



FAST



SMART



CLEAN



# HLM 8000



The ideal cleaning system for alternative solvents

# UNION HLM 8000 Series Advanced technology

Union **HLM-8000 Series** delivers up to 900 rpm vibration-free solvent extract and makes fast drying times possible! Multiple, industrial grade hydraulic shock absorbers and heavy-duty steel springs suppress the high G-Force to eliminate machine vibration, creep and crawl. Adjustable angle supports allow you to achieve precise balance of the basket cylinder for superior performance.

Exceptional cleaning, economy and ecological performance is achieved in the **UNION HLM-8015-E** and **HLM-8015-S**

supplied with a built-in mini boiler adequately regenerating the appropriate amount of cleaning solvent before the end of each cycle. This allows repeat processing or the switching off of the machine without wasting further time or energy.

All models also include all standard **UNION** innovations and exclusive technical features.



having 15 kg / 35lbs of loading capacity for use with compatible Class IIIA solvents, perfect for workshops with limited floor space and available with two or three tanks on a larger front design

**HLM-8000** models are also ideal as an extra add-on machine coupled to existing machinery in order to clean textiles and garments which cannot be water treated or cleaned with chlorinated solvents.

**UNION HLM- 8015** are perfect for continuous distillation cycles.

The distillation can be steam fed or the machine alternatively

A true innovation for the world of cleaning



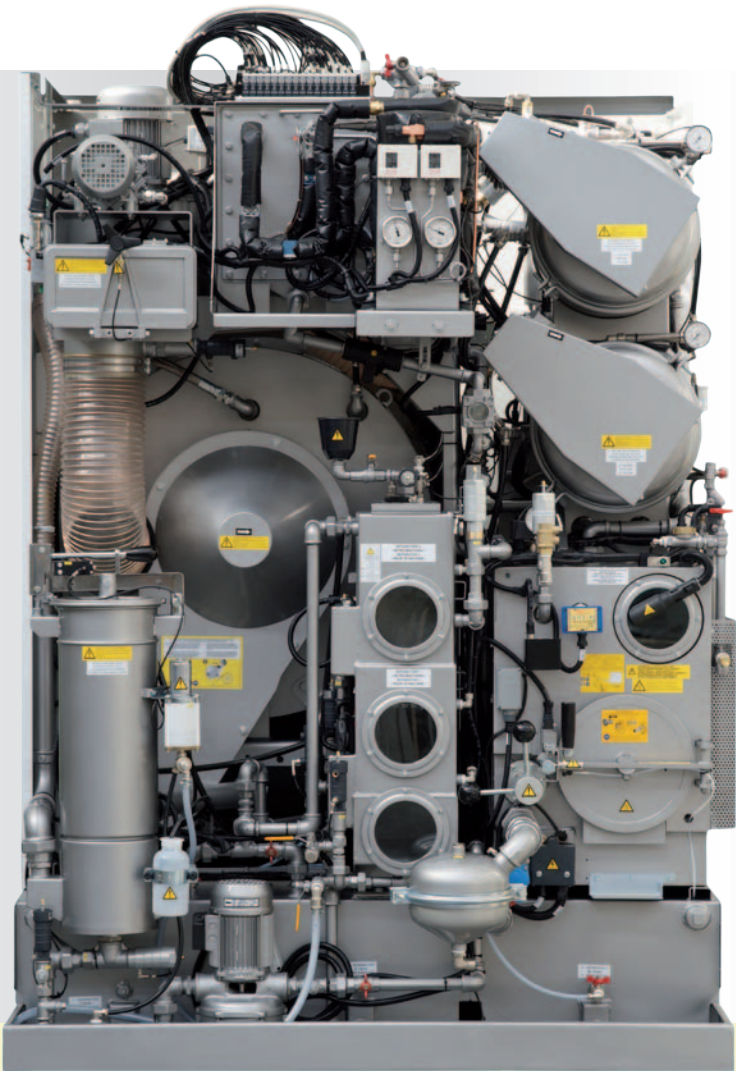


for greater performance



Large-access loading door with computer- controlled doors locks. Airflo basket design with back-plate washdown and residual lint removal speeds drying. Dialog Computer with new Dialog Plus advanced memory control. Computer-controlled inverter drive speeds. Front digital solvent/air temperature display and controls. Easy front access of computer. Three independently controlled solvent holding/transfer tanks with Sensor Plus to prevent solvent foaming and bacteria growth, slanted base and illuminated sight-glasses. 24-volt computer circuitry.

all critical areas. Still overflow protection and heavy-duty steel containment base. The latest **'NEW TECH'** cable system for easier access to electrical connected components. All models feature a new electronic **DRYING CONTROL system**. Convenient access to the generously sized double lint filters and button trap, Vacuum distillation system, H.C.S. (Hybrid Charge System) with multi-stage gravitational water separator with sight glasses.



Logical, ergonomically designed for convenient, easy access to all components for quick maintenance. Multiple, independent spin disc EcoFilters and carbon cartridge filters. Convenient access to oversized double lint filters and button trap. Multi-stage gravitational water separator with sight glasses.

Extra-large drying fan and modular refrigeration system. Automatic Still Cleaning System with Pneumo Still available. Quick-disconnect hoses on fridge coil for easy maintenance. Easily accessible piping, fittings and quick cut-off valves. High-efficiency pumps. Industrial grade stainless steel and brass in



A true innovation for the world of cleaning



FAST



SMART



CLEAN

# Technical specifications

MODEL		HLM8015E	HLM8015S		HLM8015E	HLM8015S
<b>LOAD CAPACITY (Ratio 1:20)</b>	Lbs	15	35	Kg	15	35
<b>BASKET</b>						
Diameter	inches	31.5	31.5	mm	800	800
Depth	inches	22	22	mm	560	560
Wash speed	rpm	10 - 50	10 - 50	rpm	10 - 50	10 - 50
Extract speed	rpm	200 - 800	200 - 800	rpm	200 - 800	200 - 800
Door opening	inches	20	20	mm	500	500
<b>TANKS</b>						
Useful volume tank 1	gal	26.5	26.5	lt	100	100
Useful volume tank 2	gal	26.5	26.5	lt	100	100
Useful volume tank 3	gal	-	30	lt	-	115
<b>STILL</b>						
Useful Still Volume at half inspection	gal	38.3	38.3	lt	145	145
Total Still Volume	gal	47.6	47.6	lt	180	180
<b>NYLON FILTER</b>						
Volume nylon filter housing	gal	9.2	9.2	lt	35	35
Nylon filter area	ft²	22.6	22.6	mt²	2.1	2.1
Filter disks	nr	14	14	nr	14	14
<b>PURITAN FILTER</b>						
Volume Puritan filter housing	gal	6.6	6.6	lt	25	25
Tubes number	nr	1	1	nr	1	1
Cartridges quantity	nr	2	2	nr	2	2
<b>DUAL CARTRIDGE FILTER</b>						
Volume Dual cartridge filter housing	gal	14.5	14.5	lt	55	55
Tubes numbers	nr	1	1	nr	1	1
Cartridges quantity	nr	2	2	nr	2	2
<b>POWER</b>						
Working power (STEAM MACHINE)	Kw	7.5	7.5	Kw	7	7
Wash/Extract motor - with Inverter	Hp	*1.7÷4.7	*1.7÷4.7	Kw	*1.3÷3.5	*1.3÷3.5
Solvent pump motor	Hp	0.75	0.75	Kw	0.55	0.55
Fan motor	Hp	2	2	Kw	1.5	1.5
Refrigerator compressor	Hp	4.7	4.7	Kw	3.14	3.14
Vacuum Pump Motor	Hp	0.5	0.5	Kw	0.37	0.37
Drying heaters (electric version)	Kw	9	9	Kw	9	9
Still elements (electric version)	Kw	7.5	7.5	Kw	7.5	7.5
Working power (ELECTRIC MACHINE)	Kw	24	24	Kw	23.5	23.5
<b>MACHINE WEIGHTS</b>						
Empty machine weight	lbs	3814	3858	Kg	1730	1750
Machine weight with solvent	lbs	4343	4586	Kg	1970	2080
Static charge on the floor with solvent	lbs/ft²	168	177	Kg/mt²	820	866
Dynamic charge on the floor (+10%)	lbs/ft²	308	318	Kg/mt²	1505	1555
Packaged machine weight (carton)	lbs	4012	4057	Kg	1820	1840
<b>MACHINE DIMENSIONS</b>						
Width front Machine	inches	61	61	mm	1550	1550
Depth	inches	65	65	mm	1650	1650
Height Without Fan	inches	87.2	87.2	mm	2215	2215

Note: Acoustic emission level of the machines is lower than 70 dB (A)

\* POWER CHANGES ACCORDINGLY TO THE USE OF THE MACHINE

All specifications are subject to change without notice



UNION S.p.A.  
 40010 Sala Bolognese (Bologna) ITALY -  
 Via Labriola 4/D  
 Tel.: (+39) 051.6814996 - Fax: (+39)  
 051.6814660  
 E-mail: union@uniondcm.com  
 Web page: www.uniondcm.com

The ideal cleaning system for alternative solvents