

# 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

MOBILE  
2 sturdy wheels

QUICK-CONNECT COUPLINGS  
for replacing accessories

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

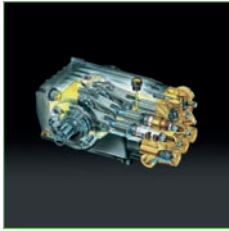


Single stainless steel lance with rotating high pressure nozzle and rotating quick coupling (only on  $\leq 320$  bar and  $< 41$  l/min)  
code : 1.208.729.xxxx



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  $\geq 320$  bar and 140/41)  
code: 1.216.769.xxxx

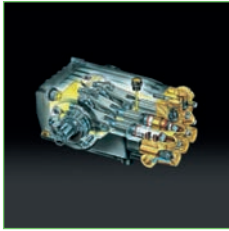


10 m high pressure hose  
(3/8")  
code: 1.208.xxx.020



High pressure gun  
with swivel  
code: 1.211.5xx

# 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
- 

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     |        |   |   |   |   |   |   |   |   |   |   |  |
|-----------|--------|---|---|---|---|---|---|---|---|---|---|--|
| Barcode   | 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   |   |
|---|---|
|  | <br>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 |   |
|---------------|---|
|               | <br>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)

