

PREZENTACIJA FIRMI NA FORUMU VODA

PRESENTATION OF COMPANIES ON THE WATER FORUM



ACO građevinski elementi d.o.o., Srbija



Apis Centar d.o.o., Srbija



Envirotech d.o.o., Srbija



Grundfos Srbija d.o.o., Srbija



Hauraton GmbH Co. & KG, Nemačka



Hidrostat Bohemia s.r.o. Češka republika



Kolektor Sisteh d.o.o., Slovenija



Mikro Kontrol d.o.o., Srbija



Milanović tretman voda d.o.o.



Pipelife Srbija d.o.o., Srbija



Purator Ekotehnika d.o.o., Srbija



Wilo Beograd d.o.o., Srbija

ACO Pumpe i prepumpna postrojenja

ACO Pumps and pumping stations



Rezime:

ACO Grupa je jedan od svetskih lidera u razvoju inovativnih rešenja u oblasti upravljanja površinskim vodama i vodama unutar objekata. U lancu profesionalnog odvodnjavanja, tretmana i prečišćavanja kao i kontrolisanog ispuštanja vode značajan segment zauzimaju pumpe i sistemi za prepumpavanje otpadne i prečišćene vode. Predmet prezentacije je predstavljanje ACO segmenta proizvodnog programa koji se odnosi na pumpe i pumpne sisteme za transport otpadne i prečišćene vode u rezidencijalnim i komercijalnim objektima i industriji.

Abstract:

ACO Group is one of the world's leaders in development of innovative solutions in the field of surface and in-facility water management. In the chain of professional drainage, treatment and purification as well as controlled water discharge, a significant segment is occupied by pumps and systems for pumping waste and treated water. The subject of the presentation is to present segment of ACO production scope related to pumps and pumping systems for the transport of wastewater and treated water in residential and commercial buildings and industry.

AUMA pogoni sa elektro cilindrima

AUMA actuators with electric cylinders



Rezime:

AUMA elektromotorni pogoni za industrijsku armaturu predstavljaju već poznato i popularno rešenje širom procesnih sistema za pripremu i preradu vode. Iz godine u godinu zakon o vodama postaje sve oštriji po pitanju mera preduzetih da bi se kvalitet vodenih resursa očuvao. Stoga su proizvođači AUMA iz Nemačke predstavili jedno atraktivno i futurističko rešenje za zamenu hidrauličkih cilindara koji su svojim prisustvom u vodenim sistemima načinili mnogo štete kao posledice izlivanja hidrauličkog ulja u ekosistem. Električni cilindri predstavljaju savremeno rešenje koje između ostalog donosi jednostavniji dizajn, mehanizam bez ulja, manje buke (tihan rad), uz manje održavanja, duži vek trajanja uz sve zajedno efikasnu i ekonomičnu instalaciju i upravljanje.

Abstract:

AUMA electric actuators for industry represent a well-known and popular solution throughout process systems for water preparation and processing. Every year, the laws on water are becoming more strict in the terms of measures taken to preserve the quality of water resources. Therefore, the manufacturers AUMA from Germany presented an attractive and futuristic solution for the replacement of hydraulic cylinders, which caused a lot of damage with their presence in water systems as a result of the spill of hydraulic oil into the ecosystem. Electric cylinders are a modern solution that among other things, brings a simpler design, oil-free mechanism, less noise (quiet operation), with less maintenance, long service life with all together efficient and economical installation and management.



Nanofiltracija ili omekšavanje

Nanofiltration or softening

Rezime:

Kao priprema vode za parne kotlove niskog pritiska najčešće se ugrađuju omekšivači vode uz prateći predtretman. Iako omekšivači obezbeđuju traženi kvalitet napojne vode, i dalje u vodi ostaju značajne koncentracije jona bikarbonata. Posledica prisustva HCO₃⁻ jona je porast alkaliteta napojne vode, odnosno veliki gubici vode i finansijska šteta prilikom odsoljavanja.

Primena nanofiltracije obezbeđuje napojnu vodu boljeg kvaliteta od omekšane vode a odsoljavanja se redukuju deset puta, uz značajne finansijske uštede.

Abstract:

For the preparation of water for low pressure steam boilers, water softeners are usually installed with accompanying pre-treatment. Although the softeners provide the required quality of feed water, significant concentrations of bicarbonate ions still remain in the water. The consequence of the presence of HCO₃⁻ ions is an increase in the alkalinity of the feed water, i.e. large losses of water and financial damage during desalination.

The application of nanofiltration delivers better quality feed water than softened water and the desalination is reduced tenfold, with significant financial savings.



Novosti u tehnologiji FASERFIX kanala

News in Technology of FASERFIX channels

Rezime:

U 2021. godini HAURATON je razvio novu recepturu za proizvodnju FASERFIX betona. Kao mikroarmatura upotrebljena su bazaltna vlakna, promenjen je tip cementa i umesto elektrofilterskog pepela upotrebljena je kamena prašina.

Promene su i na nalegajućem okviru, koji je dobio sa novim tipom cinkovanja bolju i dugotrajniju zaštitu, a zbog konstruktivnih promena i bolju konekciju sa betonom. Ova unapredjenja rezultovala su smanjenom abrazijom i povećanom nosivošću kanala.

Abstract:

In Year 2021. Hauraton developed new recipe for FASERFIX concrete production. As micro reinforcement now are using basalt fibres, cement type has been changed and instead of fly ash now we are using stone powder. Angle housing has been changed with new zinc coating for longer rust protection and construction changed provided better bound with surrounding concrete. These improvements lead to lower abrasion and significantly higher bearing of channel.

- Uvod (Vanja Daničić)
- PPOV, novine, reference (Bojana Kovač)
- SPE Grundfos bunarske pumpe sa motorom sa permanentnim magnetom (Bojana Kovač)
- Film « Grundfos bunarske pumpe u odvodnjavanju površinskih kopova »
- KPL/ KWM/ ST Grundfos pumpe u navodnjavanju i zaštiti od poplava
 - Film « Grundfos projekti zaštita od poplava i navodnjavanje

- Introduction (Vanja Daničić)
- WWTP, news, references (Bojana Kovač)
- SPE Grundfos submersible with permanent magnet motor (Bojana Kovač)
 - Film « Grundfos submersible pumps in surface mine dewatering »
- KPL/ KWM/ ST Grundfos pumps in irrigation and flood protection
 - Film « Grundfos projects flood protection and irrigation

Rezime:

Grundfos kreira pionirska rešenja u vezi svetskih izazova klime, tretmana otpadnih voda i vodosnabdevanja. Ostaviti što manji uticaj na okruženje u kome proizvodimo i poboljšati kvalitet života ljudi je obaveza i ponos za sve nas.

Uspešno realizovani projekti na PPOV, kontinualni razvoj i usavršavanje proizvoda, ukupno 4MW instalirane snage pumpi u odvodnjavanju i navodnjavanju, izgradnja druge Grundfos fabrike u Indiji, dokazuju da Grundfos neprekidno ulaže značajna sredstva i razvija se na tržištu Srbije.

Abstract:

We pioneer solutions to the world's water and climate challenges and improve quality of life for people. Leaving as little impact on the environment in which we produce and improving the quality of human life is an obligation and pride for all of us.

Successfully realized WWTP projects, continuous development and improvement of products, total 4MW of installed pump power in drainage and irrigation, construction of the second Grundfos factory in Indija, prove that Grundfos continuously invests significant funds and develops on the Serbian market. company.



Centrifugalno vijčano radno kolo & PreroClean

Screw centrifugal impeller & PreroClean

Rezime:

Hidrostat vijčane centrifugalne pumpe se koriste širom sveta. Naše pumpe su izrađene po narudžbini i posebno su prilagođene potrebama pojedinog instalacionog mesta. Na taj način postizemo visok nivo operativne efikasnosti i izvanredno energetska iskorišćenje. Dugoročno gledano, uvek se isplati investirati u pumpe kompanije Hidrostat, jer naše pumpe zahtevaju minimalno održavanje, gotovo nikada se ne začepuju, dok poseduju jedinstveno dug rok trajanja. U zavisnosti od mesta instalacije, našim klijentima pružamo asistenciju preko neke od naših podružnica ili poslovnih partnera.

Abstract:

Hidrostat screw centrifugal pumps are used all around the world. Our pumps are custom-made and are specially tailored to the needs of each location. With this procedure we achieve a high level of operational effectiveness and excellent energy efficiency. It is always worth investing in a Hidrostat pumps in the long run because our pumps are low-maintenance, they almost never clog, and their long service life is unique. Depending on the location, our clients are assisted by one of our subsidiary companies or sales partners.



Vode i otpadne vode

Water and Wastewater

Rezime:

Vode i otpadne vode. Smanjenje zastoja i obezbeđivanje toga da operateri budu tamo gde treba da budu, sa svim podacima koji su im potrebni. Iconics obezbeđuje da se svi tretmani i filtracija odvijaju tačno kako je planirano. Upravljanje alarmima garantuje momentalno prijavljivanje svih grešaka. Kako bi to postigao, sistem koristi izvorno GIS mapiranje, mobilnu vizualizaciju, distribuirano alarmiranje, kao i obaveštenja o multimedijalnim alarmima.

Abstract:

Water and Wastewater. Reduce downtime and make sure operators are where they need to be, with all the data they need in their pocket. Iconics ensures that all treatments and filtration happens exactly as planned. Alarm management ensures that any errors are immediately reported. To ensure this, the system uses Native GIS Mapping, Mobile visualization, Distributed alarming, as well as Multimedia Alarm Notifications .

VD sistem krovne odvodnje

VD roof drainage system



Rezime:

Pipelife VD sistem odvodnja krovove efikasno, čak i u slučaju obilnih padavina. Za razliku od konvencionalnih kišnih drenažnih sistema, u kojima se protok ne odvija po celom profilu cevi, podpritisni sistem drenaže kišnice koristi tehnologiju kojom se stvara energija neprekidnog vodenog stuba, formiranog između krova i nivoa tla, koja povećava brzinu protoka kišnice. To otklanja potrebu vođenja horizontalnih delova instalacije pod nagibom i u poređenju sa konvencionalnim sistemima odvodnje, potreban je manji prečnik cevi, kao i manji broj odvodnih cevi.

Abstract:

The Pipelife VD system drains roofs efficiently, even in the case of heavy rainfall. While with conventional rainwater drainage systems the flow does not take place along the entire pipe profile, the rainwater underpressure drainage system uses technology that creates energy of continuous water flow, formed between the roof and ground level, which increases the flow rate of rainwater. It eliminates the need for horizontal parts of the installation at an angle, and in compared with conventional drainage systems, it requires a smaller pipe diameter as well as a smaller number of drain pipes.

Purator inovativna rešenja i uspešni projekti

- Inovacije u okviru različitih programa
- Purator referentni projekti



Purator innovative solutions and successful projects

- Innovations in our product range
- Purator reference projects

Rezime:

Predavanje „Purator inovativna rešenja i uspešni projekti” ima za cilj da predstavi nova rešenja i proizvode koji su dostupni u okviru našeg programa.

Takodje ćemo vam predstaviti praktičnu primenu naših sistema i pokazati uspešne projekte na kojima su ti sistemi primenjeni.

Abstract:

Presentation “Purator innovative solutions and successful projects” will show new solutions and products which are now available within our product range.

We will also present application of our systems and show successful projects.



Wilo pumpe i visokoeffikasna rešenja
u vodosnabdevanju, i sakupljanju, transportu
i tretmanu otpadnih voda

Wilo pumps and high-efficient solutions for water
supply, wastewater collection & transport

Rezime:

Eksploatacija, priprema i tretman vode spadaju u najveće izazove budućnosti. Bilo da se radi o komunalnoj vodoprivredi, industriji, zgradarstvu, poljoprivredi ili građevinstvu i rudarstvu, Wilo neprestano radi na pronalaženju novih, još efikasnijih i trajnijih rešenja za vaš projekat.

Naše pumpe i pumpne stanice sa sistemom za odvajanje čvrstih materija su dizajnirane da veoma efikasno i bez poteškoća transportuju vodu sa čvrstim materijama, a Wilo rešenja za vodosnabdevanje već duže vreme predstavljaju standard u pumpnoj tehnici.

Abstract:

Water production and supply are among the most important challenges of the future. Whether for municipal water management, industry, building services, agriculture or construction and mining, Wilo always works at finding more efficient and sustainable solutions for your project.

Design of our pumping solutions for collection and separation of solid substances supports clean, safe and reliable wastewater transport, and our water supply products have been the standard in pumping technology for a long time already.

