

Tehnix[®]



ECO INDUSTRY

DESIGN, PRODUCTION, SERVICE,
MAINTENANCE OF EQUIPMENT
AND DEVICES FOR
ENVIRONMENTAL
PROTECTION,
WASTE RECYCLING
AND WASTE WATER
TREATMENT



Tehnix is my friend



KNOW-HOW ● INNOVATION ● EXPERIENCE ● TECHNOLOGY
CONSULTING ● DESIGNING ● MANUFACTURING

2016

WE ARE YOUR PARTNER IN ENVIRONMENTAL PROTECTION

LET'S GO FURTHER TOGETHER!

The company Tehnix is leading eco industry,
We produce devices and equipment for environmental protection.

Now we are together in European Union.

Our common goal is implementation of new technologies that will generate higher results in waste management which shall become new source of raw materials, a great energy potential as RDF and composting of organic waste into eco-fertilizer.

Through development of new technologies we can achieve faster EU tasks, goals of a sustainable development and contribute to prevention of global climate changes.

With our innovative technologies we are able to stop air, water and land pollution and together to achieve a sustainable future!

Đuro Horvat
President of Company

PRODUCTION PROGRAM TEHNIX

1. FACTORIES FOR MIXED MUNICIPAL WASTE TREATMENT
2. SORTING PLANTS FOR CLEANING AND BALING OF RAW MATERIALS FROM WASTE
3. FACILITIES FOR COMPOSTING OF BIODEGRADABLE WASTE
4. RELOADING STATIONS FOR MIXED MUNICIPAL WASTE
5. EQUIPMENT FOR RECOVERY AND REMOVAL OF OLD LANDFILLS
6. DEVICES FOR WASHING AND DESINFECTION OF UTILITY VEHICLES
7. SPECIAL COMMUNAL VEHICLES EKOMUNAL TEHNIX
8. VEHICLE'S UPGRADE – LIFTER, HOOKLOADER
9. PRODUCTION OF PRESS-CONTAINERS AND ROLL CONTAINERS
10. RECYCLING YARDS AND MUNICIPAL CONTAINERS
11. KO-tainers FOR RECEPTION OF SLAUGHTER HOUSE AND FOOD WASTE
12. VERTICAL, HORIZONTAL AND SPECIAL BALING PRESSES
13. AUTOMATIC BALING PRESSES PRESSURE CAPACITY OF 30, 60, 90 TONS
14. TEARERS, CONVEYORS, SHREDDERS, PERFORATORS
15. STANDARD SEPARATORS FOR PROCESSING OF OILY WATER
16. BIOROTORS – DEVICES FOR BIOLOGICAL TREATMENT OF WASTE WATER
17. BIOREACTOR PLANTS FOR TREATMENT OF MUNICIPAL WATER
18. MOBILE OIL PUMPS AND CISTERNS AND SPECIAL TANKS
19. ECO EQUIPMENT, STORAGES, EMERGENCY CONTAINERS, METAL CABINETS
20. CONTAINERS PRODUCTION PROGRAM – SCHOOLS, KINDERGARTENS, SETTLEMENTS
21. OTHER SPECIAL PRODUCTS, EQUIPMENT AND PLANTS ON THE REQUEST

WITH TECHNOLOGIES TEHNIX WE ACHIEVE A CIRCULAR ECONOMY



Zlatna kuna award for the most innovative company in 2004



Rep. of Croatia award OSCAR for environmental protection in 2004



Innovation
awards
Brussels
2007



WORLD RECOGNITION
OF UNSG BAN KI-MOON



President of company
honored with Order of
Croatian Danica with
figure of Nikola Tesla



Arca 2010. GRAND PRIX
Award for communal
waste recycling facility
type Tehnix

80 AWARDS FOR ACHIEVEMENTS IN ECO TECHNOLOGIES DEVELOPMENT

BUSINESS - PRODUCTION CAPACITIES OF THE COMPANY

TEHNIX - GLOBAL BRAND IN ECO INDUSTRY TECHNOLOGY



Headquarters of company



Panoramic view of the hotel KRALJ (King) and fuel station KRALJICA (Queen)



Panoramic view of the factory in Donji Kraljevec



New factory building



Management - fast and expert communication with the market



Technical management - design and products development



YOUR PARTNERS – MANAGERS OF COMPANY TEHNIX – REACH SUCCESS TOGETHER

Tehnix® THE MBT-T INNOVATIVE TECHNOLOGY FOR WASTE MANAGEMENT IS AN INDUSTRIAL RECYCLING

**WE BUILD A MODERN STANDARD FACTORIES FOR TREATMENT
OF MIXED MUNICIPAL WASTE
A RECYCLING CAPACITY UP TO
5 – 10 – 15 – 20 – 40 t/h
WE HAVE BUILT 60 FACTORIES**



MBT-T
**THE RIGHT SOLUTION
OF ECOLOGICAL PROBLEMS
FOR CITIZENS, NATURE, INDUSTRY**

1. FACILITY FOR RECYCLING OF MIXED MUNICIPAL WASTE
2. LINE FOR PRODUCTION, SHREDDING AND BALING OF RDF FUEL
3. FACILITY FOR BIODEGRADABLE WASTE TREATMENT AND PRODUCTION OF ECO COMPOST
4. RECYCLING YARDS FOR PERSONAL, HOUSEHOLD, RESIDENTIAL AND SOLID RECYCLING WASTE
5. SOLAR POWER PLANT WITH INSTALLATION ON THE ROOF OF THE FACILITY

OUR MBT-T PROJECTS ARE SUPPORTED AND FINANCED BY EUROPEAN UNION AND THE WORLD BANK

TECHNOLOGICAL AND ECONOMY ADVANTAGES OF MBT-T

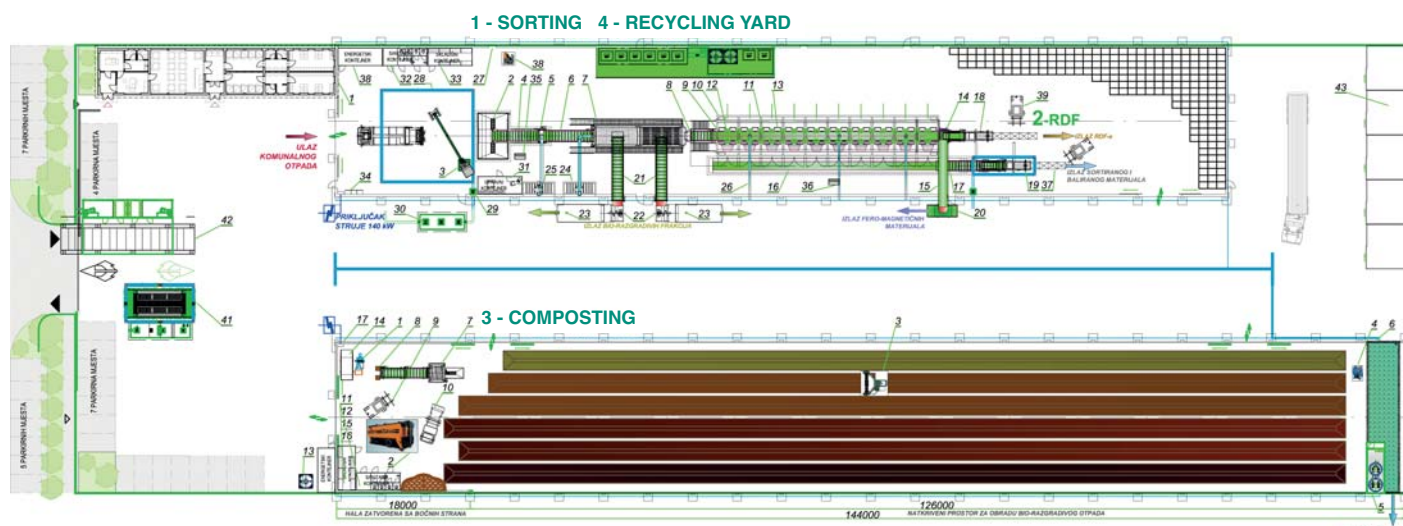
1. Economical collection of communal waste with existing equipment and vehicles.
2. Together we will determine the optimum capacity of the plant for recycling and composting.
3. Tehnix provides conceptual design of complete hall for municipal waste treatment.
4. Complete description of the equipment technology and facilities for recycling and composting.
5. We cooperate by making of the tender documentation as per international standards.
6. We offer a complete technical cooperation in developing the main project and project location
7. We define the equipment specification and plant capacities and evaluation of investments.
8. After the contract, we manufacture, supply, install and put into function facility for treatment.
9. We take responsibility for continuous functionality of the project and plant for recycling.
10. We provide spare parts, efficient service, training of service man and customer.
11. For delivered equipment we give manuals for management and appropriate certifications.
12. The whole project we built by “turnkey” system, till obtaining of occupancy permit.

MBT-T TECHNOLOGY OF CLOSED WASTE MANAGEMENT SYSTEM

COMMUNAL WASTE PROCESSING FACILITIES TECHNOLOGICAL INNOVATION IN WASTE MANAGEMENT



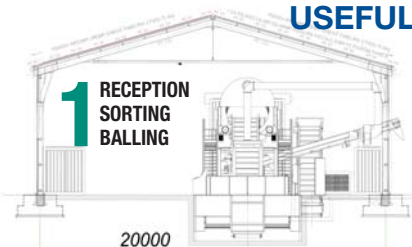
MBT-T FACILITIES FOR MIXED MUNICIPAL WASTE TREATMENT STANDARD FACILITIES LENGTH 120 – 140 – 160 – 180 – 200 m



CLOSED SEMI-AUTOMATIC SYSTEM OF WASTE MANAGEMENT

1. FACILITY FOR RECYCLING OF MIXED AND PRE-SORTED MUNICIPAL WASTE
2. TECHNOLOGY FOR PRODUCTION, SHREDDING AND BALING OF RDF FUEL
3. FACILITY FOR TREATMENT OF BIODEGRADABLE WASTE AND PRODUCTION OF ECO COMPOST
4. RECYCLING YARDS FOR RECEPTION OF HOUSE AND CONSTRUCTION WASTE
5. SOLAR POWER PLANT WITH INSTALLATION ON THE ROOF CAPACITY OF 200-400 KW

USEFUL RAW MATERIALS AND ENERGY FROM WASTE



1. PLASTIC
2. CARDBOARD
3. PAPER
4. PET PACKAGING
5. AL PACKAGING
6. TEXTILE
7. GLASS
8. METAL
9. COMPOST
10. RDF FUEL



	CAPACITY = t/hour EP = NUMBER OF INHABITANTS	CENTER DIMENSION [L x W]	HALE DIMENSION [W x L x H]	INSTALLED POWER OF SOLAR PLANT	NUMBER OF EMPLOYED STUFF	RECYCLING INSTALLED POWER
1.	CAPACITY TO 5 t/h OR 50 000 EP	120 x 60 m	20 x 72 x 9 m	100 + 100 = 200 kW	14 + 4 = 18	70 kW
2.	CAPACITY TO 10 t/h OR 100 000 EP	140 x 60 m	20 x 90 x 9 m	125 + 125 = 250 kW	22 + 5 = 27	100 kW
3.	CAPACITY TO 15 t/h OR 150 000 EP	160 x 60 m	20 x 108 x 9 m	150 + 150 = 300 kW	28 + 6 = 34	120 kW
4.	CAPACITY TO 20 t/h OR 200 000 EP	180 x 60 m	20 x 120 x 9 m	175 + 175 = 350 kW	36 + 8 = 44	140 kW
5.	CAPACITY TO 40 t/h OR 400 000 EP	200 x 100 m	30 x 132 x 10 m	200 + 200 = 400 kW	80 + 10 = 90	150 kW

STANDARD MBT-T FACTORIES FOR WASTE TREATMENT ARE PAYABLE WITHIN 5 YEARS

MBT-T MECHANICAL BIOLOGICAL AND THERMAL TREATMENT OF MIXED MUNICIPAL WASTE



DESIGN - PRODUCTION - ASSEMBLY - TRAINING - SERVICE

ROTO SIEVE – SPECIAL DEVICE FOR AUTOMATIC SEPARATION OF BIODEGRADABLE WASTE CAPACITY FROM 3 TO 20 t/h



SPECIAL DEVICE SEPARAT ROTOR – EFFICIENT SEPARATION SYSTEM OF BIOLOGICAL FRACTION FROM MIXED MUNICIPAL WASTE VARIOUS CAPACITIES

RTOSIEVE TYPE	CAPACITY	DRUM DIMENSIONS	LENGTH	WIDTH	HEIGHT	PERFORATION DIMENSIONS	INSTALLED POWER
	[t/h]	[mm]	[mm]	[mm]	[mm]	[mm]	[kW]
RS 3	up to 3	Ø 2400 x 4000	6000	2990/4600	3250/4200	Ø 55/ □ 55 x 120	5,5 + 3,0
RS 5	up to 5	Ø 2400 x 6000	8000	2990/4600	3250/5700	Ø 55/ □ 55 x 120	2 x 5,5 + 4,0
RS 10	up to 10	Ø 2400 x 8000	10000	2990/4600	3250/5800	Ø 55/ □ 55 x 120	2 x 5,5 + 2 x 4,0
RS 15	up to 15	Ø 2400 x 10000	12000	2990/4600	3250/5900	Ø 55/ □ 55 x 120	2 x 11,0 + 2 x 5,5
RS 20	up to 20	Ø 2400 x 12000	14000	2990/4600	3250/6000	Ø 55/ □ 55 x 120	2 x 11,0 + 2 x 5,5

SUSTAINABLE WAY OF MUNICIPAL WASTE MANAGEMENT COMPLETE RECYCLING OF MIXED MUNICIPAL WASTE

FACILITIES FOR MUNICIPAL WASTE TREATMENT RECYCLING OF WASTE AND BALING OF RAW MATERIAL AND RDF FUEL WITHOUT DISPOSAL ON LANDFILLS



Finished waste management center 10 t/h - Tuzla



Sorting line JP DEPONILJA - Mostar 15 t/h



Sorting line in Progres - Doboj 5 t/h

RDF PRE-DRIED, SHREDDED, BALED,
COMBUSTIBLE REST OF MIXED
MUNICIPAL WASTE



plastic
cardboard
paper
tetrapack
wood
rubber
leather
textile
lantern
others



BALE OF RDF FUEL

RDF = ENERGY

1 kg = 4000 kcal

Cement plant – power – power plant

TEHNIX EQUIPMENT FOR WASTE RECYCLING

FILTER STATION – BAG OPENER – METAL SEPARATION – CRANE DOSING



Air filter station - type 1 (2250 x 1650 x 2500), type 2 (4400 x 1650 x 2500)



Automatic separation of metal from waste



Bags opener type TEHNIX - capacity from 5-20 t/h, possibility of bags opening 5-50 kg

TEKRAN 500 serves for dosing of the exit opening in special conditions: when the waste is frozen, during higher loading of the line, because system's unblocking, because of taking special materials (wood, metal), and because removing of confiscate. Separate technological unit, which is used for maintaining of permanent facility function and dosing continuity of mixed communal waste and regulate communal vehicles arrival continuity.

TEKRAN has corresponding technical and safety documentation, attests and instructions for safe handling and serving, and it is important to emphasize that it has a rotating light which ensures safety of serving unit and surroundings.



TEKRAN TEHNIX - for dosing of mixed communal waste

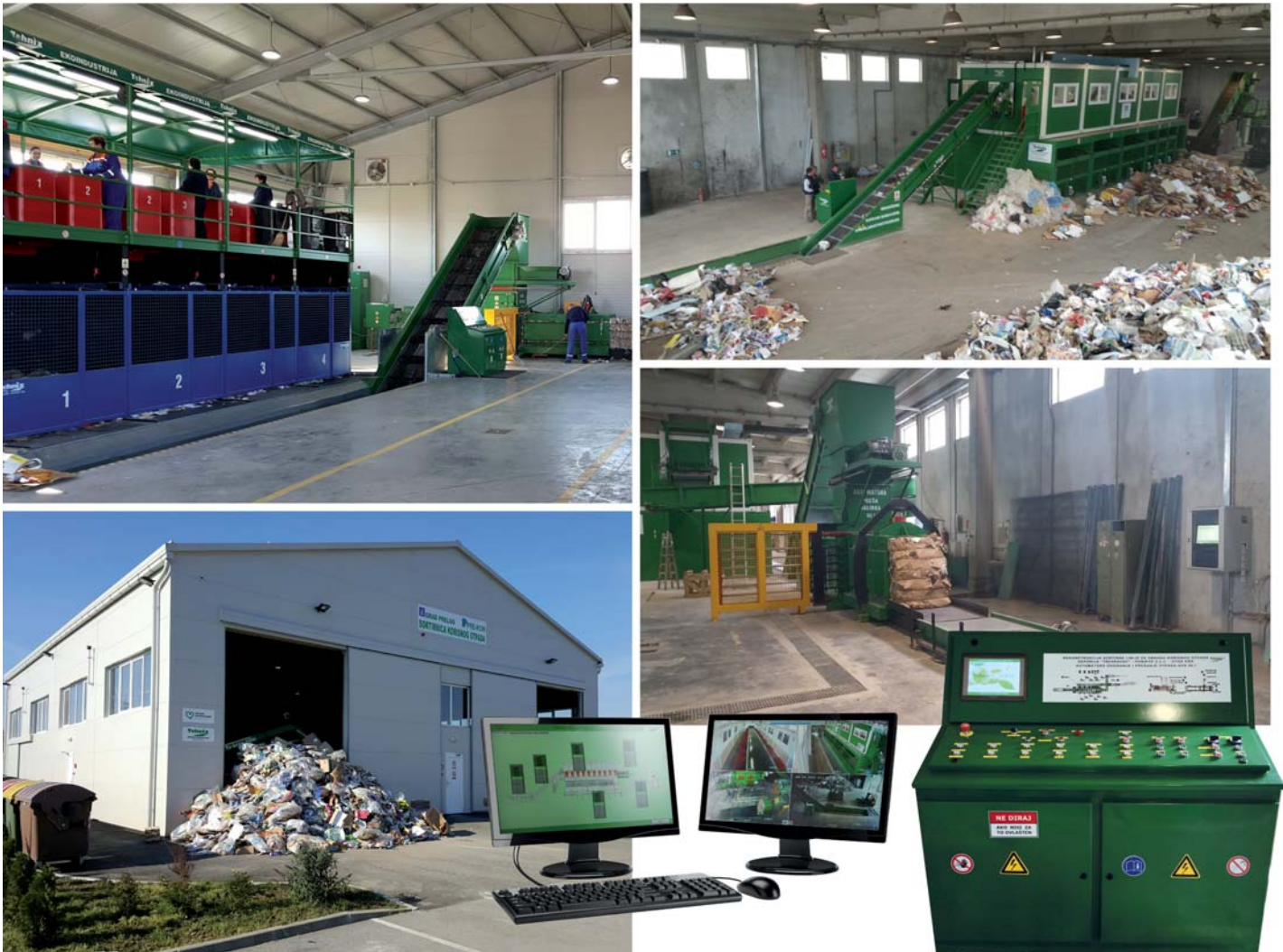


Functional and simple

TYPE	MAX. LOAD	GRIP WIDTH	MAXIMAL RANGE	MINIMAL RANGE	MAXIMAL LIFTING HIGHT	TURN	INSTALLED POWER
	(kg)	(mm)	(mm)	(mm)	(mm)	(°)	(kW)
TeKran 500	up to 500	750 / 1500	6000	2300	2800	180	4
TeKran 1000	up to 1000	700 / 1250	7800	3200	4785	180	4
TeKran 1500	up to 1500	700 / 1500	9900	6550	5100	180	5,5

MBO-T SUSTAINABLE METHOD OF MUNICIPAL WASTE MANAGEMENT

FACILITY FOR SORTING AND BALING OF USEFUL WASTE



RELEASING MILLIONS OF HECTARES OF LANDFILLS AND BILLIONS € OF SAVINGS

- M** MEHCANICAL RECYCLING OF MUNICIPAL WASTE ACCORDING TO THE USE VALUE
SORTING OF : PLASTIC - CARDBOARD - PAPER - PET - MET - TEXTIL - GLASS - METAL ≈ 20 %
- B** BIOLOGICAL TREATMENT OF BIO-DEGRADABLE MATERIAL FROM MUNICIPAL WASTE
PRODUCTION OF COMPOST IN ROOFED AREA AND CONTROLLED CONDITIONS ≈ 30 %
- O** PROCESSING OF WASTE ACCORDING TO THE USE VALUE WITHOUT LANDFILLS
WITHOUT NEGATIVE IMPACT ON THE ENVIRONMENT. PROTECTION OF SOIL - WATER - AIR
- T** THERMIC TREATMENT OF RDF BALING OF REST OF SMALL DRIED COMBUSTIBLE WASTE ≈ 50 %
IT IS USED AS FUEL IN CEMENT PLANTS OR IN PRODUCTION OF ELECTRIC ENERGY 100 %

SOCIALLY RESPONSIBLE AND SUSTAINABLE WASTE MANAGEMENT

MUNICIPAL WASTE IS RAW MATERIAL AND ENERGY

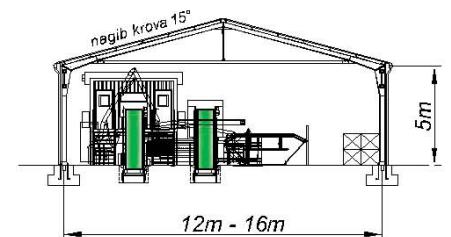
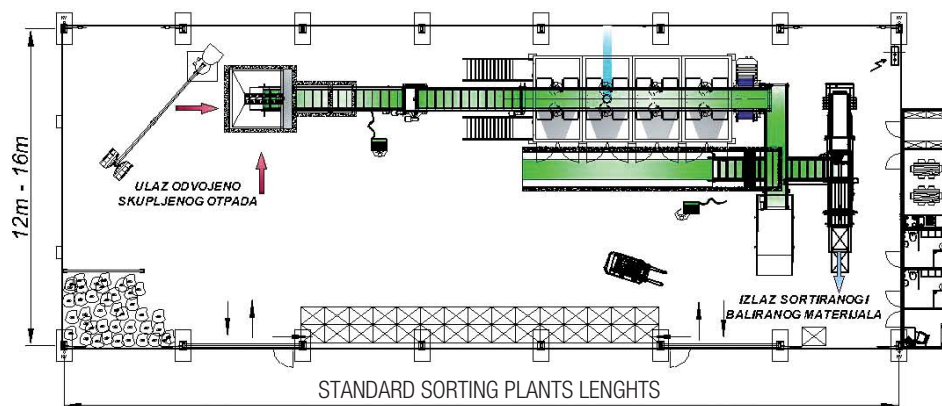
SORTING PLANTS FOR RECYCLING AND BALING OF RAW MATERIALS FROM COLLECTED MUNICIPAL WASTE



SORTING PLANT WITH EQUIPMENT – PREFABRICATED AND MOBILE



**INNOVATION
KNOW-HOW
EXPERIENCE
PARTNERSHIP
IN RECYCLING
OF MUNICIPAL
WASTE**



TYP	CAPACITY - t/year EP = NUMBER OF INHABITANTS	HALE DIMENSION [W x L x H]	LAYOUT AREA SORTING	NUMBER OF EMPLOYED STUFF	RECYCLING INSTALLED POWER
1	1000 t or 10 000 EP	12 x 24 x 5 m	290 m ²	6	30 kW
2	1500 t or 15 000 EP	12 x 30 x 5 m	360 m ²	8	40 kW
3	2000 t or 20 000 EP	16 x 42 x 6 m	670 m ²	10	50 kW
4	3000 t or 30 000 EP	16 x 48 x 6 m	770 m ²	12	60 kW

CAPACITIES OF SORTING PLANTS FOR MUNICIPAL WASTE RECYCLING

EQUIPMENT FOR COMPOST PRODUCTION FROM BIODEGRADABLE WASTE

SUSTAINABLE DEVELOPMENT BY WASTE USING AND COMPOST PRODUCTION



ECO - KOMPOSTER - device for wood treatment, diameter to 120 mm

TEHNIX - the process of composting in piles around the world function reliably in all climatic zones. Reuse of organic waste is kept landfill resources and significantly reduces greenhouse gas emissions in relation to the landfill or incinerator. The use of organic fertilizer increases the humus content in the soil and permanently improves its fertility.

WE PROVIDE PROFESSIONAL ADVICE AND PROJECTS FOR COMPOSTING PLANTS



FACILITY FOR TREATMENT OF BIODEGRADABLE WASTE from 8 to 10 weeks KOMPOSTER SIEVE – COMPACT DEVICE FOR QUALITY AND FAST COMPOSTING



KOMPOST SIEVE 20/2500	
LENGTH	7445 mm
WIDTH	2620 mm
HEIGHT	3180 mm
MASS	4450 kg
LENGTH OF SIEVE	2570 mm
DIAMETER OF SIEVE	1920 mm
PERFORATION	1920 mm
ROTATION SPEED	1 - 8 min ⁻¹
CAPACITY OF INPUT HATCH	5 m ³
HEIGHT OF LOADING	2650 mm
INSTALLED POWER	8 kW

Modern waste management involves separating materials by type, where the separation of bio-waste is in the first phase in this complex process. The company Tehnix has, using the knowledge and experience in the field of separation and sorting of municipal waste, developed a mobile device for remediation of old landfills and reduction of landfilled mixed municipal waste, called KOMPOSTER SIEVE. Komposter sieve is designed to work independently with the possibility of dual power / with network power supply or built-in diesel generator power 8.8 kW.

SUSTAINABLE DEVELOPMENT BY EXPLOITATION OF ORGANIC WASTE AND COMPOST PRODUCTION

BIOLOGICAL TREATMENT OF ORGANIC WASTE GREEN WASTE, WASTE SLUDGE, WASTE FROM AGRICULTURE TECHNOLOGY TEHNIX PROVIDES FAST COMPOSTING WITHIN 8 - 10 WEEKS



TEKRAN TEHNIX-for dosing
of organic waste



KOMPOSTER a device for treatment
of biodegradable waste



COMPOST SIEVE a compact device for quality and fast
sifting



SANATOR OF OLD DUMPS TEHNIX
Extraction of compost

1. INDUSTRIAL COMPOSTING OF ORGANIC WASTE UNDER CONTROLLED CONDITIONS WITH TECHNOLOGY TEHNIX
2. BIOLOGICAL TREATMENT ENABLES FAST PRODUCTION OF QUALITY ORGANIC FERTILIZER FOR AGRICULTURE
3. COMPANY TEHNIX HAS DEVELOPED A NEW TECHNOLOGY FOR FAST PROCESS OF ECO COMPOST PRODUCTION
4. MODERN DEVICES & EQUIPMENT, WHICH ARE DEVELOPED IN TEHNIX, PROVIDE COMPOSTING FROM 8 - 10 WEEKS
5. MBT-Te IS A NEW TECHNOLOGY FOR INDUSTRIAL RECYCLING OF MIXED MUNICIPAL WASTE AND COMPOST
6. INDUSTRIAL COMPOSTING IS A GREAT IMPROVEMENT FOR A DEVELOPMENT OF A CIRCULAR ECONOMY & SUSTAINABLE DEVELOPMENT
7. ORGANIC WASTE PROCESSED UNDER CONTROLLED BIO-AEROBIC CONDITIONS IS HIGH QUALITY FERTILIZER
8. WE MUST NOT DISPOSE ORGANIC WASTE AT LANDFILLS DUE POLLUTION OF WATER, AIR & CREATING EMISSIONS
9. QUALITY COMPOST WHICH IS PRODUCED IN INDUSTRIAL PLANTS IS ECONOMICAL AND ENERGY RESOURCE
10. LOW COSTS OF COMPOSTING, SPEED & QUALITY OF COMPOST PROVIDE SUSTAINABLE DEVELOPMENT OF THE PLANET

**WE DESIGN, MANUFACTURE, INSTALL FACTORIES FOR PRODUCTION OF ECO COMPOST
THE COMPANY TEHNIX IS YOUR PARTNER FOR INDUSTRIAL COMPOSTING**

Raw material
(limestone, sand, marl;
alternative fuels)

ALTERNATIVE FUELS:
RDF fuel from waste
Used car tires
Industrial waste
Medical waste

MAIN FUELS:
CARBON
PETROLEUM
GAS
OILS

Calciner
Gas: 1200 °C
Raw material: 900 °C

RDF = 70 %

Main burner
flame : 2000 °C
clinker: 1450 °C > 15'

SRF = 20 %

Clinker



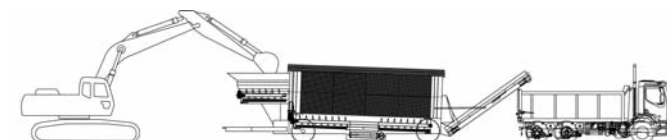
SANATOR OF OLD LANDFILLS



RECOVER OF OLD LANDFILLS

RECOVERY OF OLD LANDFILLS – PLANT FOR WASTE REDUCTION

MOBILE LANDFILL SANATOR TEHNIX – CAPACITY TO 30 t/h



1. ROTATING SIEVE - HARDOX Ø 2400 x 6000 mm
2. WORM CONVEYOR OF SORTED FRACTION 6000 x Ø 500 mm - double
3. RECEPTION HATCH 3 m³ WITH WORM CONVEYOR 2000 x Ø 500 mm
4. COLLECTION CONVEYOR for dosing of sorted fraction on lateral lifting conveyor
5. LATERAL CONVEYOR OF SORTED FRACTION for dosing of sorted fraction in rolo container or special vehicle
6. LIFTING CONVEYOR OF UNSORTED FRACTION for soding of sorted fraction in rolo container or special vehicle

PLANT FOR AUTOMATIC AND ECOLOGICAL WASHING OF MUNICIPAL VEHICLES UNDERCARRIAGES



Type	CAPACITY [vehicles/h]	PUMP FLOW [L/min]	INSTALLED POWER [kW]	Nr. NOZZLES	FACILITY DIMENSIONS [mm]	FOUNDATIONS DIMENSIONS [mm]	SEPARATOR [L]
APV 4/20 m³	up to 20	max 1800	5,5	114	5000 x 3600 x 2150	6000 x 4000 x 200	20000
APV 6/30 m³	up to 30	max 3750	7,5	174	7000 x 3600 x 2150	8000 x 4000 x 200	30000

PRODUCTION – SUPPLY – MAINTENANCE

COMMUNAL WASTE RELOADING STATIONS TEHNIX

ECONOMICAL WAY OF RELOADING, TRANSPORT AND UNLOADING OF COMMUNAL WASTE



Automatic reloading station type Tehnix - from garbage truck to 32 m³ press-containers

WE GIVE YOU THE BEST ADVICES FOR ECONOMICAL AND ECOLOGICAL WASTE MANAGEMENT



Manual reloading station for smaller capacities



Automatic transfer station

TRANSFER STATION OF MIXED MUNICIPAL WASTE



**RELOADING STATION TYPE TEHNIX
WITH MANUAL AND AUTOMATIC CONTROL
CAPACITY OF RELOADING up to 50 tonnes per hour WITH
4 ROLL CONTAINERS TOTAL VOLUME OF 128 m³ (4x32 m³)
TECHNOLOGICAL WORKING CONDITIONS IN ALL WEATHER
CONDITIONS from -40° C to +40° C
INSTALLED DRIVING POWER 20 kW; 120 cycle/hour – MOBILE**

TEHNIX EKOMUNAL SPECIAL SPECIAL MUNICIPAL VEHICLE

FOR COLLECTING, COMPACTING AND UNLOADING OF MUNICIPAL WASTE

VOLUME

14 m³

16 m³

18 m³

20 m³

22 m³



MUNICIPAL WASTE COLLECTING

FROM BINS 80 – 120 – 240 – 1100 L AND AND CONTAINERS 1100 L AND 5-7 m³

THE MOST IMPORTANT 10 REASONS WHY TO BUY SPECIAL VEHICLE EKOMUNAL TEHNIX

1. HIGH QUALITY OF UPGRADE AND VEHICLE FOR WASTE COLLECTING
2. OPTIMAL PRICE AND FAVORABLE CONDITIONS FOR UPGRADE AND VEHICLE PURCHASE
3. SMALL FUEL CONSUMPTION ENGINE EURO 6; MINIMAL EMISSIONS CO₂
4. HIGH WASTE COMPACTION IN VOLUME FOR ACCEPTANCE MINIMAL 1:6
5. VEHICLE UPGRADE IS SIMPLE, PERMANENT FUNCTIONAL CONSTRUCTION UNIT
6. WEARTING POSITIONS ARE MADE FROM HARDOX SPECIAL STEEL
7. INSURED SPARE PARTS AND FAST EKOMUNAL UPGRADE SERVICE
8. EMBEDDED COMPLETE SAFETY SIGNAL AND TECHNOLOGICAL EQUIPMENT
9. AT THE REQUEST OF BUYER WE BUILT IN VOLUME USER IDENTIFICATION SYSTEM
10. WITH VEHICLE AND UPGRADE DELIVERY, WE GIVE COMPLETE DOCUMENTATION

VEHICLES
MERCEDES
MAN
DAF
IVECO



WE DEVELOP SMALLER MUNICIPAL VEHICLES CAPACITY 10 m³

TEHNIX EKOMUNAL STANDARD SPECIAL MUNICIPAL VEHICLE

FOR COLLECTING, COMPACTING AND UNLOADING OF MUNICIPAL WASTE



**MUNICIPAL WASTE COLLECTION FROM
BINS 80 – 120 – 140 L AND CONTAINERS 1100 L**

EKOMUNAL TYPE	EKOMUNAL 14	EKOMUNAL 16	EKOMUNAL 18	EKOMUNAL 20	EKOMUNAL 22
PRESSING CHAMBER [m ³]	14	16	18	20	22
INPUT CHAMBER [m ³]	2	2	2	2	2
* LENGTH [mm]	up to 6555	up to 6955	up to 7355	up to 7755	up to 8155
** WIDTH [mm]	up to 2500	up to 2500	up to 2500	up to 2500	up to 2500
*** HEIGHT [mm]	up to 2200	up to 2200	up to 2200	up to 2200	up to 2200
GROSS VEHICLE WEIGHT [kg]	18 000	18 000	26 000	26 000	26 000
ENGINE POWER [kW]	200	200	235	235	235
NUMBER OF AXLES	2	2	3	3	3

NOTE: Vehicles dimensions adjusting to the needs of users.

*Depending of vehicles model choice / ** from 2300 to 2495 on all EKOMUNAL sizes / *** depending of vehicles model choice

UNDERCARRIAGE: MERCEDES, MAN, IVECO, DAF etc..



WE DEVELOP SMALLER MUNICIPAL VEHICLES CAPACITY 10 m³

EKOMUNAL 5 - 7,5 m³



UPGRADE TYPE	RECEIVING CHAMBER	LENGHT	WIDTH	HEIGHT	NUMBER OF AXELS
EKOMUNAL 5	5 m ³	to 4950 [mm]	to 1750 [mm]	to 2600 [mm]	to 6000 [kg]
EKOMUNAL 7,5	7,5 m ³	to 5900 [mm]	to 2050 [mm]	to 2900 [mm]	to 7490 [kg]

NOTE: Technical characteristics of vehicles can be adjusted to user needs
Technical data in the table are for information only and are subject to change



Collected municipal waste is reloaded from a smaller vehicle into a larger one

EFEKT EKOMUNAL 5 - 7,5 m³



Discharge of container 80 to 1100 liter capacity



Discharge of waste hopper



Production and testing of system



DURABLE

PRESS-CONTAINERS TEHNIX HYDRAULIC AND WORM Machines for waste pressing 5, 7,5 i 10 m³



The right solution for your company, your town or village, hospitals, fuel station, markets, hotels, camping sites, marinas, construction sites, Croatian islands, banks, for all types of industry and shopping malls.



**LESS ENERGY
LESS SPACE**

GREAT SAVINGS

PKH-10. Tehnix 10 m³ press-container - modern unit for waste pressing



Hydraulic press-container with lifting unit



Container locking system



Hydraulic cover lifter



Drive unit of hydraulic
press-container



Press-container pressing plate
Central lubrication system



Drive worm unit for
press-containers



Driving worm, high pressing
efficiency (1:10)

Standard press-container dimension

Type of device	Volume	Press-container dimensions	Installed power	Pressing force
PKH-5 / PKP-5	5 m ³	3780 x 1900 x 1665	4 kW / 5,5kW	up to 320 kN
PKH-7,5 / PKP-7,5	7,5 m ³	4370 x 2115 x 2055	4 kW / 5,5 kW	up to 320 kN
PKH-10 / PKP-10	10 m ³	4770 x 2115 x 2055	4 kW / 5,5 kW	up to 320 kN

AUTOMATIC REGULATION OF THE NUMBER OF THRUST PLATE STROKES

PRESS-CONTAINERS WITH CAPACITY OF 32, 20 and 16 m³

MODELS: 1. Standard, 2. With front wheels and double lifting hook,
3. With a lifting unit, 4. Two-parts rolo 32 m³



ADVANTAGES AND SAVINGS OF PRESS-CONTAINERS USAGE:

Economic advantages

- ▶ decrease of transportation costs for up to 10 times
- ▶ amortization up to 12 months
- ▶ good purchase conditions and long-lasting product life

Ecological and fire-fighting protection

- ▶ controlled waste collection and transport to disposal site
- ▶ smell protection
- ▶ eliminated possibility of rinsing and water contamination

Health protection

- ▶ impossible transmission of contagious diseases
- ▶ impossible access for rodents
- ▶ impossible spreading by wind or people

Technical advantages

- ▶ high quality, long-term use
- ▶ simple handling and manipulation
- ▶ controlled loading and easy discharge
- ▶ dimensions according to DIN standard



Two-parts rolo press-container 32 m³ to 10 tons



20 m³ press-container



Special desing of two-part press-container with lifter



TEHNIX press-containers have high quality, durability and attests according to TÜV EU norms



Loading of press-container

Standard press-container dimension

Type of device	Volume	Rolo container dimensions	Installed power	Pressing force
PKH-14 / PKP-14	14 m ³	5950 x 2035 x 2235	5,5 kW / 7,5 kW	up to 320 kN
PKH-16 / PKP-16	16 m ³	5930 x 2530 x 2525	5,5 kW / 7,5 kW	up to 320 kN
PKH-20 / PKP-20	20 m ³	6680 x 2530 x 2525	5,5 kW / 7,5 kW	up to 320 kN
DPKH-32 / DPKP-32	32 m ³	6430 x 2360 x 2680	5,5 kW / 7,5 kW	up to 350 kN

ENERGY SAVINGS, LOW PRICE, LONG PRODUCT LIFE

ROLO CONTAINERS - Tehnix

MODERN AND SAFE WAY FOR MATERIALS TRANSPORT

Scattered material, material in pieces and liquid bulk with the volume from 14 m³ to 32 m³, according to DIN 30722 standard.



Rolo containers "Tehnix" - type product



Door type, tarpaulin protection and color on a request



Rolo container in INOX version



Rolo container with rotating cover



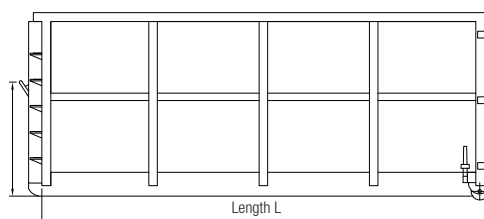
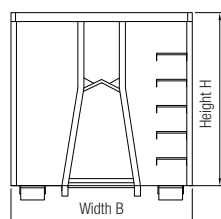
Rolo container type Strabag



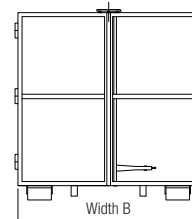
Fast cargo discharge and loading, practical exchange - full for empty



Rolo container with crane opening



Rolo containers have the closing system according to Euro standard



With or without a bar

Interior dimensions of Tehnix rolo container

Type TEHNIX	Length L [m]	Width B [m]	Height H [m]	Volume [m ³]	Weight [kg]
1000-14	6.00	2.45	1.00	14	1850
1000-18	6.00	2.45	1.25	18	2000
1500-21	6.00	2.45	1.50	21	2100
1500-23	6.00	2.45	1.65	23	2250
2000-28	6.00	2.45	2.00	28	2450
2000-30	6.00	2.45	2.15	30	2600
2000-32	6.00	2.45	2.30	32	2650

In developed European countries 70% of scattered cargo is transported by rolo containers. Their application is especially frequent in civil engineering, for scattered cargo transport. They are used as reception storage locations in recycling yards. They reduce the costs of goods transport. One cargo truck can serve 10 or even more containers. Rolo containers are also suitable for renting. They are safe and practical in transport! They are cheap in exploitation. Have long service life.

ROLO CONTAINERS for light cargo - sheet metal for sides is 3 mm thick, floor 4 mm

ROLO CONTAINERS for heavy cargo - sheet metal for sides is 4 mm thick, floor 5 mm

UPON A CLIENT'S REQUEST, WE PRODUCE SPECIAL VERSIONS

KO-tainers

DEVICES FOR COLLECTION, COOLING AND STORAGE OF SLAUGHTER HOUSE AND FOOD WASTE



KO-tainer with volume of 1.5 m³ and 3 m³

Type	Volume	Power	Dimensions (LxWxH)
1	1.5 m³	0.42 kW	1400 x 950 x 1500
2	3 m³	0.63 kW	1400 x 1700 x 1500
3	5 m³	0.80 kW	2400 x 1200 x 1800
4	10 m³	1.10 kW	2400 x 2200 x 1800
5	16 m³	1.52 kW	3000 x 2438 x 2591
6	32 m³	2.56 kW	6000 x 2438 x 2591
MOBILE rolo KO-tainer		20 m³	6200 x 2500 x 2300



KO-tainer with volume of 16 m³ and 32 m³

ADVANTAGES OF STORAGE IN KO-tainer:

1. Constant cold air stream ensures uniform cooling and moisture removal from the waste inside the KO-tainer.
2. Constant storage temperature from +4 to +8 °C with the regulation possibility according to the user's needs.
3. Ensured easy manipulation inside the KO-tainer.
4. Storage area is equipped according to the user's needs.
5. Protection against stench, spreading, contagious diseases and rotting.
6. Automatic device's operation all year round.
7. Possibility of remote control via SMS.
8. Minimal power consumption for given storage conditions.
9. High quality materials and attractive design.
10. In compliance with legal regulations.

EQUIPMENT FOR COLLECTION AND TRANSPORT OF SLAUGHTER HOUSE RESIDUES WE BUILD FACILITIES FOR ANIMAL WASTE BREAKDOWN



REFRIGERATOR – ROLO CONTAINER



POWER PLANT FOR INCINERATION

ENERGY FROM INCINERATED CONFISCATE

VERTICAL BALING PRESSES

RECYCLING: cardboard, paper, PET packaging, plastic, wooden crates, aluminum and steel packaging, barrels, tin cans, plastic cans, used refrigerators, used stoves, used IT equipment and other

Bonding with PVC band



Baling press - vertical/pressure 10, 15 and 20 t



Baling press VPB - 10

DOUBLE-CHAMBER BALING PRESS - COMPACTOR



Double-chamber baling press
DVPB - 15



Double-chamber baling press with a
transporter



Pet packaging recycling line

APPLICATION: In recycling facilities, recycling yards, markets, shopping malls, shops, industrial facilities, ports, hospitals, schools, nursing homes, hotels, restaurants, campsites...

Press type	Power [V/kw]	Pressure [t]	Bale weight [kg]	Bale dimensions [LxWxH, mm]	Outer dimensions [LxWxH, mm]
VPB - 10	220 V / 2,2 kW	10 t	up to 100 kg	600 x 510 x 550	950 x 800 x 2440
VPB - 15	380 V / 3,0 kW	15 t	up to 200 kg	700 x 710 x 650	1100 x 1050 x 2870
VPB - 20	380 V / 4,0 kW	20 t	up to 250 kg	1000 x 710 x 650	1100 x 1250 x 2870
DVPB - 10	220 V / 2,2 kW	10 t	up to 100 kg	600 x 510 x 550	1600 x 880 x 2300
DVPB - 15	380 V / 3,0 kW	15 t	up to 200 kg	700 x 710 x 650	1820 x 1150 x 2500

**We design, manufacture and assemble recycling yards
UPON A REQUEST, WE PRODUCE SPECIAL VERSIONS OF PRESSES**

SEMI-AUTOMATIC HORIZONTAL BALING PRESSES

RECYCLING: cardboard, paper, PET packaging, plastic, wooden crates, aluminum and steel packing material, barrels, tin cans, plastic cans, used refrigerators, used stoves, used IT equipment and other

Bonding with Ø 3 mm wire



Horizontal baling presses HPB-25 and HPB-40 type Tehnix



Balebinding with Ø 3 mm wire



Baled waste cardboard 1x0.7x0.7 m



Horizontal baling press HPB-25

Press type	Power [V/kw]	Pressure [tons]	Bale weight [kg]	Bale dimensions [LxWxH, mm]	Outer dimensions [LxWxH, mm]
HPB - 25 M	380 V / 5.5 kW	25 t	up to 150 kg	850 x 500 x 500	3900 x 1800 x 950
HPB - 25	380 V / 5.5 kW	25 t	up to 250 kg	1000 x 720 x 720	4750 x 980 x 2120
HPB - 40	380 V / 11 kW	40 t	up to 400 kg	1200 x 820 x 820	5120 x 1200 x 2520



Press with a transporter and perforator of PET packaging



Horizontal baling press HPB-25 type - TEHNIX



HPB-25 special version, pressure 10 kg/cm²

UPON A REQUEST, WE PRODUCE SPECIAL VERSIONS OF PRESSES

AUTOMATIC BALING PRESS

TEHNIX APB 50 and APB 100 tons

Baling of paper, cardboard, PET and MET packaging, and utility waste
LESS ENERGY - HIGH EFFICIENCY - PERMANENT FUNCTION



Automatic baling press with additional equipment and control panel



Facility for baling of cardboard waste

Press runs automatically with supervision of servant. / Pressing of one bale takes from 5 to 10 minutes. / Energy consumption is less than 5 kW per tonne of baled waste. / Prefabricated elements of pressing chamber and floor enables simple replacement. / Input hatch is adjusted to the dosing conveyor. / Possibility of installation of automatic PET perforator. / Touch - screen for facilitated management. / Recording of all working press parameters. / Possibility of installation of weighing system for facilitated monitoring of profit. / Warranty of press with conveyor is 12 months. / Assured service and spare parts. / Good conditions of supply and long life.

PRESS TYPE	APB-T 30	APB-T 60	APB-T 90
PRESSURE	300 kN	600 kN	900 kN
BALLING MATERIAL	PET, MET, foil, papercardboard, aluminum, RDF	PET, MET, foil, papercardboard, aluminum, RDF	PET, MET, foil, papercardboard, aluminum, RDF
POWER	11 kW /380 V	22 kW /380 V	37 + 4 kW /380 V
CAPACITY	up to 3 t/h	up to 6 t/h	up to 10 t/h
PRESSURE IN HYDRAULIC SYSTEM	up to 200 bar	up to 200 bar	up to 200 bar
BALE WEIGHT	up to 300 kg	up to 650 kg	up to 1000 kg
CYCLE TIME	30 sec (2 cycles per minute)	30 sec (2 cycles per minute)	30 sec (2 cycles per minute)
NUMBER OF WIRES FOR BINDING WIRE THICKNESS	2 3,2 mm	4 3,2 mm	6 3,2 mm
BINDING MODE	automatic	automatic	automatic
BALE DIMENSIONS LxWxH	1200 - 2400 x 800 x 600 mm adjustable bale length	1200 - 2400 x 900 x 800 mm adjustable bale length	1200 - 2400 x 1000 x 1200 mm adjustable bale length
PRESS DIMENSIONS LxWxH	7200 x 1900 (4000) x 2850 mm	7200 x 2000 (4100) x 3900 mm	7950 x 2100 (4400) x 4350mm
PRESS WEIGHT	8 t (depending on the equipment)	10,5 t (depending on the equipment)	15 t (depending on the equipment)
CARRYING LAYERS	steel Hardox HD 400	steel Hardox HD 400	steel Hardox HD 400
CHARGING	ribbed conveyor belt	ribbed conveyor belt	ribbed conveyor belt
CONVEYOR DIMENSIONS	6000 x 1200 / 100 mm - above-ground 8000 x 1200 / 100 mm - underground	6000 x 1200 / 100 mm - above-ground 8000 x 1200 / 100 mm - underground	6000 x 1200 / 100 mm - above-ground 8000 x 1200 / 100 mm - underground
RECEIVING CHAMBER LxWxH	1200 x 800 x 1950 mm	1200 x 900 x 2800 mm	1400 x 1000 x 2800 mm
CONTROL SYSTEM	PLC Allen Bradley MicroLogix 1400	PLC Allen Bradley MicroLogix 1400	PLC Allen Bradley MicroLogix 1400

AUTOMATIC BALING PRESSES TEHNIX WITH DOSING EQUIPMENT



**TOGETHER WITH YOU WE WILL SELECT THE BEST SOLUTION
FOR RECYCLING AND BALING OF RAW MATERIALS**



PLANTS FOR SHREDDING AND BALING OF PAPER, CARDBOARD, PET PACKAGING AND AUTOMATIC PREPARATION OF RDF FUEL FROM WASTE

RECYCLING YARDS FOR COLLECTING OF SPECIAL MUNICIPAL WASTE FROM CITIZENS AND FACTORIES



MOBILE RECYCLING YARDS FOR RECEPTION OF SPECIAL WASTE FROM CITIZENS AND FACTORIES



**CLOSED SYSTEM OF
COLLECTION AND
TEMPORARY
WASTE STORAGE**

COLLECTION OF SPECIAL TYPE OF WASTE

- packaging of paints, varnishes and pesticides
- old medicines and batteries
- detergents and chemicals
- accumulators and electronic waste
- waste motor and edible oils



**PRODUCTION OF MOBILE RECYCLING YARDS WITH EQUIPMENT ACCORDING TO THE
ORDINANCE ON WASTE MANAGEMENT OF REPUBLIC OF CROATIA**

SPECIAL VEHICLE WITH UPGRADE TYPE TEHNIX FOR TRANSPORT OF COMMUNAL CONTAINER



COMMUNAL CONTAINERS 5, 7 AND 10 m³ For collection of utility waste, paper, plastics, metals and other



Utility waste container 5 m³, open version



Utility waste container 5 m³, closed version



Paper container 5 m³, 7 m³ or 10 m³

Utility waste containers are produced according to DIN standards and are adopted for stacking up to three containers, what significantly reduces transport costs! They have rigid construction and long service life.

Basic dimension of utility waste containers

Type of container	Length L [m]	Width B [m]	Floor width P [m]	Height H [m]	Eye height [m]
5 m3	3.31	1.60	1.50	1.25	1.00
7 m3	3.47	1.60	1.50	1.50	1.00
10 m3	4.10	1.85	1.70	1.75	1.00

The basic construction of utility waste containers is made of 3 mm thick steel plates and it becomes rigid by the use of 4 and 5 mm thick steel plates. All rigid parts are welded along, which eliminates possibility of inner corrosion! Covers are suspended on springs and may be closed with stainless steel butterfly screw! Surface protection is made by ground and cover paint, while inner surfaces are protected by paint resistant to salt, acids and alkali!

UPON A REQUEST, WE PRODUCE SPECIAL VERSIONS



Flow SEPARATORS from 1.6 - 40 l/sec

For separation of oil and grease, sand, gravel and ashes from precipitation or processing oily water

Separators are produced according to EN 858-1 with integrated sedimentation trap and coalescent replaceable cartridge.

Quality of purified water at the separator exit is less than 5 milligrams per liter.

Installation: In the ground, in a pit excavated at the depth of $h+20$ cm, with projection dimensions $L \times B$, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber input-output O-rings. It is necessary to fill in the separator with clean water up to the output level. Check the tightness of connections. Sliding separator neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.

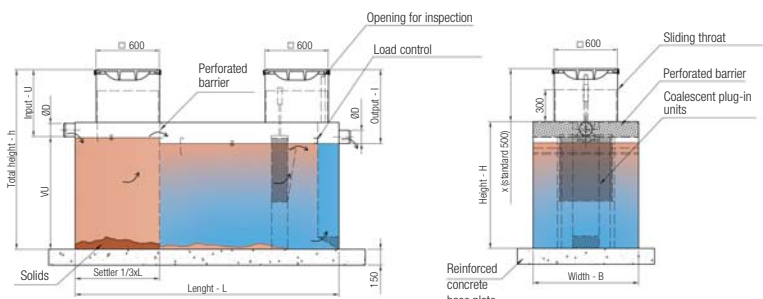
Maintenance: Conclude a contract with an authorized collector of waste oils and grease. When necessary, oils and grease should be discharged from the separator and disposed according to the Hazardous Waste Act.

For greater capacities, we design separators with By-pass system or with special constructions.

TEHNIX SEPARATORS ARE TYPE CERTIFIED FOR INSTALLATION IN CROATIA AND EUROPE



Coalescent cartridges



ATTEST - INSTALLATION - MAINTENANCE



Load capacity:
50 kN, 150 kN,
250 kN, 400 kN



Assembly slide throat for separators
Height adjustable: $h=250$ mm
Lid accepts load from the road

STANDARD DIMENSIONS OF SMALL SEPARATORS

Separator type Volume [l]	Length L [mm]	Width B [mm]	Height H [mm]	Total height h [mm]	Input U [mm]	Output I [mm]	VU [mm]	Pipes ØD [mm]	Flow Q [l/s]
800 l	1500	750	800	1300	620	675	680	Ø 110	1.6
1200 l	1500	850	1000	1500	620	675	880	Ø 110	2.2
2000 l	2000	1000	1100	1600	620	675	980	Ø 110	3.0
2500 l	2500	1000	1200	1700	635	700	1065	Ø 125	6.0
3500 l	2750	1100	1200	1950	920	1000	1030	Ø 160	10.0
5000 l	3000	1250	1300	2050	950	1050	1100	Ø 200	20.0
6000 l	3500	1300	1350	2100	1000	1125	1100	Ø 250	30.0
10000 l	4500	1500	1500	2250	1000	1125	1250	Ø 250	40.0

WE GIVE SUPPORT FOR INSTALLATION AND MAINTENANCE

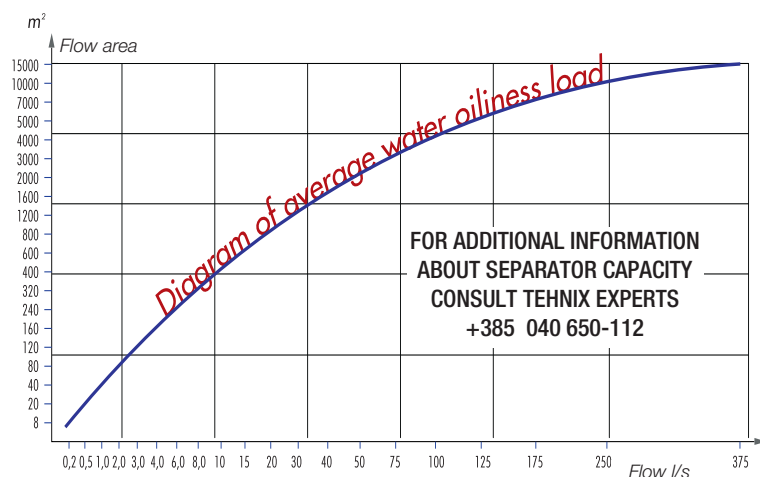
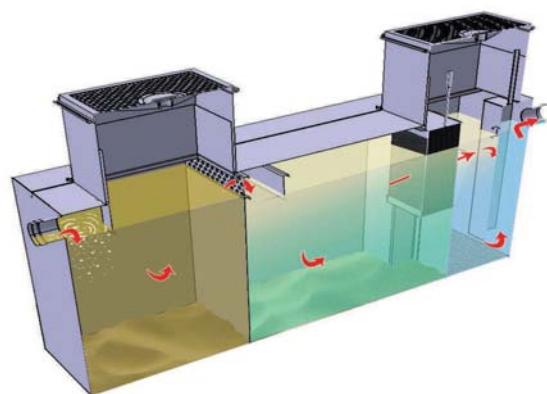


Diagram for determination of separator flow rate



THE BEST PRODUCT FOR PURIFICATION AND DRAINING OF PRECIPITATION WATER

Flow SEPARATORS from 60 - 250 l/sec

For separation oils and grease, sludge, sand, gravel and ashes from precipitation and processed oily water



Separators are produced according to EN 858-1 with integrated sedimentation trap and coalescent replaceable cartridge.

Quality of purified water at the separator exit is less than 5 milligrams per liter.

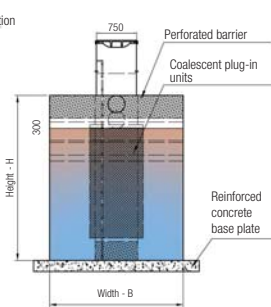
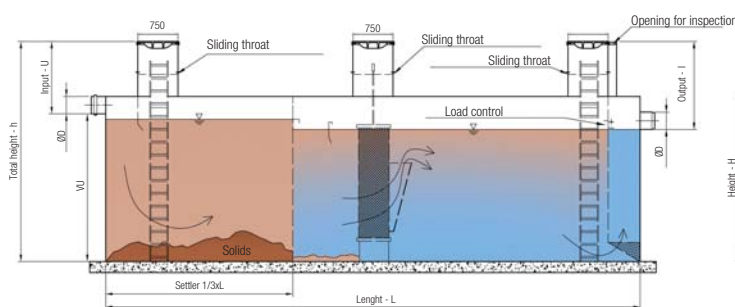
Installation: In the ground, in a pit excavated at the depth of $h+20$ cm, with projection dimensions $L \times B$, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber input-output O-rings. It is necessary to fill in the separator with clean water up to the output level. Check the tightness of connections. Sliding separator neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.

Maintenance: Conclude a contract with an authorized collector of waste oils and grease. When necessary, oils and grease should be discharged from the separator and disposed according to the Hazardous Waste Act.

For greater capacities, we design separators with By-pass system or with special constructions.

TEHNIX SEPARATORS ARE TYPE CERTIFIED FOR INSTALLATION IN CROATIA AND EUROPE

SUSTAINABLE DEVELOPMENT - PROTECTION OF WATER



Load capacity: 50 kN, 150 kN, 250 kN, 400 kN



Separator input pipe

STANDARD DIMENSIONS OF THE LARGE SIZE SEPARATORS

Separator type Volume [l]	Length L [mm]	Width B [mm]	Height H [mm]	Total height h [mm]	Input U [mm]	Output I [mm]	VU [mm]	Pipes ØD [mm]	Flow Q [l/s]
15 000	6000	1500	1500	2500	1325	1485	1175	Ø 315	60
20 000	6000	2000	2000	3000	1325	1485	1675	Ø 315	80
25 000	6000	2250	2000	3000	1410	1610	1590	Ø 400	100
30 000	7000	2250	2000	3000	1510	1760	1490	Ø 500	125
35 000	8000	2250	2250	3250	1250	1500	2000	Ø 500	150
40 000	9000	2500	2500	3500	1300	1600	2200	Ø 600	200
50 000	10 000	2500	3000	4000	1300	1600	2700	Ø 600	250

TEHNIX INSTALLATION PROJECT



Unloading and installation of Tehnix separator



An example of a separator installation

REMARK: Depth of the input pipe U is determined by the customer and modified depending on the value X. Then the depth of the leveled base h is also adjusted according to the corresponding value. Cast covers of TEHNIX type are installed as a standard for separator with the load capacity of 50, 150, 250 and 400 kN. **Construction:** The basic material is steel 0361, protected by a special coating; connecting pipes (input-output) are made from stainless steel. The complete system is tested and approved: No 32/2006-129. For other questions please contact the manufacturer of SEPARATORS.

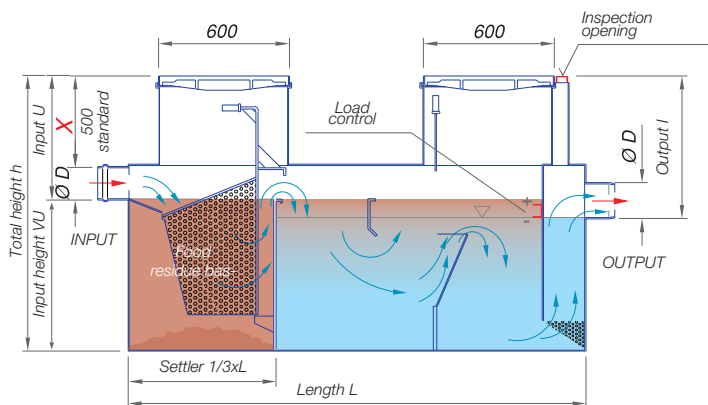
THE BEST PRODUCT FOR PURIFICATION AND DRAINING OF PRECIPITATION WATER



GREASE-TRAPS - SPECIAL CONSTRUCTION

Flow from 1 to 10 l/s, attest number 32/2006-131

Intended for kitchens, hotels, restaurants



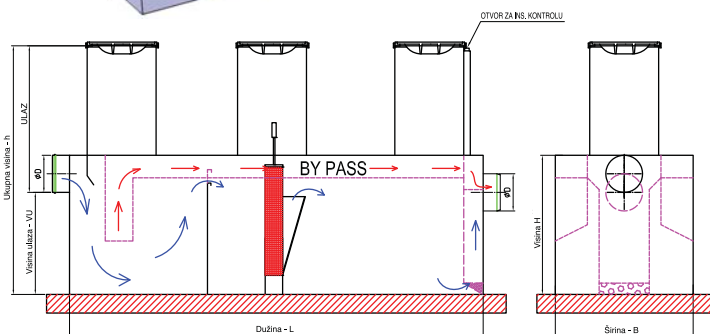
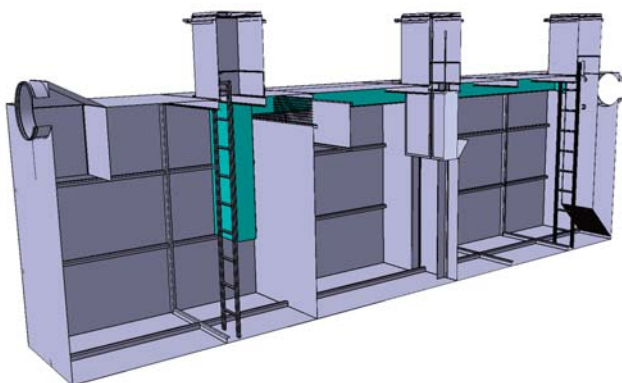
Installation of the grease-trap

Installation: In the ground, in a pit excavated at the depth of $h+20$ cm, with projection dimensions $L \times B$, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber input-output O-rings. It is necessary to fill in the grease-trap with clean water up to the output level. Check the tightness of connections. Sliding grease-trap neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.

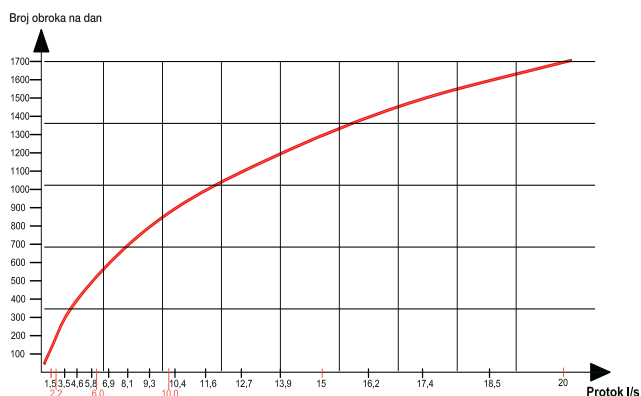
Separator type Volume [l]	Length L [mm]	Width B [mm]	Height H [mm]	Total height h [mm]	Input U [mm]	Output I [mm]	VU [mm]	Pipes ØD [mm]	Flow Q [l/s]
800 l	1500	750	800	1300	620	675	680	Ø 110	1.5
1200 l	1500	850	1000	1500	620	675	880	Ø 110	2.2
2000 l	2000	1000	1100	1600	620	700	980	Ø 110	3.0
2500 l	2500	1000	1200	1700	670	750	1070	Ø 125	6.0
3500 l	2750	1100	1200	1950	920	990	1030	Ø 160	10.0
5000 l	3000	1250	1300	2050	950	1050	1100	Ø 200	20.0

SEPARATORS WITH BY-PASS

Flow from 3+12 l/s to 250+1000 l/s



Schematic overview of the function



Graphic outline for determination of grease-trap size

DESING – PRODUCTION – INSTALLATION

SPECIAL SEPARATORS

INTENDED FOR PROTECTED WATER AREAS



For separation oils and grease, sediment, sand, gravel and ashes from precipitation and processed oily water

DOUBLE WALLED SEPARATORS WITH A CONTROL SYSTEM AND LOAD ALARM

Separators are manufactured according to EN 858-1 with integrated sedimentation device, tank construction according to EN 12285.

Installation: In specially protected water areas according to the national and regional plans for water protection against accidental pollution prevention of springs, pumping sites and underground and surface water used for water-supply and irrigation.

Installation mode: In the ground, in a pit excavated at the depth of $h+20$ cm, with projection dimensions $L \times B$, onto prepared, leveled and pressed gravel, PP foil is placed with allowed deviation to 2 cm. After placing the separator, PVC tubes are connected to rubber input-output O-rings. It is necessary to fill in the separator with clean water up to the output level. Check the tightness of connections. Sliding separator neck with a cover should be adapted to necessary height and fill-up with dirt. Manholes and cover installed in the pavement should be reinforced, fill with concrete, cover with asphalt and level.

Maintenance: Conclude a contract with an authorized collector of waste oils and grease. When necessary, oils and grease should be discharged from the separator and disposed according to the Hazardous Waste Act.

For greater capacities, we design separators with By-pass system or with special constructions.

TEHNIX SEPARATORS ARE TYPE CERTIFIED FOR INSTALLATION IN CROATIA



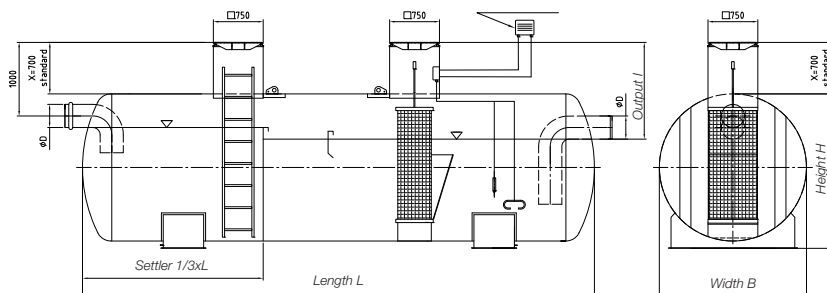
Equipment for the control and alarming in case of separator's overload



Installation of the special separator



Assembly of special separator type TEHNIX



STOPPERS type TEHNIX

ONE-SPINDLE AND TWO-SPINDLE



On-site lifting of special separator with lifter



Overview of installed stoppers on-site

Material: St 37-2

The whole system is hot galvanized

Application: They are installed at overflow dams and regulation drains.

Drive: motor or manual

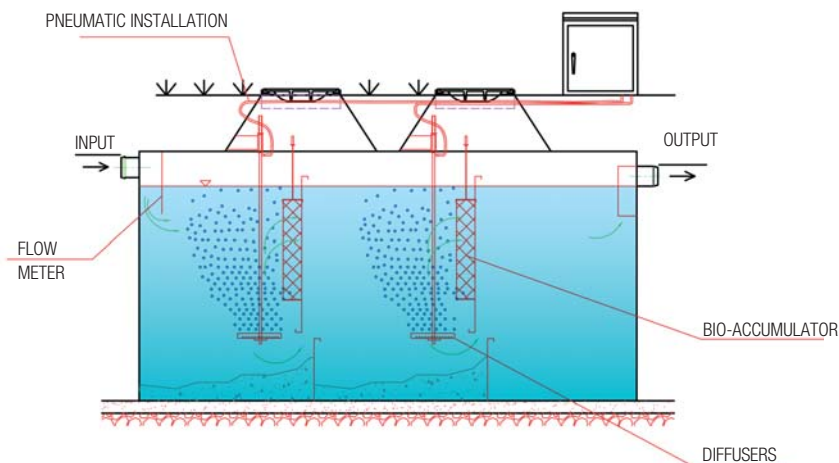
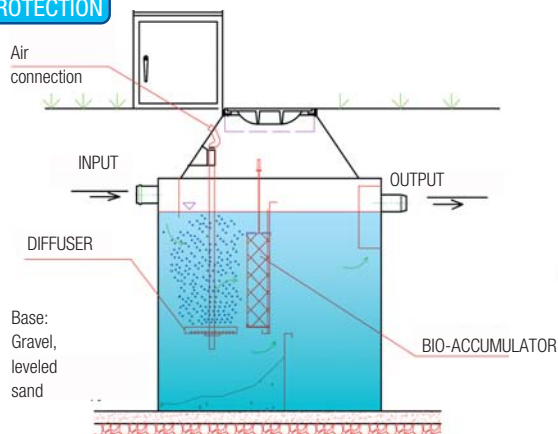
If necessary, a landing for easier access is constructed next to the stopper.

PROJEKTIRAMO SPECIJALNE SUSTAVE ODVODNJE MI TO ZNAMO NAJBOLJE



BIO CESSPIT Tehnix

The right solution for lower number of residents, for your house or apartments



INSTALLATION METHOD: dig a pit, fill up the bottom with gravel, press it manually or with a machine, level and install BIO CESSPIT. After installation, connect pipes and fill BIO CESSPIT with water.

Air blower

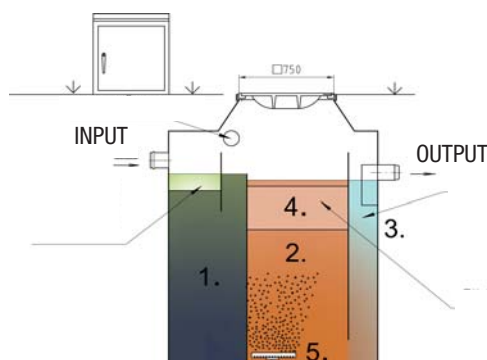


150 lit/min

EUROVIX

BIOTECHNOLOGIES FOR LIFE

*ENVIRONMENTAL
PROTECTION SERIES*



BIO CESSPITS TEHNIX - We install cast iron covers with the load capacity of 50, 150, 250 and 400 kN

Standard bio cesspit dimensions

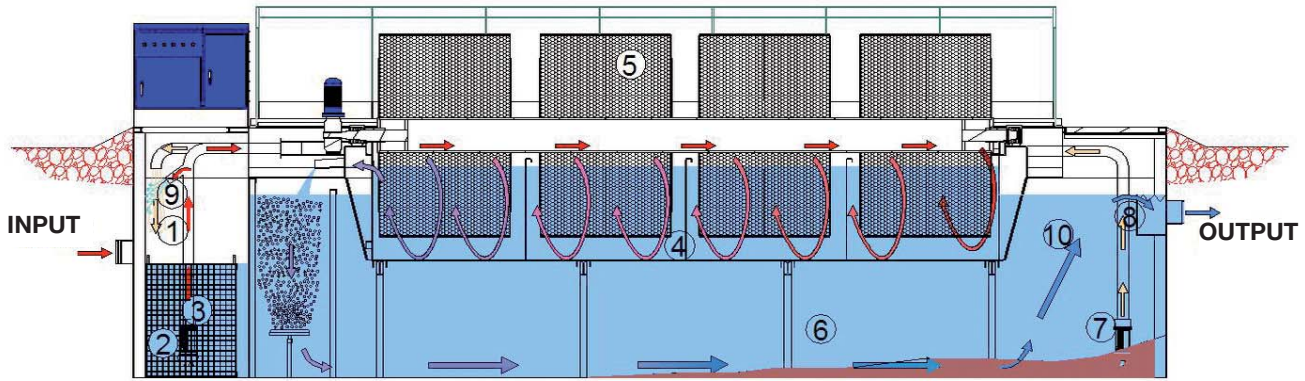
Device type	No. of persons per day	Daily flow [lit/day]	Organic load [g BPKs/day]	Cesspit dimensions [L x W x H]	Connecting pipes [mm]
BJT-5	up to 5	500	300	1500 x 1500 x 2000	Ø 110
BJT-10	5 - 10	1000	600	3000 x 1500 x 2000	Ø 125
BJT-20	10 - 20	2000	1200	3000 x 2000 x 2500	Ø 160
BJT-30	20 - 30	3000	1800	4000 x 2000 x 2500	Ø 160
BJT-50	30 - 50	5000	2500	6000 x 2500 x 3000	Ø 200

Upon the client's request, bio cesspit can be completely made of stainless steel! Attest - BJT 5 (2977/2006), BJT 10 (2978/2006), BJT 20 (2979/2006), BJT 30 (2980/2006), BJT 50 (2981/2006)

ZNAMO RIJEŠITI VAŠ PROBLEM PROČIŠĆAVANJA VODA

BIOROTORS TEHNIX

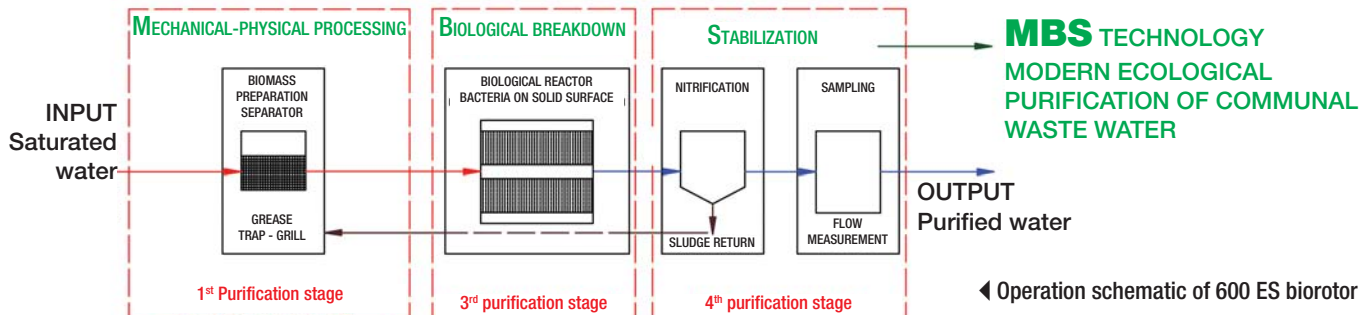
Modern, compact and portable devices for biological aerobic waste water treatment
Over 1,500 devices installed still in operation



DESCRIPTION OF TECHNOLOGICAL PROCESSES OF AEROBIC BIOLOGICAL WASTE WATER TREATMENT

1. Intake chamber with a grill for loading of solid mater, rags, wood and other
2. Sand trap for collection of sand, gravel, ashes and other
3. Pre-pump lifting station with installed double sludge pumps type Tehnix
4. Primary pool bio-mass dosing device of a rotating polypropylene rotor
5. Rotor filled with polypropylene flow honeycomb blocks for biomass maintaining
6. Secondary sedimentation pool of aerobic biological purified waste water
7. Pre-pump system for occasional return of active sludge for nitrification purposes
8. Separation grill installed before water exit from BIOROTOR with MATAALA filter
9. Recirculation and balancing valve of circular process of aerobic water processing
10. Output chamber for collection of waste water samples and access for extraction of collected sludge

Device type	Number of persons (daily)	Daily flow (m ³ /day)	Organic load (kg BPK ₅ /day)	Device dimensions (AxBxH m)	Base plate (axbxh m)	Connecting pipes (Ø)	Installed power (kW)
BRT-100	100	10	6	6,0 x 2,25 x 2,25	7,0 x 2,25 x 0,2	160	3,5
BRT-200	200	20	12	7,0 x 2,25 x 2,25	8,0 x 2,25 x 0,2	200	4,5
BRT-300	300	30	18	8,0 x 2,25 x 2,25	9,0 x 2,25 x 0,2	200	4,5
BRT-400	400	40	24	10,0 x 2,25 x 2,25	11,0 x 2,25 x 0,2	200	4,5



DESCRIPTION OF BIOROTOR FUNCTIONS

- Electric motor EM1 rotates biorotor's rotor and works continuously
- Pumps PMP1 is work pump which is started with level switch (buoy) when there is water flow in collection chamber
- Pump PMP2 is a spare pump which is also started by level switch (buoy) when water flow in the collection chamber is higher than pumping capacity of the work pump or when the work pump is out of order
- Pump PMP3 is used for return of active sludge from secondary settler in the collection chamber and it works in specified time intervals
- Air blower operates in previously specified time intervals and serves for water enrichment with oxygen and removing ammonium from water

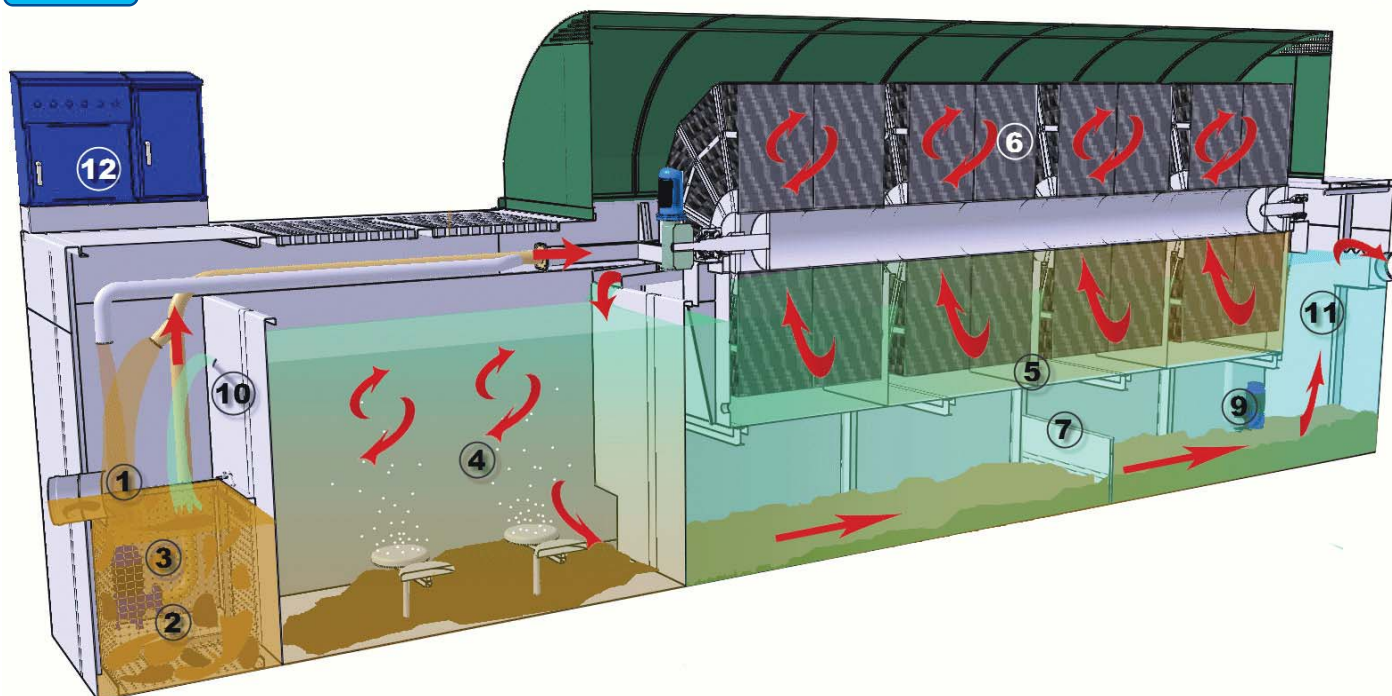
WE HAVE A SOLUTION FOR YOUR PROBLEM OF WATER PURIFICATION



FUNCTIONAL AND ECONOMICAL SOLUTION

BIOROTORS - of mid capacities

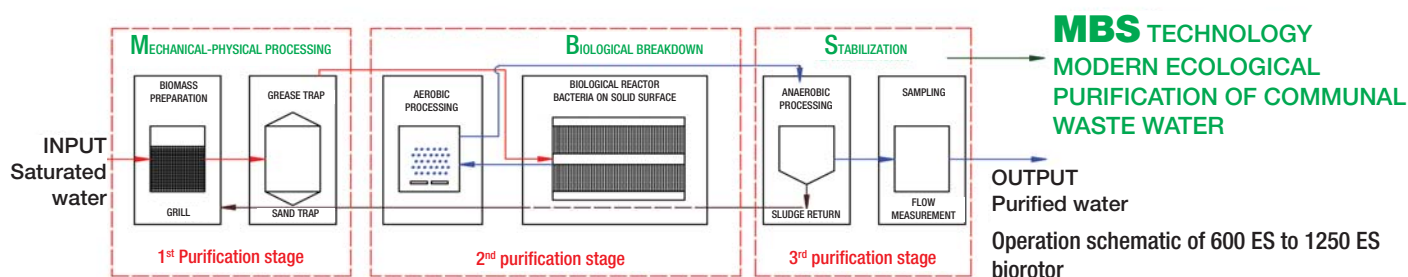
Modern devices for biological aerobic waste water treatment



TECHNOLOGICAL WASTE WATER PROCESSES IN BIOROTOR

1. Intake chamber with a grill for loading of solid mater, rags, wood and other
2. Sand trap for collection of sand, gravel, ashes and other
3. Pre-pump lifting station with installed double sludge pumps type Tehnix
4. Aeration pool with diffusers - water enrichment with oxygen and ammonium extraction
5. Primary pool bio-mass dosing device of a rotating polypropylene rotor
6. Rotor filled with polypropylene flow honeycomb blocks for biomass maintaining
7. Secondary sedimentation pool of aerobic biological purified waste water
8. Pre-pump system for occasional return of active sludge for nitrification purposes
9. Separation grill installed before water exit from BIOROTOR with MATAALA filter
10. Recirculation and balancing valve of circular process of aerobic water processing
11. Chamber for collection of waste water samples and access for extraction of collected sludge
12. Electric control cabinet with automatic system for air suction

Device type	ES (daily)	Daily flow (m ³ /day)	Organic load (kg BPK ₅ /day)	Device dimensions (AxBxH m)	Base plate (axb x h m)	Connecting pipes (Ø)	Installed power (kW)
BRT-600	600	60	36	10,0 x 2,5 x 2,5	11,0 x 3,0 x 0,2	250	6
BRT-800	800	80	48	11,0 x 2,5 x 2,5	12,0 x 3,0 x 0,2	250	7
BRT-1000	1000	100	60	12,0 x 2,5 x 2,5	13,0 x 3,0 x 0,2	315	7,5
BRT-1250	1250	125	75	13,5 x 2,5 x 2,5	14,5 x 3,0 x 0,2	400	8,5



Rotor of biological section of device

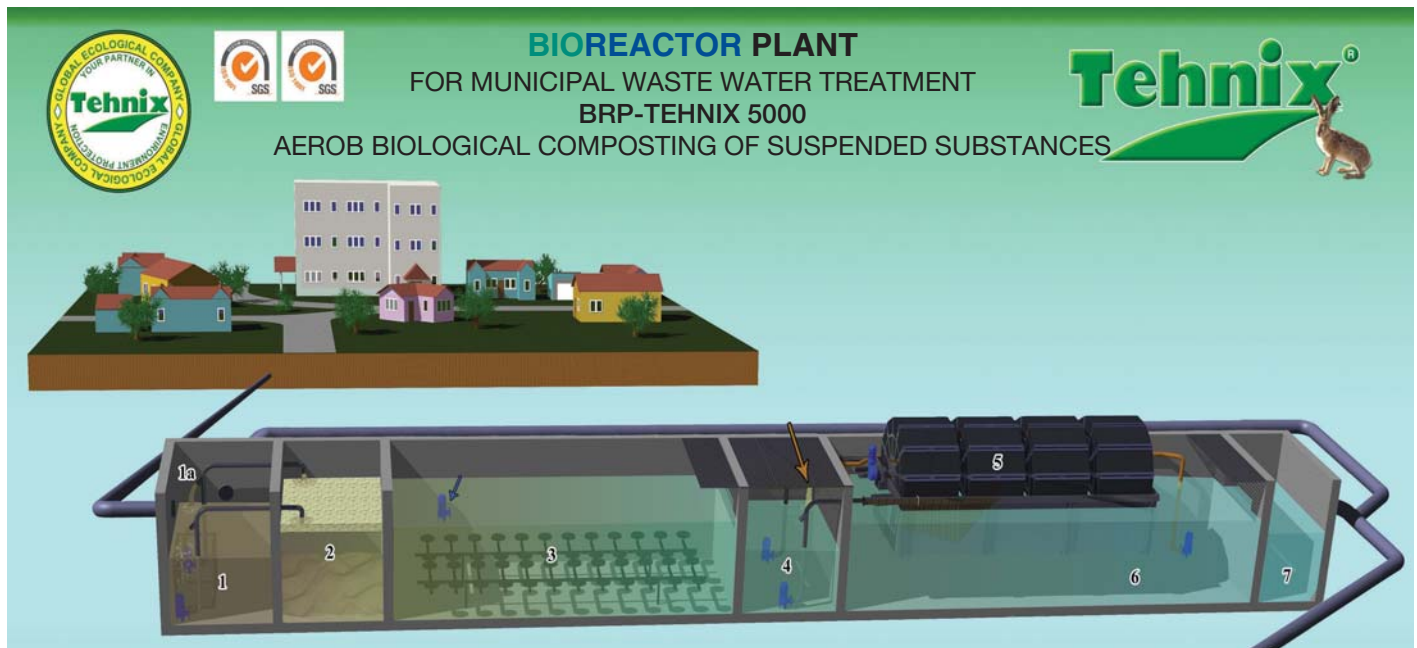


Montage of BRT-1500 in Sri Lanka

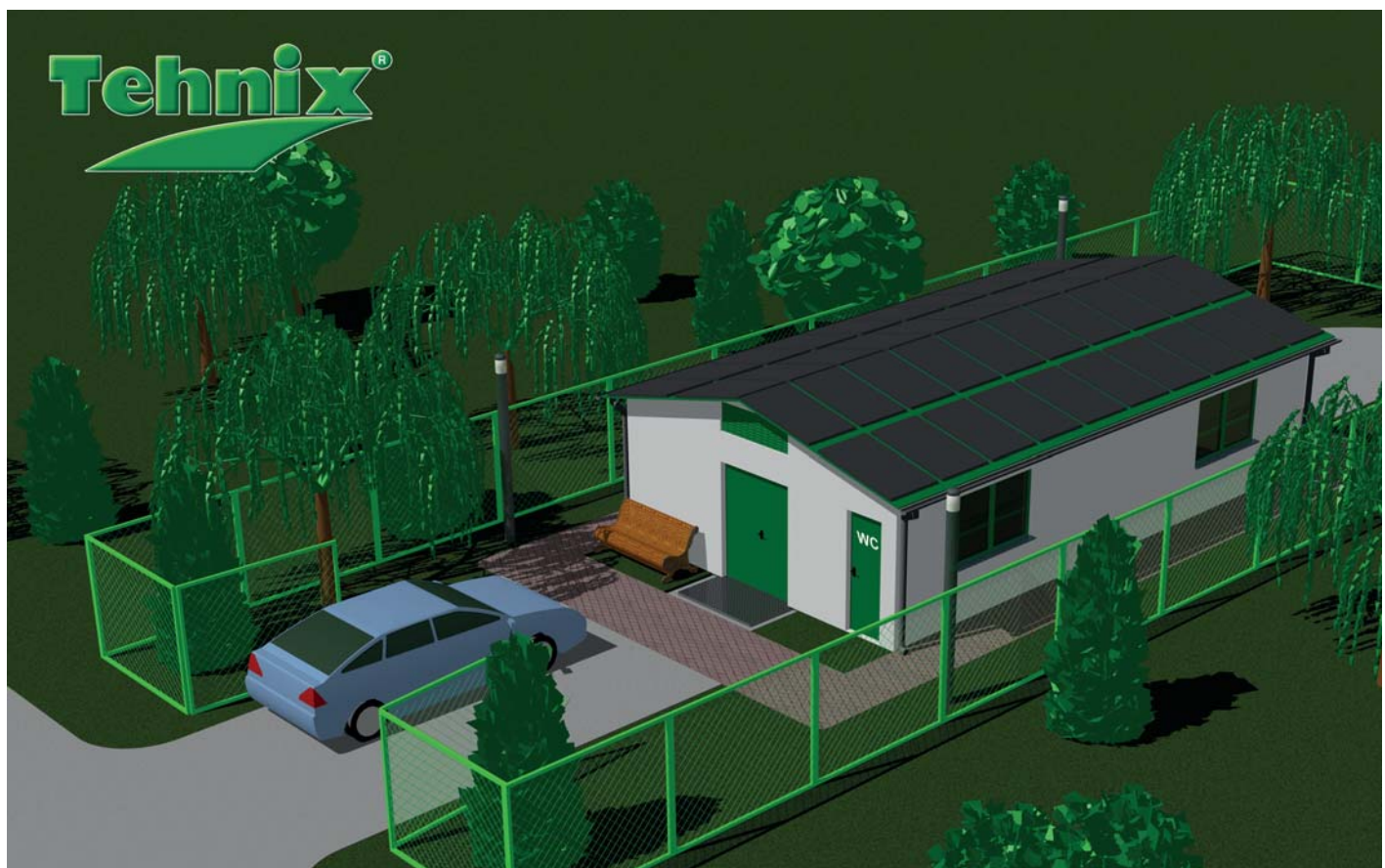


Biorotor Tehnix built in near apartment complex

MODERN DEVICES FOR TREATMENT OF MUNICIPAL SANITARY WATER FOR SMALLER RESORTS AND HOTELS



**BIOREACTOR PLANT FOR TREATMENT OF MUNICIPAL
WASTE WATER TYPE TEHNIX CAPACITY
200-500 ES; 500 1000 ES; 1000-1500 ES; 1500**





FOR MUNICIPAL WASTE WATER TREATMENT

DIMENSIONS: length 50 m, width 50 m



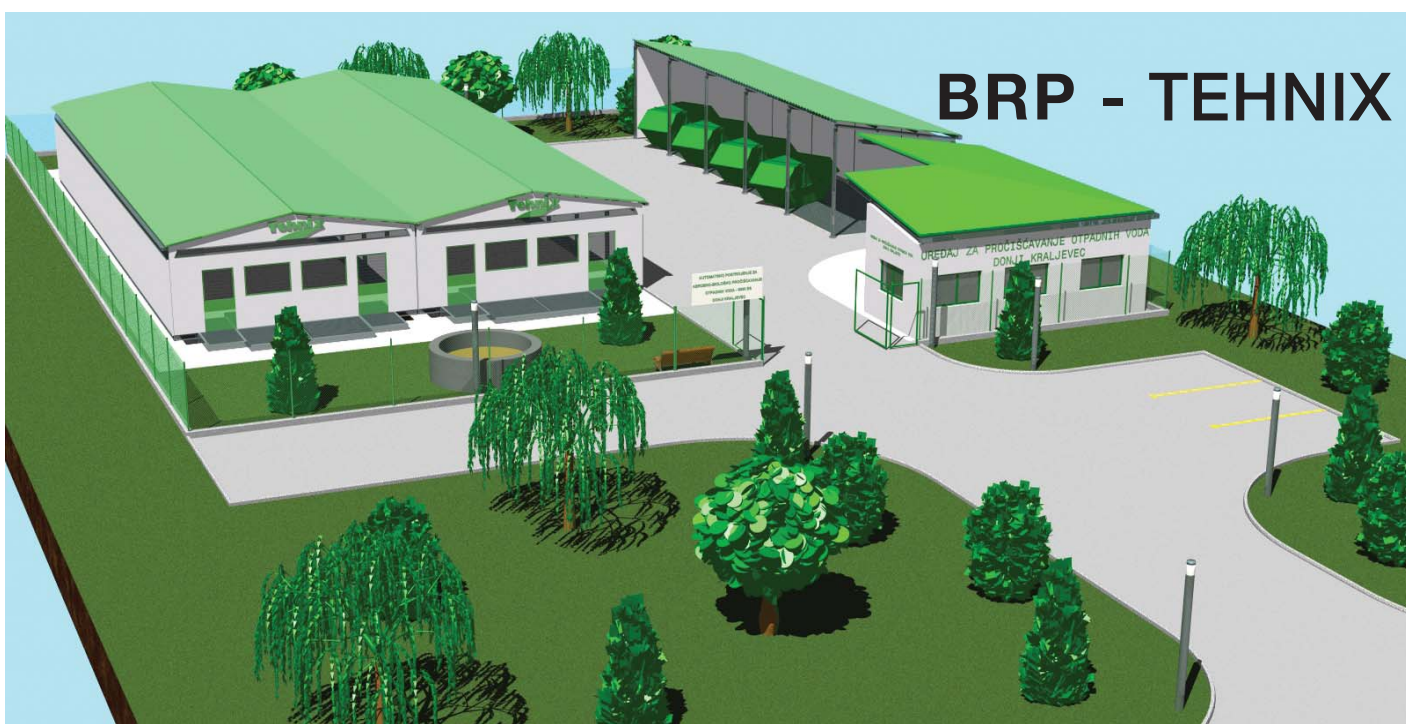
DESCRIPTION OF TECHNOLOGICAL PROCESS

1. RECEPTION WATER CHAMBER WITH PUMPS
2. COARSE REAR GRID FOR RECEPTION AND WASHING OF SOLIDS
3. REAR HYDRAULIC STATION 3 x 4 kW AND BIOMASS PREPARATION
4. GRIT GREASE TRAP CAPACITY 2 + 2 m³
5. POOLS FOR AERATION WITH FILLERS FOR BIOLOGICAL PRE-TREATMENT
6. ROTARY WATER MIXING SYSTEM IN POOLS 2 x 1,1 kW
7. PRIMARY POOLS - DISPENSERS AND WATER RECIRCULATION
8. BIOROTORS (BIOLOGICAL ROTARY WATER TREATMENT)
9. PRIMARY SEDIMENT POOLS (COLLECTORS OF ACTIVATED SLUDGE)
10. SECONDARY SEDIMENT POOLS AND SLUDGE STABILIZATION
11. PREPUMPING SYSTEM FOR RETURN OF ACTIVATED SLUDGE
12. STABILIZATION CHAMBER
13. OUTPUT CHAMBER (OPTION WITH FLOW METER)

Device type	ES (daily)	Daily flow (m ³ /day)	Organic load (kg BPK ₅ /day)	Device dimensions (AxBxH m)	Connecting pipes (Ø)	Installed power (kW)
BRT-1000	1000	100	60	25,0 x 20,0	315	10
BRT-1500	1500	150	100	30,0 x 20,0	315	15
BRT-2000	2000	200	120	35,0 x 25,0	315	20
BRT-2500	2500	250	150	35,0 x 25,0	400	25
BRT-3000	3000	300	180	40,0 x 30,0	400	30
BRT-4000	4000	400	240	40,0 x 30,0	600	40
BRT-5000	5000	500	300	45,0 x 30,0	600	50
BRT-10000	10000	1000	600	50,0 x 50,0	800	80

CHARACTERISTICS OF STANDARD BIOREACTOR PLANTS FOR MUNICIPAL WASTE WATER TREATMENT

1. Have the lowest energy consumption per m³ treated water
2. Most cost-effective facility for the acquisition, operation and maintenance, odor free
3. Efficient and optimal treatment in accordance with the Ordinance on Waste Water
4. Plant with biological decomposition because produce only 30% of sewage sludge
5. The plant processes 100% of faeces and needs the smallest space for construction



STANDARD PLANTS FOR BIOLOGICAL WATER TREATMENT - TEHNIX

MODERN DRAINAGE DISTRIBUTION SYSTEM

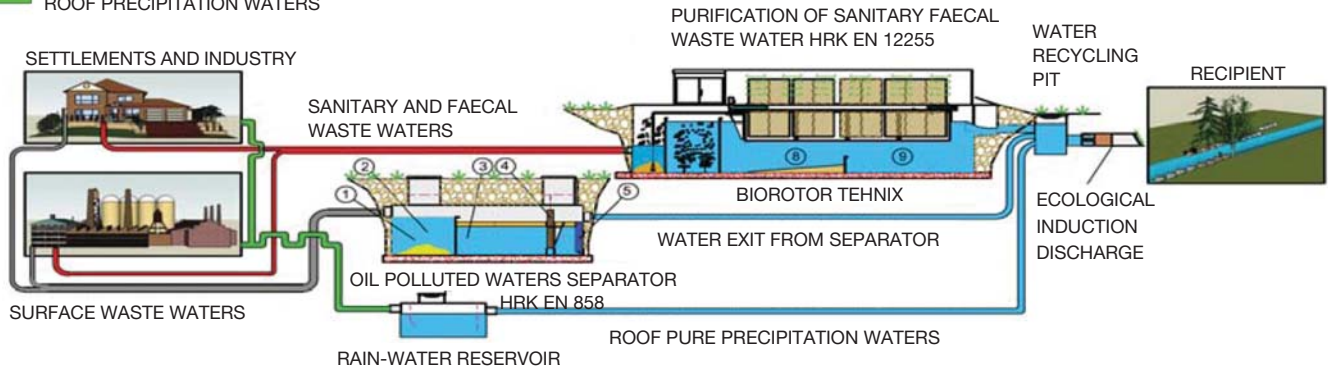
Sanitary faecal, oil polluted surface and roof precipitation waters



LEGEND

- SANITARY AND FAECAL WATERS
- OIL POLLUTED SURFACE WATERS
- ROOF PRECIPITATION WATERS

ECONOMICAL AND FUNCTIONAL WATER PURIFICATION



Company Tehnix has manufactured, installed and started in operation the first biological device for water purification powered by solar energy

Future - Tehnix bi rotor powered by solar energy

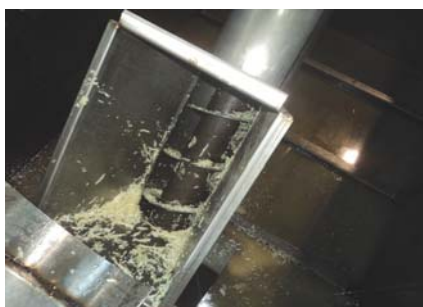


BIOROTORS TEHNIX - THE BEST DEVICES FOR TREATMENT OF COMMUNAL WATER



Inspection of device at German Institute
ENTSORGUNG VERBAND
SAAR

SPECIAL DEVICES AND EQUIPMENT



SCREW SEPARATOR



SLUDGE SEPARATOR FOR BIOREACTORS AND FARMS



MOBILE OIL STATIONS of 1,000 to 2,000 liters



MODERN DEVICES DESIGNED FOR YOUR NEEDS ECONOMY, SAFETY, ENVIRONMENTAL PROTECTION

With a device for oil derivatives draining, flow rate meter and automatic nozzle

Application: Industry - for filling of forklifts and trucks; Agriculture - for tractors and working machines; Utility companies, forestry, marinas, islands, motorway construction, various construction sites. The right solution for blue diesel and other purposes.



S-type Tehnix suction
pressure pump
0.75/380 V



MNP - 2,000 liters



Mobile oil stations - Russia

FUNCTIONAL
DURABLE
ECONOMICAL
STYLISH
SAFE
ECOLOGICAL



MNP - 500 liters

WE PRODUCE MOBILE OIL STATIONS IN STANDARD AND ECO-S VERSIONS

PRODUCT IS PROTECTED BY PATENT No D20000214

It was attested by the Croatian Standards Institute (commission for testing of S-devices), attest No. 01587 of 13.12.2001. All mobile oil stations are provided with complete technical, attesting and testing documentation, user, maintenance and service!

Product warranty is 12 months! Product service life is minimum 20 years.

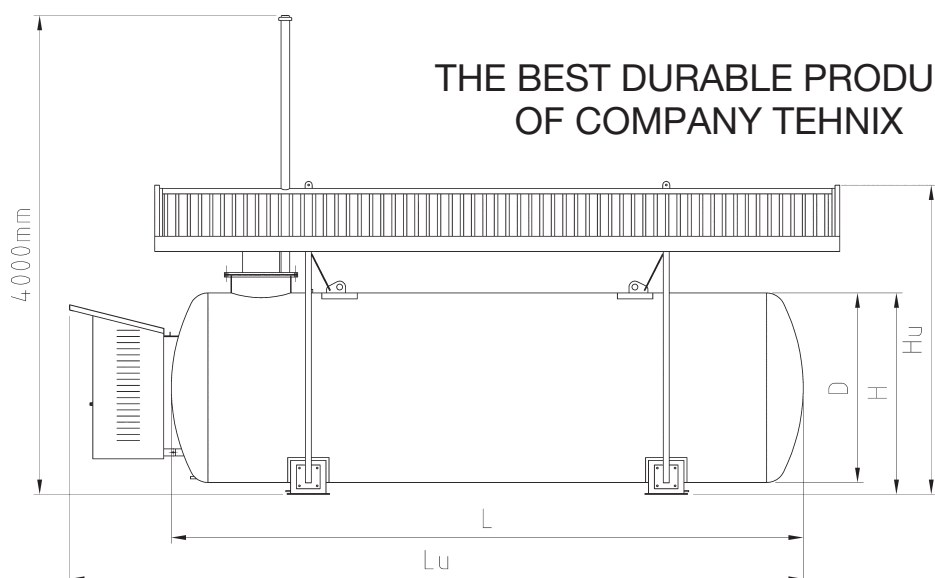
Standard dimensions of mobile oil stations. Drive: 220 V, 12 V, 24 V, compressed air, S-version 380 V

Pump type	Volume	Container dimensions	Weight	Flow
Vertical MNP-1000	1000 l	Ø 1200 x 1100	180	75/100 l/min
Vertical MNP-2000	2000 l	Ø 1500 x 1400	250	75/100 l/min

Attest - MNP 1000 (2985/2006), MNP 1000/2000, 12-24 V (2986/2006), MNP 2000 (2999/2007)

MOBILE OIL STATIONS - BEST CROATIAN PRODUCT IN 2004

MOBILE OIL STATIONS TEHNIX of 5,000 - 25,000 liters WITH A CONTAINER - one and two-walled



MNP - OMV Istrabenz



MNP - OMV Istrabenz

Type	V [m ³]	D [mm]	L [mm]	Lu [mm]	B [mm]	H [mm]	Hu [mm]	Ø [mm]
MNP-5000	5	1600	2820	3840	2170	1700	2600	500
MNP-10000	10	1600	5350	6370	2170	1700	2600	500
MNP-16000	16	1600	8570	9590	2170	1700	2600	500
MNP-20000	20	2000	6960	7980	2410	2100	3100	600
MNP-25000	25	2000	8540	9560	2410	2100	3100	600

Basic equipment

- Container, one or two-walled
- Protection cabinet of draining equipment
- Pump, 220 V of 50 or 80 l/min. capacity
- Automatic pumping pistol
- Rubber hose with the length of 5, 7.5 or 10 m
- Flow meter of single and total drained quantity
- Eco emergency container 50 l

- Assembly for collection, aeration and safety of oil collection and discharge

Aeration system is removable and placed directly on site at the height of 4 m!

Additional equipment

- Roof - removable construction protects the container from direct sunlight and rainfall
- Entire system can be locked.



S-version Tehnix of suction pressure pump 0.75/380 V



Expert opinion of the State Agency for areas threatened by explosive atmosphere, No. 03371 of 22.07.2003. Approved by the National Safety Institute Zagreb, No. 3000/2007. Expert opinion of the Administration for inspection and administrative affairs of the Internal affairs inspection commission no. 511-01-75-13308-1/4-04 of 6 March 2004. All mobile oil stations are provided with a complete technical, attesting and testing documentation, user, maintenance and service manual. Product warranty is 12 months! Minimum product service life is 20 years. The device must be grounded.

MOBILE OIL STATION - ZLATNA KUNA AWARD FOR INNOVATION IN 2004

MOBILE OIL STATIONS WITH AGGREGATES AND IT EQUIPMENT



MNP with computer equipment with the volume of 25,000 liters



Complete consumption recording by magnetic cards



Software is installed according to customer's request



System description

The system consists of two separate parts.

The first part (right picture) consists of a tank, pump and computer, all situated in the corresponding housings. As such, complete system operates completely independently and satisfies all the needs of automated fuel dispense recording. System also records refilling of tank, serves as central database of all customers, and provides statistical information.

The second part, which is optional, consists of a dislocated computer from which all records of fuel charge and discharge can be monitored, master data can be updated, and statistic reports can be listed. So, this component allows you comfortable work from the office to "live" and current data from the oil pump.



PROJECT FOR PRESENT AND FUTURE

TYPE ECOLOGICAL MOBILE STATION KMP 5,000 I - 2 x 20,000 I

FOR STORAGE AND FILLING OF DIESEL AND PETROL FUEL WITH A SLUDGE WATER CONTAINER FOR BOATS, YACHTS, SAILORS AND AGRICULTURE ON ISLANDS AND COASTAL AREA



Container mobile retail fuel station, petrol-diesel with a container for operation and charging



Container mobile system for supply in marinas and elsewhere

FACILITY'S APPLICATION:

1. Safe collection and fuel filling for customer's needs at the location
2. Takeover, collection and discharging of sludge or waste waters
3. Sales of oil, filters, spare parts and other equipment
4. Collection of waste and waste packaging
5. Issuing of certificates for collected sludge, oil and other waste

TYPES

- KMP-5000 petrol or diesel;
- KMP-10000 petrol or diesel;
- KMP-20000 petrol or diesel;
- KMP-5000+5000 petrol and diesel;
- KMP-10000+10000 petrol and diesel;
- KMP-20000+20000 petrol and diesel;



"ZLATNO JEDRO"
AWARD, Rijeka
2007

Facility KMP of 5,000 to 2 x 20,000 lit has the following positive expert opinions and certificates:

1. EXPERT OPINION OF Ex-AGENCY ZAGREB;
2. CERTIFICATE OF SAFETY INSTITUTE ZAGREB;
3. CERTIFICATE OF STATE OFFICE FOR METROLOGY;
4. CERTIFICATE OF MINISTRY OF AGRICULTURE, FORESTRY AND WATER MANAGEMENT;
5. CERTIFICATE OF MINISTRY OF INTERNAL AFFAIRS

All system is completely attested and patented, patent number: D20070117

MEMBRANE MOBILE FUEL STATIONS

MBP-1, MBP-2, MBP-3 and MBP-4



It was attested by the Croatian Standards Institute (commission for testing of S-devices), attest No. 02177 from 12.4.2002, version with pneumatic or electrical aggregate 380V. All fuel and oil stations are provided with complete technical, attesting and testing documentation, and maintenance and service manual!

Product warranty is 12 months! Minimum product service life is 20 years.

Model	Station dimensions AxBxH (mm)	Draining capacity l/min	Possible station placement, volume (l)	Station net weight (kg)	Emergency container volume (l)
MBP - 1	1700 x 1560 x 2550	40	1000 vertical	1200	260
MBP - 2	2000 x 1800 x 2870	40	2000 vertical	1600	300
MBP - 3	3000 x 1560 x 2550	40	1000+2000 vertical	2200	450
MBP - 4	3500 x 1560 x 2550	40	2000+2000 vertical	2500	500

PRESERVE WATER

ECO-CONTAINERS TEHNIX

Collectors - waste oil containers

COLLECT OIL

Users:

- Workshops
- Companies
- Marinas
- Shell
- Mol
- Castrol
- OMV



ECO-containers for waste motor oils are produced in one-walled and two-walled versions

Eco container	250 l
Eco container	500 l
Eco container	1000 l
Eco container	2000 l
Eco container	2500 l
Eco container	5000 l
Eco container	10 000 l

All containers are attested in the Safety Institute - Zagreb!

Equipped with collection and draining accessories



Eco-container - 500 liters

◀ Container for used motor oil with a tank

MOBILE ECOLOGICAL STORAGE

for hazardous waste



Collection of used motor oil in eco container



Hazardous waste storage

STORAGE DIMENSIONS (EXTERNAL)

Storage type	Height [mm]	Width [mm]	Depth [mm]	Container volume [l]
Type 1	2700	4000	1500	1200
Type 2	2700	3050	1300	1000
Type 3	2700	2550	1300	800
Type 4	2700	2050	1300	600

ECO CONTAINERS

for old batteries, filters, cloths and medical waste



Containers for old batteries with the volume of 640 and 1,000 liters



Container for oiled clothes and filters with the volume of 640 and 1,000 liters



Container for medical waste with the volume of 640 and 1,000 liters



Eco container for sand and salt with the volume of 320 liters



Container for fluorescent pipes, 1250 and 1600 mm long

ECO CONTAINERS ARE SUITABLE FOR DISPOSAL, KEEPING AND TRANSPORTATION OF HAZARDOUS THAT NEEDS TO BE STORED IN A LEGALLY REGULATED WAY!

Type	Dimensions	Net weight	Load capacity
640 liters	1130 x 930 x 1000	120 kg	640 kg
1000 liters	1400 x 1150 x 950	150 kg	1000 kg

Standard dimensions of a hazardous waste container

Pallets for transport of open and closed type



Dimensions - 1200 x 800 x 700 mm



Dimensions - 1200 x 800 x 700 mm



Dimensions - 1200 x 800 x 700 mm

Eco containers for internal and external transport



Euro-container type TEHNIX 1000 stainless steel with heaters



Euro-container for liquids of 1,000 l



Container for collection of old clothes and shoes

EMERGENCY CONTAINERS, BARREL STORAGE, SHELF WAREHOUSES



Cisterns on site

They are made of profiled steel materials. They are used as standard barrel holders installed above the emergency containers. They can be produced in one- or two-level versions.

Type	Dimensions [mm]	Load capacity [kg]	Weight [kg]
Eco holder 1	950 x 600 x 530	250	75
Eco holder 2	1270 x 600 x 530	500	125
Eco holder 3	1900 x 600 x 530	750	165



All emergency containers are tested and attested. They are made of profiled steel plates and profiles. They are produced according to European standards. Containers of special dimensions are also manufactured at the client's request. Attest no. 43/2004-12.

Type	Dimensions [mm]	Volume [l]	Load capacity [kg]	Weight [kg]
Eco container 1	800 x 815 x 380	160	600	64
Eco container 2	1000 x 815 x 380	225	1000	85
Eco container 3	1200 x 1200 x 380	280	1200	110
Eco container 4	2500 x 1250 x 380	500	2000	160



Tank with emergency container



Rolo cistern of 5,000 liters



Barrel cart



Practical barrel cart



Barrel pallet



Pallet barrel holders

STORAGES FOR INFLAMMABLE LIQUIDS OF ALL SIZES

Insulated storages with emergency container and grids



Inflammable liquids storage on site

Type	Dimensions [cm]	Allowed storage volume		Emergency container volume
750	200 x 200 x 230	750	1500	400
1000	200 x 250 x 230	1000	2000	500
1250	200 x 300 x 230	1250	2500	600
2000	200 x 400 x 230	1500	3000	800



Interior of the storage with shelves and emergency container
Arrangement, shape and shelf load capacity according to the user's needs!



Storage of various applications - slide doors



Storage dimensions - length 3, 4, 5 or 6 meters
width 2.4 meters
height 2.6 meters



Air-conditioned storage for inflammable liquids



Bottles storage

Bottles storage

Size	Length	Width	Height
1	2000	1000	2300
2	2500	1000	2300
3	3000	1000	2300
4	4000	1000	2300

According to the Act on Inflammable Liquids and Gases

METAL CABINETS FOR STORAGE OF INFLAMMABLE LIQUIDS



Metal cabinets KO-1000



Metal cabinets KO-500



Possible interior arrangement

Cabinet type Tehnix KO	Cabinet width (mm)	Cabinet height (mm)	Cabinet depth (mm)
KO - 500	630	1850	600
KO - 1000	1200	1850	600

COMMUNAL TECHNOLOGY FOR ENVIRONMENT PROTECTION

Upgrade of special containers - type TEHNIX



WE DESIGN AND PRODUCE ALL TYPES OF CONTAINERS

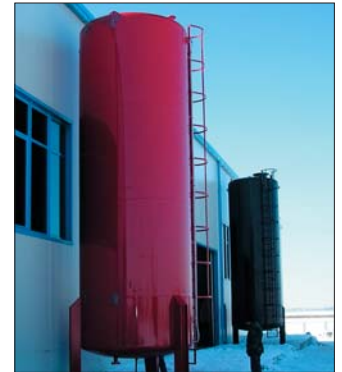
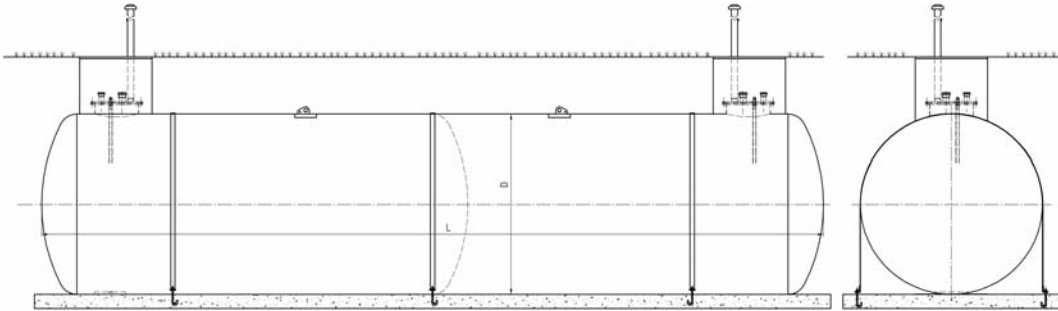
CISTERNS FOR VARIOUS APPLICATIONS

One-walled or two-walled cisterns with the volume of 5 m³ to 50 m³

Underground horizontal steel cisterns according to DIN 6608

Above ground horizontal steel cisterns according to DIN 6616

Vertical steel cisterns, one-walled and two-walled according to DIN 6618



Vertical cisterns according to DIN 6618

Wide application cisterns - accessories as requested

One-wall cisterns DIN 6608							Two-wall cisterns DIN 6608				
Type	V [m ³]	D [mm]	L [mm]	B [mm]	C [mm]	Weight [kg]	D1 [mm]	L1 [mm]	G [mm]	Weight [kg]	Type
TC - 5/I	5	1600	2820	800	1035	700	1612	2834	365	1275	TC - 5/II
TC - 10/I	10	1600	5350	800	1035	1200	1612	5364	450	2210	TC - 10/II
TC - 16/I	16	1600	8570	800	1035	1800	1612	8584	450	3360	TC - 16/II
TC - 20/I	20	2000	6969	890	1240	2300	2012	6974	500	3930	TC - 20/II
TC - 25/I	25	2000	8540	890	1240	2750	2012	8554	500	4720	TC - 25/II
TC - 30/I	30	2000	10120	890	1240	3300	2012	10134	500	5615	TC - 30/II
TC - 40/I	40	2500	8800	1025	1490	4200	2514	8816	500	7370	TC - 40/II
TC - 50/I	50	2500	10800	1025	1490	5100	2514	10816	500	8930	TC - 50/II



Production of floors from 15 mm thick tin sheets and diameter from 500 to 3000 mm according to norm DIM 28011 (shallow) and DIN 28013 (deep)



Special cisterns manufactured according to DIN norm

CONTAINERS PRODUCTION PROGRAM

The best containers according to TÜV



- | | |
|--|--|
| 1. Business containers | 13. Special ecological containers |
| 2. Residential containers | 14. Containers for electrical aggregates |
| 3. Sanitation containers | 15. Removable unit for LPG supply of vehicles |
| 4. Special EXCLUSIVE containers | 16. Typical ecological mobile station, petrol + diesel |
| 5. Storage containers | 17. Storage for flammable liquids of all dimensions |
| 6. Various types of containers | 18. Tekon - recycling storage, business storage |
| 7. Flat pack containers | 19. Mobile ecological house MEK - future project |
| 8. Telecommunication containers | 20. Containers for storage and transport of cisterns |
| 9. Container settlements with roof | 21. TEH-PACK disassembled container for economical transport |
| 10. KO-tainers - cooled containers (+4°C) | 22. Prefabricated business-residential modules 4 x 8 m |
| 11. Containers cooling chambers (-10°C) | 23. Complete container equipment according to customers' needs |
| 12. Containers for special purposes and applications | 24. Containers according to customers' needs |

**WE KNOW
HOW TO
SOLVE YOUR
PROBLEMS
QUICKLY**

TÜV tested and certified Standard dimensions of TEHNIX business containers

Container type	External dimensions (mm)			Internal dimensions (mm)		
	Length	Width	Height	Length	Width	Height
TX 10"	2991	2438	2591/2800	2831	2278	2250/2500
TX 20"	6058	2438	2591/2800	5898	2278	2250/2500
TX DWC	1400	2438	2591/2800	1240	2278	2250/2500

WE PRODUCE OTHER TYPES OF CONTAINERS ACCORDING TO CUSTOMERS' NEEDS



**WE MANUFACTURE
WE INSTALL
WE LEASE**

MODERN PRODUCTION OF CONTAINER SYSTEM TEHNIX

CONTAINER SETTLEMENTS

Business and residential buildings, hotels, schools, hospitals, shops
PRODUCTION, DELIVERY, INSTALLATION, DEMOUNTING, SALE, LEASE



Container settlement POLYGONE, Luxembourg



Container settlement Brussels



Container settlement NIŠ, Serbia



Assembly container settlement on site



Container settlement STRABAG in Zadar



Interior of a container settlement with complete equipment

TELECOMMUNICATION CONTAINERS

Containers with insulation, air-conditioning and electric fittings

High quality, galvanized construction, special colors, good insulation, 20 years warranty



REFERENCES

CROATIA
SLOVENIA
BIH
KOSOVO
GERMANY
RAILWAYS
INSTITUTES
AGENCIES
WIND MILL
POWERPLANTS



Telecommunication container of various constructions, depending on the operator



Wood plated container



Container adapted to the environment



Container's interior



Telecommunication container "PARK AIR SYSTEM" England



Telecommunication container with a roofing

Containers are equipped with attested electric fittings with special rubber guides for cables, with automatic air-conditioning, grounding equipment...! Complete technical documentation for location permit!

RESIDENTIAL AND BUSINESS CONTAINERS

High quality, excellent insulation, attractive design, long service life



1. Staircases with platforms
2. Wardrobe cabinets
3. Shelves, racks
4. Various types beds
5. Office furniture
6. Kitchens and sanitary utilities
7. Air conditioning and heating
8. Windows with shutters
9. Roof or overhang
10. Custom equipment

TEHNIX
YOUR PARTNER



Residential and business container Polygone



Steel complete welded storage container



DESIGN ACCORDING TO CUSTOMER REQUEST



Kitchens



FUNCTIONAL INTERIOR OF THE RESIDENTIAL CONTAINER

RESIDENTIAL AND BUSINESS CONTAINERS

CONTAINERS AND CONTAINERS SETTLEMENT EQUIPPING

SANITARY EQUIPMENT



Luxury equipped containers with sanitary equipment



Design of water supply with Wavin pipes system



Sanitary container with 14 sanitary units



Hot water tank



Wash basins in a container



Showers in a container



Urinal in a container



INOX EQUIPMENT



Reservoir for the temporary admission of faeces from sanitary container

SPECIAL MODULAR BUILDINGS

Fireproof solution



PERSONAL PROTECTION

Wardrobe and special closets



Standard version of a closet

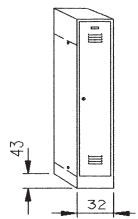


Compartments within a closet

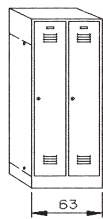


Wardrobe closets Tehnix

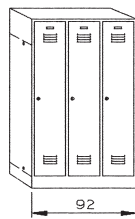
Version:
I-part



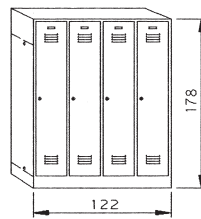
II-parts



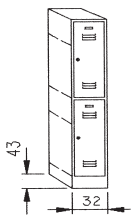
III-parts



IV-parts



Version:
I-part



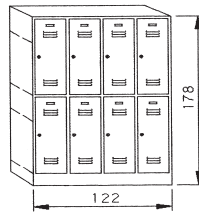
II-parts



III-parts



IV-parts



Wardrobe closets for food industry

METAL ASSEMBLY CONSTRUCTIONS



Metal construction assembly



Modern construction solutions

TEHNIX SOLUTIONS - THE BEST FOR YOUR NEEDS

PRODUCTION OF HIGH-PRESSURE VESSELS AND SPECIAL EQUIPMENT FOR ENERGY FACILITIES



Preparation and welding of special casings



Casings processing



Production hall - machine processing



Flanges production by bending on special machine



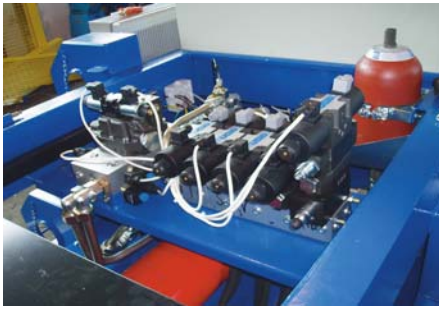
Final control of finished casings after painting



Sandblasting - painting of special casings

SPECIAL MACHINES AND PRODUCTS

Hydraulics, automatics, regulation assemblies



Production of complete hydraulic systems



Production of hydraulic cylinders of various types



Production of TEHNIX reduction units



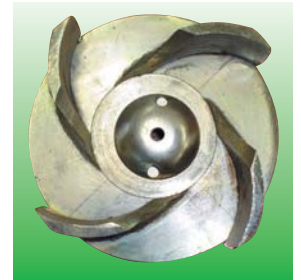
Submersible sludge pumps TEHNIX
0.75 - 4 kW/380V



Suction pressure pump TEHNIX



Impeller of submersible sludge pump Tehnix



TECHNOLOGY LINES IN TEHNIX PRODUCTION PROCESS



CNC Bohrwerk in operation



Technological line Tehnix for the production of floor steel plates 15 mm thick with a diameter of 500 to 3,000 mm



Processing by high-tech CNC machines



Modern steel plate punch "DURMA"

COMPANY TEHNIX IS THE LEADER IN ECO INDUSTRY

WE ARE RELIABLE AND GOOD PARTNER



PRODUCTION FACILITIES OF TEHNIX COMPANY

QUALITY IS RECOGNIZED BY EUROPE AND THE WORLD



Container positions cutting



Container positions bending



Production facility - machine processing



Containers production facility

Tehnix[®] COMPANY ACTIVITIES WORLDWIDE



MADE SUPPLIES

ROMANIA
SERBIA
B&H
SLOVENIA
CROATIA
DUBAI
SRI LANKA
SWEDEN
SWITZERLAND
GERMANY
AUSTRIA
LUXEMBOURG
RUSSIA

IN NEGOTIATION

BANGLADESH
CHINA
INDIA
EGYPT
SUDAN
SOUTH AFRICAN
REPUBLIC
GHANA
NIGERIA
LIBYA
ALGERIA
IRAN

25 YEAR OF DEVELOPMENT

MBO-T INDUSTRIAL RECYCLING OF MUNICIPAL WASTE

TEHNIX PRODUCTS ARE CERTIFIED BY TÜV STANDARD
TEHNIX PRODUCTS ARE RECYCLED AFTER USE

TEHNIX d.o.o.

COMPANY HEADQUARTER

Str. Braće Radić 35
40320 Donji Kraljevec
CROATIA

phone: +385 40 650 100
fax: +385 40 650 108
commercial +385 40 650 101
technical office +385 40 650 111

e-mail: tehnix@tehnix.com
web: www.tehnix.com
ID No. 3542521
VAT: 780 138 46 555

TEHNIX BEO d.o.o.

Kumodraška 265
Beograd
SERBIA
phone: +381 11 3978-775
fax: +381 11 3978-776
e-mail: beograd@tehnix.com
web: www.tehnixbeo.rs

TEHNIX ZAGREB

Kninski trg 14
phone: +385 1 605-5896
fax: +385 1 605-5897
e-mail: zagreb@tehnix.com

TEHNIX SPLIT

Držićeva 7, Solin
phone: +385 21 244-739
fax: +385 21 244-725
e-mail: split@tehnix.com

TEHNIX LEADING COMPANY IN ECO INDUSTRY

YOUR PARTNER IN ENVIRONMENTAL PROTECTION

