

HYDROMAT

ECO

www.hydromat.hr

HYDROMAT INŽENJERING d.o.o.

HYDRAULIC AUTOMATION - FLOW CONTROL - HYDRAULIC ECO - NAUTIC

MUNICIPAL AND PACKAGING WASTE COMPACTORS

New Concepts in Waste Management

The New Generation of Intelligent Hydro-press Containers



Up to 8 times
Volume reduction
of municipal and
packaging
waste

Higher unit
efficiency:
from 25
up to 100%
compared to the
existing Hydraulic
Containers on
the market

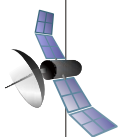
HPK

NEW PORTABLE CONTAINERS WITH HYDRAULIC PRESS
FOR MUNICIPAL AND PACKAGING WASTE COMPACTION

HYDROMAT's patented system for monitoring the container fullness integrated in the GPS container tracking system gives the user important information on screen and enables:

- automatic container identification
- locations change tracking
- state of fullness
- error report
- service information
- connection of unlimited number of

- economical and efficient waste management
- rapid return on investment
- easy operation and maintenance
- GSM - SMS communication and **GPS** container tracking system save your money



Patented system for monitoring the container fullness and remote control of waste disposal containers.

Product of Croatia

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Intelligent Hydro-press Containers

MUNICIPAL AND PACKAGING WASTE COMPACTORS
WITH **HYDROMAT GPS TRACKING SYSTEM**



Device Type	Net Volume chambers for compressing m ³	Press-Container Dimensions (Length / Width / Height) mm	Power kW
HPK 5	5	3640 x 1810 x 1820	4
HPK 10	10	4830 x 1910 x 2480	5,5
HPK 20	20	6950 x 2495 x 2620	5,5
SP 32 (stationary press)	32	6500x2300x2145	5,5

Smaller version of containers are available on request.



Hydraulic Containers - cost-effective ecological solution

HYDROMAT offers environmental friendly waste disposal solutions. The product range meets the requirements of modern waste management varying from small litter bins to large waste management solutions tailored to meet the customer's needs.

Hydro-Press Containers have compactor (press) fixed to the container, which enables them to function in any location. This hygienic, space-saving solution is especially suited for residential or office buildings, shops, hotels, hospitals and industry.

Safety, quality and easy maintenance

HYDROMAT Hydro-Press Containers are designed to fulfil the highest quality and safety requirements in the field. The high quality of parts and functions makes HPK - HYDROMAT Hydro-Press Containers long lasting and easy to maintain with **2 year warranty**.

HYDROMAT **experience of over 30 years** in project designing and manufacturing hydraulic cylinders and hydraulic equipment guarantees long lasting and reliable Hydro-Press Container operation.

HYDROMAT's broad maintenance and support service on call within 24 hours, guarantees a customer carefree and safe usage of Hydro-Press Containers for many years.

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Hydro-press Container GPS Tracking System
www.hydrumat.hr

Tracking Reports Locations Properties Log out

HPK-10-GPS
HPK10GPS001 11.01.2010
0-24

Map Satellite Hibrid Terrain

Kalendar
Danas: 11.01.2010
Odabrani dan: 11.01.2010

Pon	Uto	Sri	Čet	Pet	Sub	Ned
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Info
Container Data - Container position
Sector: Hydro-press Container
Container: HPK-10-GPS
Registration: HPK10GPS001
Time: 14.11.2010 8:57:51
Speed: Unknown
Location: Unknown
Container: Properties
Location: Unknown
Status: Active
Change status
Counter km: Change status
Container: Fullnes 80%

Containers
Search:
Filter: Aktivno
PresKontejneri
HPK-10-GPS
HPK10GPS001
50km/h
HPK-20-GPS
HPK20GPS001
0km/h

Example of HYDROMAT GPS Tracking System - unlimited number of Hydro-Press Containers managed through the user Internet portal

Concepts and options for multiple savings in waste management

A-Hydro-Press Container - Standard Model: HPK-S

All operating functions and fullness signalling with service information are placed on the container. Without remote control and alert.

B - Hydro-Press Container with SMS message alert Model: HPK - GSM

Consists of option A functions + GSM remote signalling and control of all operating functions. Practical for small number of containers.

C - Hydro-Press Containers with GPS tracking system Model: HPK - GPS

Consists of option B functions + HYDROMAT GPS container tracking system. This system allows position tracking, state of fullness, remote signalling and control of all functions for unlimited number of press container units, thus providing multiple savings to the

Specifications

- Patented fullness alert system together with the advanced press processing management guarantee maximum container fullness every time, which is 25 do 100% higher than with competitive units, resulting in transportation and manipulative costs decrease by the same percentage.
- Microprocessor controlled waste compaction process makes it fully adaptable to all types of waste and enables reliable and easy operation
- Containers have ability to connect in the electrical network in any location regardless of the phase order
- Easy and simple hydraulic opening and closing of the front door also prevents unauthorized access to the container
- Stationary press with mobile container capacity of 32m³
- GPS tracking - automatic identification, location change, state of fullness and errors report on the computer through the user Internet portal
- GSM control - state of fullness and error reporting (via SMS message)
- Light indicator of fullness, error reporting and service information are displayed on led display of container
- High speed of waste compaction - cca 30 sec.
- The design allows easy container discharge of compacted waste and does not require cleaning thrusters
- Hydro-Press Container is designed for the standard skip handler or for the roll-off tipper
- Options: completely sealed, no leakage or odour spread - satisfy highest hygienic demands

The goal of HYDROMAT ENGINEERING Ltd. is to offer people a safer, healthier and efficient living environment today and in the future.

Effective waste management

Specially designed hydraulic system, in addition to easy maintenance ensures that the HYDROMAT's hydraulic container can compact 25-100% more waste than other containers offered on the market. This makes them an excellent choice for sites with large amounts of waste production.

Hydro-press Container with **GSM - SMS** communication and **GPS** container tracking system enables effective and optimum discharge of containers situated on different locations, better cost plan of manipulation and disposal of containers with minimal personnel involvement.

New Concept, cost-efficient, environmentally aware

HYDROMAT offer high-quality waste compactors, efficient and economical waste disposal solutions even in demanding environment conditions.

Hydro-press Containers add cost-efficiency to company logistics and makes waste recovery efficient in open and confined spaces.

All information about the state of fullness, operating conditions and location of containers are available to you at any time on your computer / mobile phone.



save the
nature

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