

4.3

Wall mounted or mobile medium pressure Washing machine 12 bar max

The **Hydra compact 12/25** is a latest generation low pressure washing machine designed and produced by **VEMA** to satisfy the demands of an increasingly more selective and demanding market.



The frame, pump and all control components are entirely made from stainless steel to satisfy the user's expectations and guarantee incomparable long term reliability with minimum noise levels.

Easy to use, compact, with a low maintenance requirement and excellent long term durability, it saves on both water and detergent by optimising all washing phases, obtaining excellent results.

The **pump absorbs just 1.3 kW, produces a pressure of about 12 bars with a maximum flow rate of 35 l/min and can be used with hot water up to 90°C** The controls are **low voltage (24 V)** and a delayed **total stop function** shuts down the system when the lance is closed.

As with all low to medium pressure systems, compressed air must be introduced for foaming.

Water consumption during foaming is just 4 l/min with coverage of about 50/60 m2 per minute and detergent consumption of less than 3%.

If compressed air is not available, a version with built-in compressor is also available.

Wheeled version



Mobile version



The **Hydra 12/25** is also among the most rational washing machines to operate, as to start washing the operator simply turns the lever on the front panel and inserts the lance.

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Available configurations

CODE	MODEL	MAX. FLOW RATE (lt/min)	PRESS. (Bar)	POW. (KW)	VOLT. (Volt)	RPM	AIR. COM. POW. ARIA (KW)	WEIGHT (kg)	DIMENSIONS (LxHxP) mm	MAX. IN-LET TEMP.	MAX. N° OF USERS
10.4779.00	Carrellata *	25/35	12/10	1,3	400 T	2900	-	70	550x1000x1000	90°C	1
10.4780.00	Carrellata * + compres.	25/35	12/10	1,3	400 T	2900	0,75	74	550x1000x1000	90°C	1
10.5228.00	Parete	25/35	12/10	1,3	230 MF	2900	-	35	610x350x350	90°C	1
10.5226.00	Parete	25/35	12/10	1,3	400 T	2900	-	35	610x350x350	90°C	1
10.5227.00	Parete + compres.	25/35	12/10	1,3	400 T	2900	0,75	48	610x350x350	90°C	1
10.5229.00	Mobile	25/35	12/10	1,3	230 MF	2900	-	55	500x1040x750	90°C	1
10.5230.00	Mobile	25/35	12/10	1,3	400 T	2900	-	55	500x1040x750	90°C	1
10.5231.00	Mobile + compres.	25/35	12/10	1,3	400 T	2900	0,75	68	500x1040x750	90°C	1

* Fitted manual hose reel

Double suction - With double barrel holder: Dimensions (LxHxP) 550x1000x1014 mm

(Optional - Cod. 10.3508.00)

Technical features

- Low voltage controls (24 volt)
- Total stop
- Over temperature 95 °C. safety control
- Pressure indicator
- Controls by electronic flow sensor
- S/s multistage centrifugal pump
- IP65 control panel
- S/s dosing system Aisi/316 complete of by-pass for foam and disinfection
- Compressed air adjustment complete of backflow security
- Thermoswitch on air compressor (only for versions with air compressor on board)
- S/s frame

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Supplied accessories



S/s washing lance without nozzle complete of male s/s coupling
Sut Sec. 9.4 - Cod. 10.0996.00



S/s foam lance cm 30 complete of
nozzle and s/s male quick coupling
Sec 9.8 - Cod. 10.0995.00



S/s nozzle 1/4"
Sec. 9.7



H.p. gun with swivel
Sec. 9.9 - Cod. 40.2039.00



FOODJET hose. hose L= 20mt. S/s
Crimped 1/2" female
Sec. 9.10 - Cod. 10.1082.00



Stainless steel SUT plug with
straight jet nozzle
and protective cover
Sec. 9.7 - Cod. 10.4954.00



S/s wall holder for hose
Sec 9.17 - Cod. 10.1335.00



S/s mounting bracket
Cod. 20.2073.06+Cod. 20.0707.06

(Mobile Version)

(Wall Version)

Optional accessories



S/s manual hose reel 1/2"
(without hose)
Sec. 9.2 Cod. - 10.0447.00



S/s automatic hose reel 1/2"
(without hose)
Sec. 9.1 - Cod. 10.0889.00



Kit Double Suction
S/S Dual holder for tank with
N. 02 Ball Valves for dosing deter-
gents **Cod. 10.3508.00**