

# ECN-M

COLD WATER HIGH PRESSURE CLEANER - ELECTRIC MOTOR

This powerful industrial high pressure cleaner can be deployed in various sectors for heavy cleaning tasks. This model is available in different engine/pump combinations to supply high pressures and/or large quantities of water. For each application there is a suitable machine, that can be used in the agricultural sector, horticulture, forestry, construction, ... and for lots of other industrial cleaning.



MODERN & ERGONOMIC DESIGN  
with firm handle

PROFESSIONAL ACCESSORIES:  
Stainless steel lanceas standard  
according to the model  
with 2 built in lance holders

ERGONOMIC  
2 integrated brackets

INTEGRATED LIFTING EYE  
so the machines can  
also easily be lifted by a crane

HIGH-QUALITY MATERIALS  
rotation casted polyethylene in  
combination with stainless steel

Protective cover, easy to dismantle

QUICK-CONNECT COUPLINGS  
for replacing accessories

MOBILE  
2 sturdy wheels

A powder-lacquered steel  
frame >>> prevention  
from corrosion and  
ROBUST



Single stainless steel lance with high pressure nozzle and rotating quick coupling (only on  $\geq 320$  bar and 140/41)  
code : 1.216.769.xxxx



10 m high pressure hose (3/8")  
code : 1.208.xxx.020



High pressure gun with swivel  
code : 1.211.5xx



Single stainless steel lance with rotating high pressure nozzle and rotating quick coupling (only on  $\leq 320$  bar and  $< 41$  l/min)  
code : 1.208.729.xxxx



Double stainless steel spray lance with low and high pressure nozzle and rotating quick coupling (only on  $< 320$  bar and  $< 41$  l/min)  
code : 1.208.630.xxxx

# ECN-M



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Flexible engine/pump coupling





















Integrated lifting eye so the machines can also easily be lifted by a crane

## TECHNICAL SPECIFICATIONS:

- Low-speed electric motor (1450 rpm)
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Coarse particle filter
- ON/OFF switch
- Pressure control valve to adjust the operating pressure
- Automatic start/stop system with 30 s shut-down-delay
- GK coupling for connecting the low pressure hose
- Detergent injector (not on models with (\*\*))

Note: Monophase machines work as standard at 1 x 230 V - 50 Hz. 3-phase machines work as standard at 3 x 400 V - 50 Hz. Other versions on request.

## ECN-M

Barcode	TYPE										
		bar	l/h	°C	kW	m	l	l	mm	kg	
1.110.071**	140/41	140	2460	40	11 (3 x 400 V - 24 A) - 50 Hz	5	-	-	1103 x 768 x 1033	115	150 
1.110.206	160/30	30 - 160	300 - 1800	40	9,5 (3 x 400 V - 16 A) - 50 Hz	5	-	-	1103 x 768 x 1033	119	100 
1.110.406	220/22	30 - 220	240 - 1320	40	9,0 (3 x 400 V - 15 A) - 50 Hz	5	-	-	1103 x 768 x 1033	113	065 
1.110.451	220/30	30 - 220	300 - 1800	40	11 (3 x 400 V - 24 A) - 50 Hz	5	-	-	1103 x 768 x 1033	115	090 
1.110.501	260/16	30 - 260	180 - 960	40	7,5 (3 x 400 V - 13 A) - 50 Hz	5	-	-	1103 x 768 x 1033	115	040 
1.110.511	260/22	30 - 260	240 - 1320	40	11 (3 x 400 V - 24 A) - 50 Hz	5	-	-	1103 x 768 x 1033	110	055 
1.110.571**	320/18	30 - 320	180 - 1080	40	11 (3 x 400 V - 24 A) - 50 Hz	5	-	-	1103 x 768 x 1033	115	040 
1.110.771**	400/16	400	960	40	11 (3 x 400 V - 24 A) - 50 Hz	5	-	-	1103 x 768 x 1033	115	030 

# ECN-L

## COLD WATER HIGH PRESSURE CLEANER - ELECTRIC MOTOR

This powerful industrial high pressure cleaner can be deployed in various sectors for heavy cleaning tasks. This model is available in different engine/pump combinations to supply high pressures and/or large quantities of water. For each application there is a suitable machine, that can be used in the agricultural sector, horticulture, forestry, construction, ... and for lots of other industrial cleaning.

### HIGH QUALITY MATERIALS

UV-resistant and thick walled rotation casted polyethylene in combination with stainless steel >>> very solid, colourfast and scratch protection and no corrosion



Single stainless steel lance with high pressure nozzle and rotating quick coupling (only on ≥ 320 bar and 140/41)  
code: 1.216.769.xxxx



10 m high pressure hose (3/8")  
code: 1.208.xxx.020



High pressure gun with swivel  
code: 1.211.5xx

# ECN-L



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Flexible engine/pump coupling


















Integrated lifting eye so the machines can also easily be lifted by a crane

## TECHNICAL SPECIFICATIONS:

- Low-speed electric motor (1450 rpm)
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Coarse particle filter
- ON/OFF switch
- Pressure control valve to adjust the operating pressure
- Automatic start/stop system with 30 s shut-down-delay
- GK coupling for connecting the low pressure hose
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Note: Monophase machines work as standard at 1 x 230 V - 50 Hz. 3-phase machines work as standard at 3 x 400 V - 50 Hz. Other versions on request.

## MODELS:

ECN-L												
	TYPE											
		bar	l/h	°C	kW	m	l	l	mm	kg		
1.110.491	220/41	220	2460	40	18.5 (3 x 400 V - 35 A)- 50 Hz	5	-	-	1193 x 773 x 1054	183	130 	
1.110.601	320/23	320	1380	40	15,0 (3 x 400 V - 30 A)- 50 Hz	5	-	-	1193 x 773 x 1054	183	050 	
1.110.826	500/15	500	900	40	15.0 (3 x 400 V - 30 A)- 50 Hz	5	-	-	1193 x 773 x 1054	183	030 	
1.110.861	500/18	500	1080	40	18,5 (3 x 400 V - 35 A)- 50 Hz	5	-	-	1193 x 773 x 1054	183	035 	

OPTIONS (TO ORDER TOGETHER WITH THE MACHINE) :

ECN-M / ECN-L	
	 OPTIONAL
1.210.020	Supplement for hose reel with 20 m hose for ECN-M ≤ 250 bar
1.210.021	Supplement for hose reel with 20 m hose for ECN-M and ECN-L 41 l
1.210.023	Supplement for hose reel with 20 m hose reel for ECN-M >250 bar en < 300 bar
1.210.024	Supplement for hose reel with 20 m hose for ECN-M and ECN-L 320 bar
1.210.040	Supplement for hose reel with 40 m hose for ECN-M ≤ 250 bar
1.210.041	Supplement for hose reel with 40 m hose for ECN-M and ECN-L 41 l
1.210.043	Supplement for hose reel with 40 m hose for ECN-M >250 bar and < 300 bar
1.210.044	Supplement for hose reel with 40 m hose for ECN-M and ECN-L 320 bar
1.210.085	Supplement for soft starter for ECN-M and ECN-L up to 15 kW
1.210.090	Supplement for soft starter for ECN-L up to 22 kW

OPTIONAL ACCESSORIES :

ECN-M / ECN-L	
	 OPTIONAL
1.210.025	Hose reel set with 20 m hose, for ECN-M ≤ 250 bar
1.210.026	Hose reel set with 20 m hose, for ECN-M and ECN-L 41 l
1.210.028	Hose reel set with 20 m hose, for ECN-M >250 bar and < 300 bar
1.210.029	Hose reel set with 20 m hose, for ECN-M and ECN-L 320 bar
1.210.045	Hose reel set with 40 m hose, for ECN-M ≤ 250 bar
1.210.046	Hose reel set with 40 m hose, for ECN-M and ECN-L 41 l
1.210.048	Hose reel set with 40 m hose, for ECN-M >250 bar and < 300 bar
1.210.049	Hose reel set with 20 m hose, for ECN-M and ECN-L 320 bar

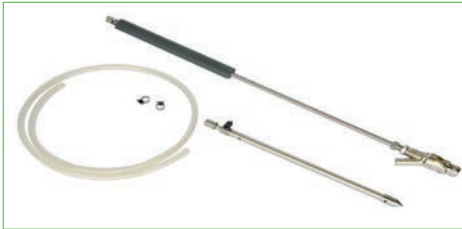
Note : no hose reel available for > 350 bar

## RECOMMENDED OPTIONAL ACCESSORIES :

The following special accessories are often requested tools for this type of high pressure cleaners.  
Please inform us of the desired pressure and flow when placing your order.



High pressure extension hoses with quick release  
from 10 m up to 25 m, suitable for operating  
pressures  $\leq 250$  bar,  $\leq 350$  bar and  $\leq 500$  bar  
code :    1.208.520.xxx ( $\leq 250$  bar)  
          1.208.540.xxx ( $\leq 350$  bar)  
          1.208.560.xxx ( $\leq 500$  bar)



High pressure grit blasting lance with power jet hp  
nozzle and suction hose, suitable for an operating  
pressure from  $\leq 350$  bar  
Length : 900 mm  
code : 1.258.225.00xxx ( $\leq 350$  bar)



High pressure grit blasting lance with flat jet  
nozzle and suction hose suitable, for an operating  
pressure from  $\leq 500$  bar  
Length : 900 mm  
code : 1.258.229.15xxx ( $\leq 500$  bar)

