

●●● PREZENTACIJA FIRMI
NA FORUMU VODA

●●● PRESENTATION OF COMPANIES
ON THE WATER FORUM



INDAS
industry assistance



GRUNDFOS 
Possibility in every drop

INNOMOTICS



 Hydrovision doc

 **PEŠTAN**
mi gradimo poverenje

PRIMAlab
a member of the Metrohm group

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TRADE360



WATSON Fluid
MARLOW Technology
Solutions

ACO GRAĐEVINSKI ELEMENTI d.o.o.
Predavači - Tijana Dobrivojević i Srđan Tomić



Tretman površinskih voda – EU iskustva i primena
Surface water treatment – EU experience and implementation

Rezime:

Sistemska rešenja tretmana površinskih voda sa saobraćajne infrastrukture, autoputeva, kroz primenu inovativnih ACO proizvoda.

Abstract:

System solutions for surface water treatment from traffic infrastructure, highways, through the application of innovative ACO products.

DANFOSS d.o.o. & INDAS d.o.o.

Unapređenje efikasnosti u sektoru vodosnabdevanja pomoću pogona koji
koriste veštačku inteligenciju
Unlocking Efficiencies in Water sector with AI-Powered Drives



Rezime:

Pametni pogoni transformišu industrijsku efikasnost. Oni prevazilaze osnovnu kontrolu motora analizirajući podatke iz ugrađenih senzora koristeći veštačku inteligenciju (AI) i mašinsko učenje (ML). Ovo im omogućava da predviđaju i sprečavaju probleme, štedeći energiju i smanjujući zastoje. U složenim sistemima poput upravljanja vodom, ovaj pristup zasnovan na podacima pruža dragocene uvide operaterima, slično kako tehnologija pomaže hirurzima i pilotima.

Abstract:

Smart drives are transforming industrial efficiency. They go beyond basic motor control to analyze data from built-in sensors using AI (artificial intelligence) and ML (machine learning). This allows them to predict and prevent issues, saving energy and reducing downtime. In complex systems like water management, this data-driven approach provides valuable insights for operators, similar to how technology aids surgeons and pilots.

ELECTRO PNEUMATIC SOLUTIONS d.o.o. & HYDROVISION d.o.o.

Primena i značaj Invertek drives frekventnih regulatora

The Application and Significance of Invertek Drives Frequency Inverters

Rezime:

Frekventni regulatori kompanije Invertek drives, bilo da su za opštu primenu, visokih performansi, za specifične aplikacije ili OEM-ove, imaju značajan uticaj na uštedu energije i smanjenje troškova u industrijskim primenama. Oni omogućavaju precizno upravljanje brzinom motora, što dovodi do smanjenja potrošnje energije i produžavanja veka trajanja opreme. Takođe, oni pružaju fleksibilnost i mogućnost prilagođavanja regulatora specifičnim potrebama primene, što ih čini neophodnim u modernim industrijskim sistemima.

Abstract:

Frequency inverters from Invertek Drives, whether for general use, high performance, specific applications, or OEMs, have a significant impact on energy savings and cost reduction in industrial applications. They enable precise control of motor speed, which leads to reduced energy consumption and extended equipment lifespan. Additionally, they offer flexibility and the ability to tailor the drives to the specific needs of an application, making them indispensable in modern industrial systems.



FASEK



FASEK ENGINEERING AND PRODUCTION d.o.o.

SAMSON AG - Rešenja za higijenske procese

SAMSON AG – Hygienic Process solutions

Rezime:

SAMSON AG portfolio obuhvata ventile za prehrambenu i farmaceutsku industriju proizvedene prema strogim sanitarnim propisima poput FDA, 3A i EHEDG, kao i ventile za snabdevanje proizvodnih procesa energijom.

- Dizajn prema DIN i ANSI standardima
- Procesni priključci ventila su priрубnice, sanitarni priključci, Tri-Clamp® i priključci za zavarivanje
- Primena: proizvodne linije, tretmani vode, CIP i SIP
- Izvedba kućišta bez mrtvih prostora, sa glatkom satenski ili ogledalo poliranom površinom na unutrašnjim i spoljašnjim površinama
- Za najstrože higijenske zahteve dostupna je izvedba s dodatnim parnim vodom za čišćenje CIP metodom
- Modularna izvedba – mogućnost dodavanja aktuatora, pozicionera, krajnjih prekidača i elektromagnetnih ventila

Abstract:

The SAMSON AG portfolio includes valves for the Food&Beverage and Pharmaceutical industry as well as for plants' energy supply.

- Valve design in accordance to DIN and ANSI standards
- Valves process connections are flanges, sanitary connections, Tri-Clamp® and welding connections
- Application: process production lines, water treatment, CIP and SIP
- Valve body design free of dead spaces, with a smooth satin or mirror finish on the inner and outer surfaces
- For the strictest hygiene requirements, a version with additional steam line for cleaning using the CIP method is available
- Modular design – valves can be equipped with SAMSON GROUP actuators and accessories such as positioners, limit switches, and solenoid valves

Predavači - Aleksandar Krstić, Vanja Daničić, Goran Vujinović

- ATLANTIC serija pumpi za otpadne vode sa inovativnom hidraulikom i otvorenim S-tube radnim kolom,
- Prefabrikovana resenja pumpnih stanica sa ugradjenim sistemom za odvajanje čvrste komponente,
- UTILITY CONNECT internet platforma za daljinsko upravljanje i nadgledanje rada pumpnih sistema,
 - Nova dozirna pumpa SMART DDA 4

- ATLANTIC series of wastewater pumps with innovative hydraulics and open S-tube impeller,
- Prefabricated solutions of pumping stations with integrated solid separator systems,
- UTILITY CONNECT internet platform for remote control and monitoring of pumping systems,
 - New dosing pump SMART DDA 4

Rezime:

Grundfos kreira pionirska rešenja vezano za izazove usled klimatskih promena, tretmana otpadnih voda i vodosnabdevanja. Naš cilj je da poboljšavamo kvalitet života ljudi i da što manje utičemo na okruženje u kome proizvodimo.

Uspešno realizovani projekti na PPOV, kontinualni razvoj i usavršavanje proizvoda, ukupno 5.5 MW 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 5.5 MW of installed pump power in flood protection and irrigation, construction of the second Grundfos factory in India, prove that Grundfos continuously invests significant funds and develops on the Serbian market.

**Hidromašinska i elektrooprema za tretman komunalnih otpadnih voda
Hydromechanical and electrical equipment for municipal wastewater treatment****Rezime:**

Dugogodišnje iskustvo distribucije, ugradnje i servisiranja opreme za tretman otpadnih komunalnih voda podstaklo je određena rešenja koja su smanjila troškove održavanja i podstakla uštedu električne energije. Ključni elementi iz prakse i dobrih tehničkih rešenja odnose se pre svega na separaciju i usitnjavanje krupnog otpada iz komunalnih otpadnih voda kao i smanjenje troškova u pogledu dehidracije viška mulja. Renomirani proizvođači iz ove oblasti: SULZER, FLUITECO srl, BUSCH Technology i KUBIČEK.

Abstract:

Many years of experience in the distribution, installation and servicing of equipment for the municipal waste water treatment have encouraged neat solutions that have reduced maintenance costs and encouraged electricity savings. The key elements from practice and good technical solutions relate primarily to the separation and shredding of large waste from municipal wastewater, as well as the reduction of costs in terms of dehydration of excess sludge. Renowned manufacturers in this field: SULZER, FLUITECO srl, BUSCH Technology and KUBIČEK.

**Inženjerska i energetska efikasna rešenja u vodosnabdevanju
Engineering and energy efficient solutions in water supply****Rezime:**

Motori i pogoni su naš posao. Naš napredni proizvodni program motora, generatora, srednjenaponskih regulatora, motora sa reduktorima i pogonskih sistema kao i kompletnih inženjering usluga je višestruko dokazan u svim pogonima u vodosnabdevanju i u tretmanu otpadnih voda. Pouzdanost, kontinuitet i više od 150 godina inženjeringa opravdali su ime Innomotics kod kupaca. Danas naša rešenja donose dodatnu efiksnost i raspoloživost u vodoprivredi.

Abstract:

Electrical motors and drives are our business. Our advanced range of motors, generators, medium voltage drives, geared motors and drive systems as well as complete engineering services have been proven multiple times in all plants both in the water supply and in the wastewater treatment plants. Reliability, continuity and more than 150 years of engineering have justified the Innomotics name with customers. Today, our solutions improve efficiency and availability of water plants.

AmaRex Pro – Inteligentna potapajuća pumpa za otpadne vode
AmaRex Pro – Intelligent waste water submersible pump

Rezime:

AmaRex Pro

AmaRex Pro je inteligentna, vertikalna potapajuća pumpa dizajnirana za mokru instalaciju, sa jednostepenim, otvorenim sa dvokalnalnim radnim kolom (D-max). Pokreće je motor visoke efikasnosti IE5, a integrisane funkcije poput automatskog prepoznavanja zapušenja i samostalnog čišćenja (deragging) osiguravaju optimalan rad i smanjuju potrebu za održavanjem. Idealna za zahtevne primene, AmaRex Pro kombinuje energetska efikasnost i pouzdanost, čime smanjuje vreme zastoja i operativne troškove.

Abstract:

AmaRex Pro

The AmaRex Pro is an intelligent, vertical submersible pump set designed for wet installation, featuring a single-stage, open two-vane impeller (D-max). Powered by a high-efficiency IE5 motor, it incorporates advanced integrated functions, including automatic clogging detection and self-cleaning deragging capabilities, ensuring optimal performance and minimal maintenance. Ideal for demanding applications, the AmaRex Pro combines energy efficiency with reliability, reducing downtime and operational costs.

PEŠTAN d.o.o.



Ekološka deklaracija proizvoda
Environmental Product Declaration

Rezime:

Veoma značajan korak za Peštan je dobijanje EPD sertifikata, ekološke deklaracije proizvoda, koja kvantifikuje informacije životne sredine o životnom ciklusu proizvoda.

Grupe proizvoda koje poseduju deklaraciju su PE 100, PP Strong, PP Korugovane i PVC cevi i fitinzi. Peštan je među prvim kompanijama u Srbiji koja poseduje EPD deklaracije u oblasti za navedene grupe proizvoda.

EPD je verifikovan u skladu sa ISO 14025 od strane nezavisnog verifikatora treće strane.

Abstract:

A very important step for Pestan is obtaining an EPD certificate, an environmental product declaration, which quantifies environmental information about the product's life cycle.

Product groups that have the declaration are PE 100, PP Strong, PP Corrugated and PVC pipes and fittings. Pestan is among the first companies in Serbia that has EPD declarations in the area for the mentioned product groups.

This EPD has been verified in accordance with ISO 14025 by an independent third party verifier.

PRIMALAB d.o.o.

Voda pod lupom: Savremene instrumentalne metode za analizu vode **Water Under the Microscope: Modern Instrumental Methods for Water Analysis**

Rezime:

Merenje i praćenje osnovnih hemijskih parametara u procesnoj i pijaćoj vodi su od velikog značaja sa zdravstvenog i industrijskog aspekta. Nudimo laboratorijska i procesna rešenja za različite aplikacije. Počevši od osnovnih merenja kao što su pH vrednost, alkalitet, ukupna tvrdoća vode, preko sadržaja nitrita, hlorida, sulfata i drugih anjona i katjona pa sve do novih, atraktivnih istraživanja poput mikroplastike. Predstavljamo različite konfiguracije sistema sa najsavremenijim rešenjima.

Abstract:

Measurement and monitoring of basic chemical parameters in process and drinking water are of great importance from both health and industrial perspectives. We offer laboratory and process solutions for various applications. Starting from basic measurements such as pH value, alkalinity, total water hardness, to nitrites, chlorides, sulfates, and other anions and cations, all the way to new, exciting research such as microplastics. We present different system configurations with the latest solutions.

PURATOR EKOTEHNIKA d.o.o.

Poboljšanje kvaliteta životne sredine primenom savremenih rešenja u odvodnjavanju **Improving the quality of the environment by applying modern solutions in drainage**

Rezime:

Zahvaljujući kombinaciji novih tehnologija i najkvalitetnijih sirovina omogućavamo da savremeni proizvodi i rešenja budu dostupni našem tržištu.

Detaljnije ćemo predstaviti novitete u niskogradnji: najnoviji monolitni prefabrikovani sistem linijskog odvodnjavanja FILCOTEN ONE URBAN- kanal za urbane prostore; Poklopce sa specijalnim prigušenjem buke P TOP SILENT kao i samonivelišući poklopac klase E600-P TOP STRONG-za rekonstrukciju.

Abstract:

Thanks to the combination of new technologies and the highest quality raw materials, we enable modern products and solutions to be available to our market.

We will present in detail the novelties in civil engineering: the latest monolithic prefabricated linear drainage system FILCOTEN ONE URBAN- channel for urban spaces; Covers with special noise reduction P TOP SILENT as well as self-leveling cover class E600-P TOP STRONG-for reconstruction.

Značaj GRP cevi u tehnikama podbušivanja Importance of GRP pipes in trenchless techniques

Rezime:

Cevi od plastike ojačane staklom (GRP) se sve više koriste kod tehnika podbušivanja zbog njihove male težine, velike čvrstoće i otpornosti na koroziju. Ova prezentacija pokriva prednosti GRP cevi u podbušivanju, uključujući jednostavnost ugradnje, izdržljivost i ekološke prednosti. Pored toga, istražuje glavne aspekte dizajna, nosivost i studije slučaja, naglašavajući njihovu rastuću ulogu u savremenim infrastrukturnim projektima za minimiziranje površinskih poremećaja i poboljšanje efikasnosti projekta.

Abstract:

Glass Reinforced Plastic (GRP) pipes are increasingly used in trenchless jacking processes due to their lightweight, high strength, and corrosion resistance. This presentation covers the advantages of GRP pipes in pipe jacking, including ease of installation, durability, and environmental benefits. Additionally, it explores major design considerations, load-bearing capacity, and case studies, highlighting their growing role in modern infrastructure projects for minimizing surface disruptions and improving project efficiency.

VONROLL HYDRO BEOGRAD



Misija ka Nultom gubitku vode Mision Zerowaterloss

Rezime:

Predavanje će se baviti ekološkim aspektom gubitka resursa, količinom vode koja se gubi pri distribuciji vode i koje su posledice.

Misija kompanije je nulti gubitak vode i za tu potrebu vonRoll je razvio novu generaciju integrisanih i inovativnih proizvoda i usluga. Pokazaćemo na koji način uređaji pružaju rešenja za konstantan nadzor, kontrolu, servisiranje i pravovremeno otkrivanje gubitaka vode u realnom vremenu kroz prikaz studije slučaja.

Abstract:

The presentation will focus on the ecological aspects of resource loss, specifically focusing on the volume of water lost during the distribution process and its resulting impacts.

The company's core mission is to achieve zero water loss, and to meet this objective, vonRoll has developed a new generation of integrated and innovative products and services. We will demonstrate how these devices provide solutions for continuous control, servicing, real-time monitoring, and timely detection of water losses, illustrated through a case study presentation.

Peristaltičke pumpe svetske klase u izazovima pumpanja vode i otpadne vode.

World-class peristaltic pumps for challenges in water and wastewater

Rezime:

Watson-Marlow predstavlja peristaltičke pumpe za vodu i otpadnu vodu. Jednostavne za rukovanje, precizne, samousisne i sposobne da rade na suvo.

Qdos sa patentiranom i lako zamenjivom ReNu® glavom je idealno rešenje za sve dozirne zadatke do 600 L/h.

Bredel heavy duty pumpe za abrazivni mulj do 108.000 l/h i pritiske do 16 bar.

Abstract:

Watson-Marlow presents peristaltic pumps for water and wastewater. Simple to operate, accurate, self-priming and capable of running dry.

Qdos with the patented, easy to replace ReNu® pumphead is the perfect solution for all metering tasks up to 600 L/h.

Bredel heavy duty pumps handle abrasive sludges up to 108.000 L/h and pressures to 16 bar.

