

FAST SPIN WASHER EXTRACTORS



FAST SPIN WASHER EXTRACTORS

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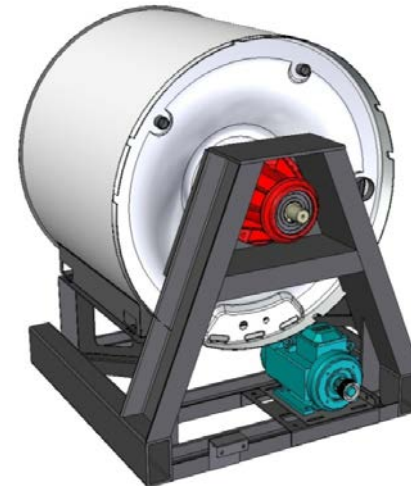
1. PRODUCT OVERVIEW

FAST SPIN (G Force 200)					
Control	Heating	Capacity			
		10-11 kg	13-14 kg	18-20 kg	25-28 kg
Microprocessor Easy Touch	Electric, hot water, steam	WEM -11	WEM-14	WEM-18	WEM-27
Easy Touch self-service	Electric and hot water	WEM-11 SELF	WEM-14 SELF	WEM-18 SELF	WEM-27 SELF

1. PRODUCT RANGE - OVERVIEW

FAST SPIN RANGE

- Hard mounted washers.
- *Anchoring to floor with anchoring base.*
- *High G-factor: 200*
- *R.P.M. between 700 -820*
- Savings because of the high extraction of water (*60-70% residual humidity*).
- Etc...



ONE WASHER - 2 POSSIBLE USES ANYTIME

ON PREMISE LAUNDRY

SELF-SERVICE LAUNDRY



2. CLASSIFICATION

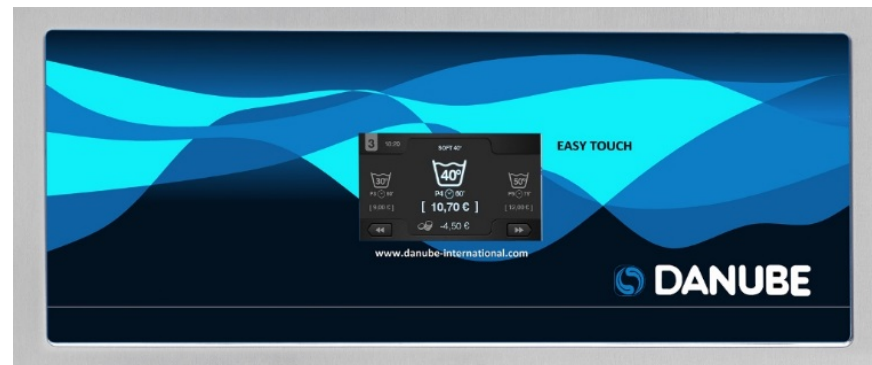
Heating:

- Electric [E] – Heating elements.
- Hot water [HW] – Hot water inlet reduced operating cost if hot water is available.
- Steam [S] – By means of steam injectors, lower operating cost, investment in boiler required if not available.

Size: 11, 14, 18 and 25 kg.

Self-service: E and HW versions in 11, 14, 18 and 25 kg (Tokens, coins, cards and central payment).

Control : **ET - Easy Touch microprocessor** (OPL and Self-service) .



3. MAIN FEATURES

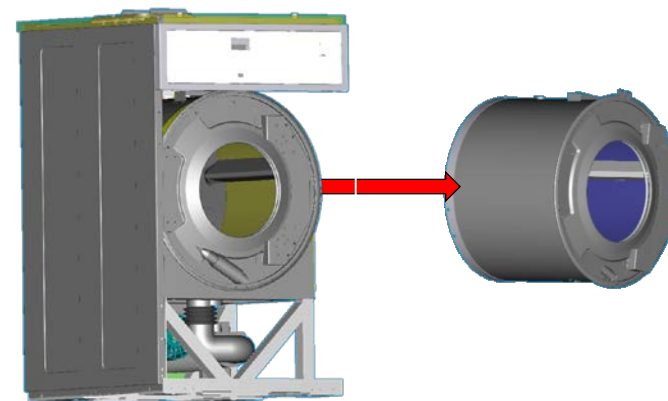
3.1.- MANUFACTURED IN STAINLESS STEEL BODY, OUTER DRUM AND INNER DRUM

- Elegant look
- Increased resistance to the external agents
- Avoid corrosion problems
- Increasing the washer lifetime
- Better quality



3.2.- DRUM REMOVABLE FROM THE FRONT (MODELS 11 ,14 ,18 AND 25 KG)

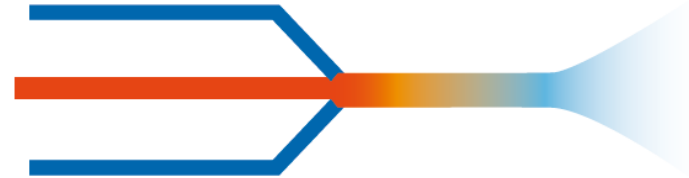
- Easy-to-access mechanical parts
- Easy to extract the drum



3. MAIN FEATURES

3.3. - AUTOMATIC WATER MIXER (MIXING DIFFERENT WATER TEMPERATURES)

- Energy savings
- Reduced Washing Time



3.4.- SOAP DOSING SYSTEM

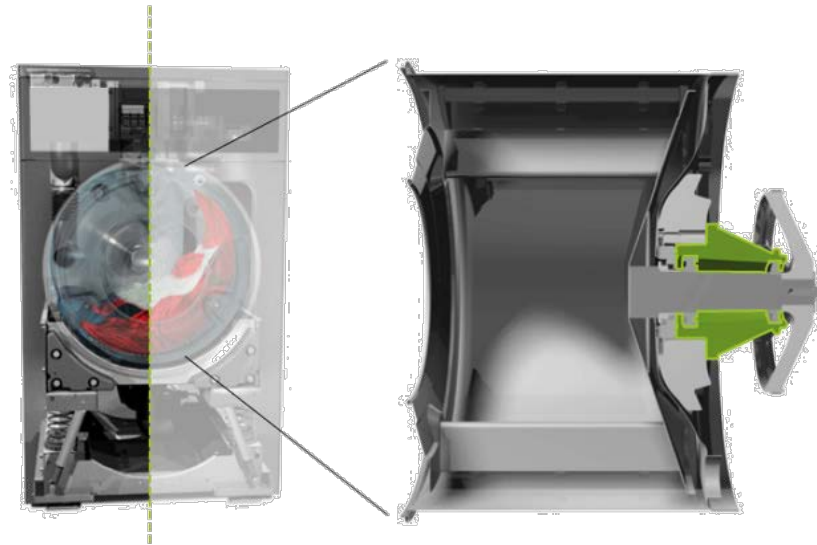
- Water ducts, as well as easy detergent connection. Complies with the WRAS certification
- Detergent dispenser drawer with 4 sections
- Rear connections for automatic liquid dosing. Up to 14 dosing signals (Option 6 extra signals)



3. MAIN FEATURES

3.5.- IMBALANCE SYSTEM

- Thanks to an advanced technological development, and by means of the inverter, the washers detect the imbalance at an early stage
- Operation is much smoother, making components long lasting
- Reduced Washing Time
- Energy savings



3. MAIN FEATURES

3.6.- WET CLEANING

All washers have the necessary features to use the **WET CLEANING** system.

Full control of temperatures and levels of water.

Washing speed of 15 r.p.m.

Rhythm on/off of 1sec/1sec

Manual control of each dosing signals



Wet cleaning

3.7.- TOP QUALITY AND REPUTED BRANDS

Ball bearings: NSK

Radial Seals : V-RING seals (external Viton)

Inverter: Delta

Contactors: Siemens / ABB

3. MAIN FEATURES

3.8.- TECHNICAL MENU

Complete technical menus

- Failure self-diagnosis systems (Auto-test)
- Alarms
- Saving of information (cycles, time working, spinning, alarms, etc...)
- Restricted access areas

Ergonomic access to control panels parts. Hinged panel



3.9.- 3RD WATER INLET AS STANDARD

All washers are equipped with a third water inlet, used for soft water (**Save filling time**), ozone or recycled water (**energy - water savings**)

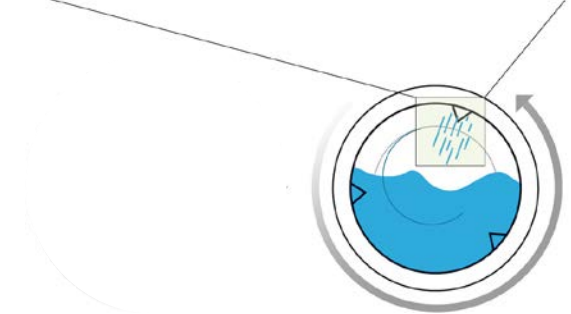


3. MAIN FEATURES

3.10.- SMALL PERFORATIONS IN THE RIBS OF THE DRUM

Water has a cascade effect on the load

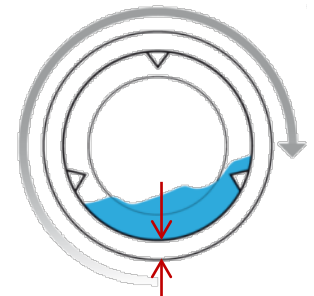
- Maximizes the washing quality with the shortest cycle time possible
- Increases considerably the mechanical action inside the drum
- Reduces the need of water



3.11.- DRUM AND TUB'S EFFICIENT DESIGN

A narrow gap between them, as well as the overuse of chemicals and water

- Reduces the energetic consumption to heat up the water
- Increases considerably mechanical action inside the drum



3. MAIN FEATURES

3.12.- OPTIMAL CONSUMPTION

Efficient system by means of which you can indicate the load which is introduced in the machine. The washer, automatically, adapts the quantity of water and chemicals to be used for this load.

- Reduces operation costs
- Savings



3.13.- VOLTAGE

- Models 11, 14, 18 and 25 Kg. Single-phase (except WED-27 Electric)
- All washers are 50/60 Hz

3.14.- DIMENSIONS

- 11, 14 and 18 kg. washers extractors with dimensions narrower than 800 mm
- 25 kg washer extractor with dimensions narrower than 900 mm

3.15.- SAFETY LATCH ON DOOR

3. MAIN FEATURES

3.16.- CERTIFICATES AND HOMOLOGATIONS

- WRAS (UK).
- ETL (USA and Canada) for 11, 14, 18 and 25 kg.
- CE.



3. MAIN FEATURES - EASY TOUCH

ON PREMISE LAUNDRY



SELF-SERVICE LAUNDRY



3. MAIN FEATURES - **EASY TOUCH**

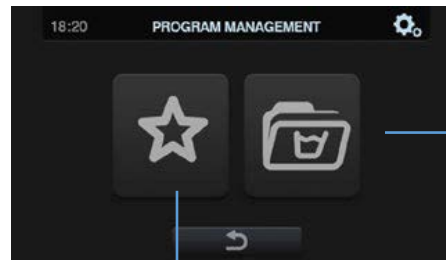
FEATURES

- **Touch Screen 4.3"**.
- Programmer: **33 available languages**.
- **USB port** for washer's software updates and other applications.
- **Same EASY TOUCH Control** for **OPL** washers and **coin** washers.

3. MAIN FEATURES - EASY TOUCH

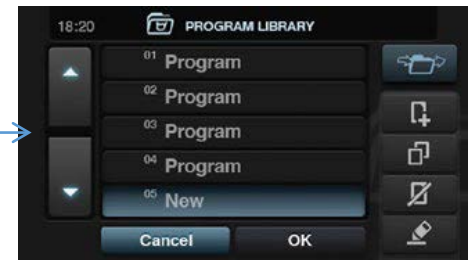
PROGRAMMING

- **User-friendly** and **intuitive** programming.
- **26 factory pre-set programs.**
 - 4 Intensive
 - 3 Standard
 - 4 Economic
 - 3 Delicate
 - 2 Spinning
 - 6 Hospitals and care-homes
 - 4 Self-service



My favourite programs

Programs library



- Possibility of programming, exporting, importing (**USB**) new programs.



3. MAIN FEATURES - EASY TOUCH

PROGRAMMING

- **Coin mode:** a price can be assigned to each program.
- **Easy management** of different **pricing plans**. Flexibility: Schedule your prices by hours, days, months, ...



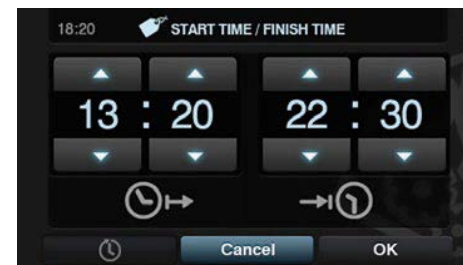
CENTRAL PAY : Ready to work with any central pay, which is external to the washer extractor.



ELECTRONIC COIN-TOKEN BOX : This device can work both with tokens or coins (all types of coins).



PREPAID CARD: Prepared to work with prepay card systems.



3. MAIN FEATURES - EASY TOUCH

FLEXIBILITY

- **8 signals** for automatic liquid dosing, programmable in time and delay.
- **Configuration of washing and spinning speed.**
- Complete **regulation of water levels.**
- **Standard WET CLEANING system.**
- Main screen display and washing process screen can be modified with parameters and images suiting each client.
- **LOADING AID** feature with water and rotation control for easy loading of the linen.



3. MAIN FEATURES - **EASY TOUCH**

ENERGY EFFICIENCY

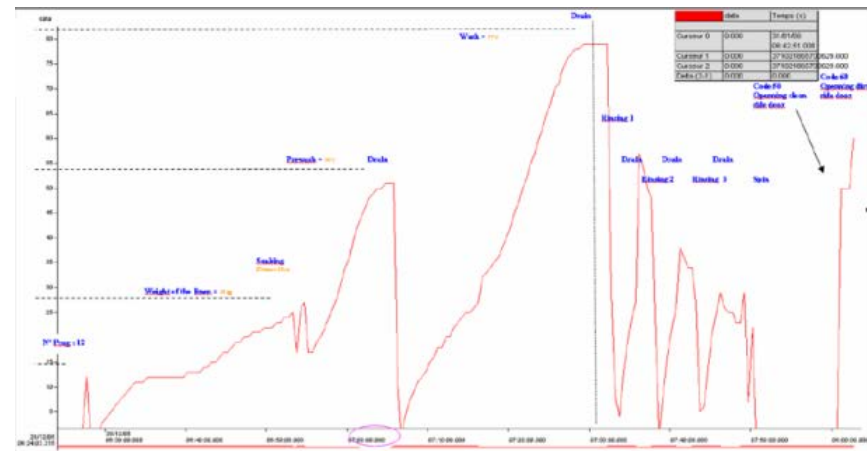
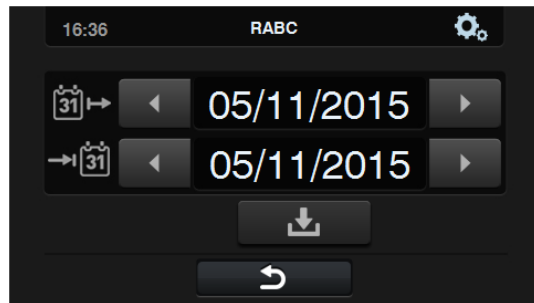
- **4 Economic programs.**
- **REST mode**, with automatic switch off.
- **Water recovery system**, with double drain option. Water savings up to 50%.
- **OPTIMAL CONSUMPTION** standard. Manual indication of the load.



3. MAIN FEATURES - EASY TOUCH

TRACEABILITY

- All washing process (Temperatures, water levels) is stored in the washer and can be downloaded from USB port.



4. ACCESSORIES AND OPTIONS

- Double drain kit allow the recovery of the water, with important savings
- Drain pump kit (11 and 14 kg)
- Kit marine voltage (440-480/III/50-60 Hz/no neutral)
- Relay card 6 extra signals for dosing pumps.

5. TECHNICAL DATA

DRUM	WEM-11	WEM-14	WEM-18	WEM-27
Load capacity 1:9 (kg)	11	14	20	28
Load capacity 1:10 (kg)	10	13	18	25
Volume (liters)	100	130	180	250
Diameter (mm)	620	620	620	700
Depth (mm)	330	430	600	670
DIMENSIONS				
Width (mm)	719	719	788	884
Depth (mm)	697	842	851	1011
Height (mm)	1158	1158	1307	1307
Net weight (Kg)	212	241	282	404
DOOR				
Height center door (mm)	570	570	655	700
Height base door (mm)	310	310	395	440
Diameter (mm)	373	373	373	373
POWER				
Motor (Kw)	0,75	1,5	2,2	3
Heating (Kw) (Electric model)	6	9	12	18
Max. power (Kw) (Electric model)	6,25	9,5	12,75	19
Max. power (Kw) (Steam / Hot water model)	0,75	1,5	2,2	3
CONNECTIONS				
Water inlet	3/4"	3/4"	3/4"	3/4"
Steam inlet	1/2"	1/2"	1/2"	3/4"
Drain (mm)	3"	3"	3"	3"
GENERAL DETAILS				
Washing speed (r.p.m)	50	50	50	47
Spining speed (r.p.m)	760	760	760	690
"G" Factor	200	200	200	200
Double drainage	NO	NO	OPT	OPT

6. SALES ARGUMENTS

SMALL-MEDIUM CAPACITY WASHERS	DANUBE	GIRBAU	ALLIANCE	ELECTROLUX
Stainless steel external panels	Std.	\$ Opt.	\$ Opt.	\$ Opt.
3rd water inlet	Std.	No	\$ Opt.	\$ Opt.
Wet-Cleaning	Std.	No	-	\$ Opt.
Traceability	Std.	No	\$ Opt.	No
Touch control	Std.	No	No	No

6. SALES ARGUMENTS

6.1.- SALES ARGUMENTS VS. COMPETITORS

- **Competitive price level**, with **standard features**, which are far superior to its competitors:
 - Stainless steel body
 - 3rd water inlet
 - Traceability
 - All models are programmable
- **Versatility**: Models (OPL-COIN), different types of heating and voltages, installable kits and accessories
- **New EASY TOUCH microprocessor**, high level of performance, ...
- **Reduced water consumption** (control of water recovery tanks, optimal consumption, ...)

6.2 MAIN FEATURES - Pictograms



Eau chaude
et Eau froide



3 arrivées d'eau



Inverter



Tambour efficace



Wet cleaning



Charge optimale



Inox



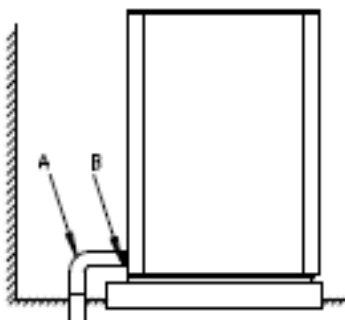
Programmeur
électronique



Recyclage 95%

6.3 COMPARISON AMONG DIFFERENT TYPES OF WASHER EXTRACTORS

TYPE OF WASHER EXTRACTOR	"G" FACTOR	TYPE OF INSTALLATION	MOISTURE RETENTION		TIME OF DRYING	TOTAL COSTS DURING FIRST TWO YEARS			
			100% COTTOM	50% COTTOM 50% POLYESTER					
HIGH SPIN WASHERS	350-450	Soft-Mounted	55%	45%	30´	2,1	38,4	74,5	
FAST SPIN WASHERS	200	Hard-Mounted	70%	60%	40´	21	6,5	51	78,5
LOW SPIN WASHERS	100	Hard-Mounted	100%	90%	60´	17	6,5	76,5	100



A= Drainage pipe bend
B=Clamp

Rear space needed:
-Minimum: 50 cm
- Recomended 80 cm

WED models are not need to be anchored to the floor, but it's recommendable

4 anchors for fixing the washer (Required in WEN /WEM Models)

Important : level floor

