH AND KNOW-HOW

Project – IL Monte Galala, Ain Sukhna, November 2017

HYDROMAT® delivered flow control and pump protection equipment for the project in the supply chain with water (Butterfly valves DN 1000, actuators, electro-hydraulic control).

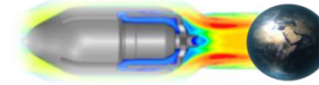


Equipment is tested in HYDROMAT and it is ready for the delivery



Start of construction of the new city on coast of the Gulf of Suez - The second biggest project in Egypt after the New Suez Canal project



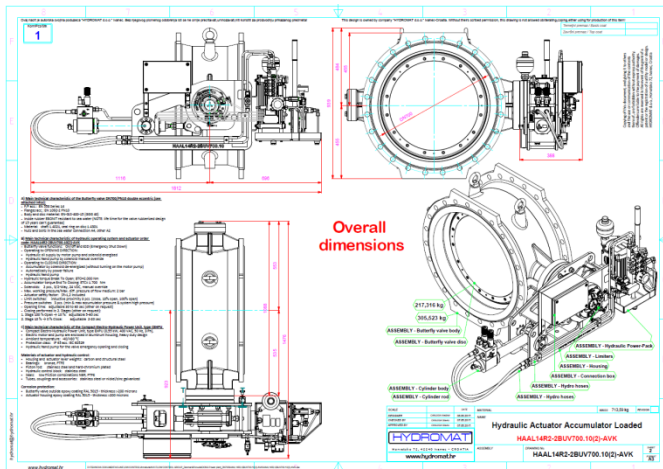
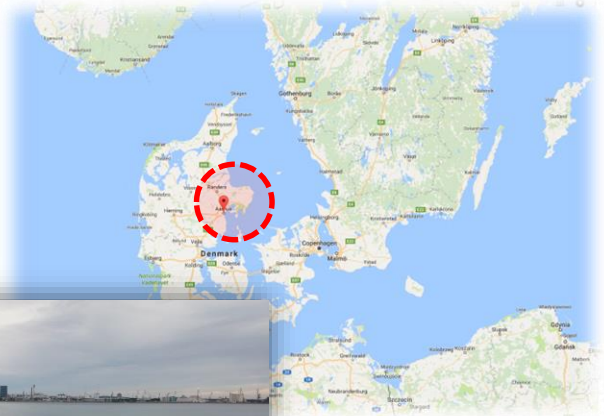


Projekt – DONG Energy, Studstrup Power Station, July 2017

Equipment for flow control and protection of the circulation-pump cooling circuits located in Aarhus, Culture center of the EU in year 2017.

Equipment consist from butterfly valves DN 700 and specially designed actuator system.

That is the DONG Energy largest power plant in the world based on bio mass.



HYDROMAT's specialist for the actuator technique prepares test of the equipment and connection to the central control system of the power plant



Green district heating for Denmark's second largest city

10.10.2016 09:30

One of the biggest biomass-fueled combined heat and power (CHP) stations in the world is located in Denmark's second largest city, Aarhus. The Studstrup Power Station began to use wood pellets instead of coal as fuel on 10 October, bringing green heating and electricity to the city's residents and businesses, whilst reducing CO2 emissions by 11 tonnes per resident.

Converting Studstrup Power Station from bl...

DONG energy

One of the biggest CHP plants in Denmark is ready to supply green district heating to Aarhus and the surrounding area, corresponding to the annual heating consumption of 225,000 residents. After over two years of intense work converting the Studstrup Power Station which can contain 60,000 tonnes of wood pellets, the station is 43 metres high and has a diameter of 70 metres.

A conveyor system totalling around 800 metres has been built, transporting the new fuel from ships to the site and into the converted power station.

The green conversion of the Studstrup Power Station means that Aarhus Municipality will reduce its CO2 emissions by 110,000 tonnes annually. That is 11 tonnes per resident.

I'm delighted that we can now open the new, green Studstrup Power

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The IPO of DONG Energy

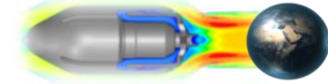
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Calendar

Movies

Images and logs

Contact Media Relations



Project – Kozienice Power Station TPP, October 2017

HYDROMAT® put into operation a hydraulic equipment, which consists of automatized hydraulic shock absorber unit, type AHSAU with butterfly tilting check valve to protect the pumps of the main cooling system. It is the second largest coal and bio-mass thermo-power plant with a nominal power of 2820 MW, renewed by Poles and increasing capacity, located on the Wisla River, near Kozienice, not far from Warsaw.

