

High Quality Laundry Equipment



Washer extractors

Ecowash 750, 1100, 1600
in hygienic (separation
pure/inpure side) – or industrial
version



With caustic solution recuperation tank



With discharge and recuperation pump



Description

The internal drum with continuous wave is reciprocally stored and divided in 3 functional units(y-Form).

For loading and unloading purposes the external drum doors are horizontally designed, so that easy feeding and unloading are possible. (Slide loading and unloading). The Ecowash is provided with an automatic plan driving mechanism.

The external drum is an extremely stable construction consisting of high-grade steel and structural steel. All parts in contact with the fleet are made of non rusting high-grade steel of the quality 1.4301. The external drum doors are provided with electro-pneumatic bolting devices, i.e. the doors are locked automatically by activation of the door closing tracer.

The drive consists of a frequency-regulated three-phase motor. This engine has an electromagnetic d.c. injection brake and an exhaust system for the cooling of the engine, specially at low numbers of revolutions. The different wash and centrifugal speeds are controlled by the wash program microprocessor.

The Ecowash wash extractor has a very sturdy hot-dip galvanized basic frame. The swinging aggregate rests on 4 large dimensioned oscillation insulators.

The head framework is in such a way designed that an optional caustic solution recuperation tank can easily be built.

The machine is equipped in series with 2 water connectors for 2 different types of water. A further connection is intended for the cool-down-process for the treatment of mixing fabric.

3 Rinsing containers are provided for the supply of the Ecowash with detergents; in addition 4 connectors for liquid detergents.

The Ecowash is basically equipped with a programmable logic controller. The single program steps are displayed. All functions such as wash time, kind of cycle, temperature (stepless), type of water, detergent type, water level, drum speed for washing and centrifuges as well as for the control of the caustic solution recuperation plant are programmable.

The Switchgear cabinet is integrated on the left side stand. To the safety devices the following systems belong: Imbalance switch, external drum locking mechanism, temperature protection of the driving motor, pressure monitor, emergency stop switch etc...

Technical data:

Ecowash 750

Internal drum diameter:	1200 mm
Drum division:	3-divided
Drum depth:	635 mm
Volume:	720 Liter
Loading 1: 10	72 kg
Loading 1: 12	60 kg
Loading: 1:14	51 kg
Washing speed:	30 UpM
Centrifuge speed:	360/720 UpM
G-factor:	320
Drive:	13 KW
Heating system:	
HD-Steam:	6 bar
Option - Electrical:	70 KW
Option – Thermo-Oil:	V2A Rohrschlange
Option – HD- Indirect:	V2A Rohrschlange
Number of water connectors:	2
Discharge dimensions:	DN 100
Weight:	2500 kg
Width:	2300 mm
Depth:	800 mm
Height:	1955 mm

Ecowash 1100

Internal drum diameter:	1200 mm
Drum division:	3-divided
Drum depth:	950 mm
Volume:	1070 Liter
Loading 1: 10	108 kg
Loading 1: 12	90 kg
Loading: 1:14	77 kg
Washing speed:	30 UpM
Centrifuge speed:	360/720 UpM
G-factor:	320
Drive:	17 KW
Heating system:	
HD-Steam:	6 bar
Option - Electrical:	90 KW
Option – Thermo-Oil:	V2A Rohrschlange
Option – HD- Indirect:	V2A Rohrschlange
Number of water connectors:	2
Discharge dimensions:	DN 100
Weight:	2700 kg
Width:	2300 mm
Depth:	1100 mm
Height:	1955 mm

Ecowash 1600

Internal drum diameter:	1400 mm
Drum division:	3-divided
Drum depth:	1050 mm
Volume:	1500 Liter
Loading 1: 10	150 kg
Loading 1: 12	125 kg
Loading: 1:14	107 kg
Washing speed:	30 UpM
Centrifuge speed:	360/720 UpM
G-factor:	320
Drive:	27 KW
Heating system:	
HD-Steam:	6 bar
Option - Electrical:	auf Anfrage
Option – Thermo-Oil:	V2A Rohrschlange
Option – HD- Indirect:	V2A Rohrschlange
Number of water connectors:	2
Discharge dimensions:	DN 125
Weight:	3800 kg
Width:	2570 mm
Depth:	1200 mm
Height:	2570 mm