

WASH WATER RECYCLE SYSTEMS ECODEPUR[®] DEPURWASH

[Quality, Innovation, Performance!]





WASH WATER RECYCLE SYSTEMS

ECODEPUR® DEPURWASH

DEPURWASH system allows treatment of effluents generated in vehicles and machinery washing operations, being applied downstream S-I-P lines (Sludge Trap / Oil Separator / Sample collection box) according to EN 858 -1 / 2, adjusting the treated water quality for reuse during the stages of pre-wash and wash.

The system reduces up to 90% water consumption in washing operations, resulting not only in an effective contribution to the preservation of resource "water" but also a worthwhile investment with economic return in the short term. The excess effluent meets the discharge limits imposed by current legislation regarding the parameters COD, BOD5, TSS, Grease & Oils and Total Hydrocarbons and can be directly discharged in natural areas (water / soil).

Type	Reutilization Capacity in peak hour (m3/h)	Daily Reuse Potential (m3/dia)	Monthly Reuse Potential (m3)	Annual Reuse Potential (m3)
ECODEPUR DEPURWASH 1.0	1,0	24	720	8.640
ECODEPUR DEPURWASH 1.5	1,5	36	1.080	12.960
ECODEPUR DEPURWASH 2.0	2,0	48	1.440	17.280
ECODEPUR DEPURWASH 3.0	3,0	72	2.160	25.920
ECODEPUR DEPURWASH 4.0	4,0	96	2.880	34.560
ECODEPUR DEPURWASH 5.0	5,0	120	3.600	43.200

Presented values respect at hydraulic Potential maximum available for reuse.

ECONOMIC BENEFIT

Water Resource consumption management and optimization allows a cost reduction associated with the drinking water consumption.

The actual savings should be assessed case by case, based on the water reuse expected volume compared to the rate applied by the local authority, or at cost/m3 in case of water supplied by Tank truck.

FEATURES

- > Reuse rate up to 90%;
- > Legislation and Normative full compliance;
- > Detergent consumption reducing in pre-washing and washing steps;
- > Easy and quick installation;
- > High functional safety;
- > Simplicity of operation and maintenance;
- > Absence of visual impact, noise and odours;
- > Automatic operation.

TECHNICAL BENEFITS

Creating a strategic water reserve, useful in lack of water periods due to supply temporary interruption (ruptures, Dry ...)

ENVIRONMENTAL BENEFITS

Reducing of contaminants level released to the natural receiver, in order to comply with legislation in force and preservation of natural resources (water), reducing your consumption and contributing thus for their conservation and sustainable use. The use of these systems, still, creates a Vanguard Environmental Friendly image.

Reusing for Saving

More cars you wash, More can you save!



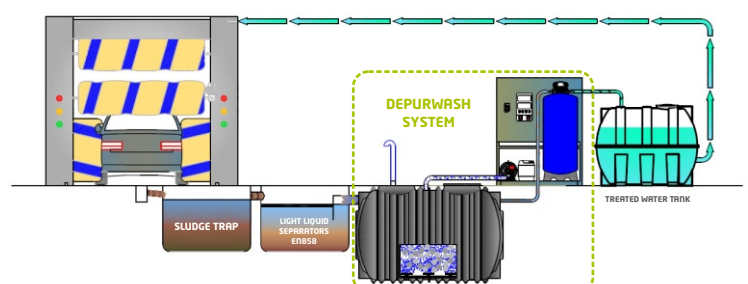
Economic Benefits
Reduce costs associated with water consumption



Technical Benefits
Water Reuse



Environmental Benefits
Natural water resources reduction consumption



DEPURWASH System can be underground or aboveground.