

4.2



Wall mounted or mobile washing machine pressure from 20 to 50 Bar Max

The **Hydra 20/30** mobile washing machine is a genuine evolution among the medium/low pressure systems.

Unique in its sector for compactness, low noise levels, reliability and **standard accessories**, it enables foaming, rinsing and disinfection processes to be optimised, particularly in the food sector.

The system already incorporates all components, from the electrical panel with indicator lights to control pump rotation direction to the 100% stainless steel dispensing system for foaming and disinfection, creating a highly reliable integrated combination to satisfy all sanitising needs. The frame and trolley are in stainless steel and the washing **machine can accommodate two 30 kg detergent containers (mobile version only)**. All parts of the machine can be easily inspected for servicing and controls.

The pump absorbs just 2.2 kW, produces a **pressure of about 20 bars** with a **flow rate of more than 30 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 to produce the foam.

The **Hydra 20/30** is also among the most rational washing machines to operate, as to start washing the operator simply needs to turn the lever on the front panel and inserts the lance.

Mobile version



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Available configurations

MODEL	MAX. FLOW RATE (lt/min)	PRESS. (Bar)	POW. (KW)	VOLT. (Volt)	RPM	AIR. COM. POW. (KW)	WEI- GHT (kg)	DIMENSIONS (LxHxP) mm	MAX. IN- LET TEMP.	MAX. N° OF USERS	MAX. SUC. N°.	CODE
Wall	35	20	2,2	400 T	2800	-	60	480x1000x370	90°C	1	1	10.2883.00
Wall double suct.	35	20	2,2	400 T	2800	-	60	480x1000x370	90°C	1	2	10.4792.00
Mobile wheeled	35	20	2,2	400 T	2800	-	98	670x1090x760	90°C	1	1	10.4782.00
Mobile wheeled. double suct.	35	20	2,2	400 T	2800	-	98	670x1090x760	90°C	1	2	10.4783.00
Mobile wheeled. compressor	35	20	2,2	400 T	2800	0,75	112	670x1090x760	90°C	1	1	10.4784.00
Mobile double suct. wheeled compressor	35	20	2,2	400 T	2800	0,75	112	670x1090x760	90°C	1	2	10.4785.00
HYDRA 20/30 + (Models from 50 Bar - 50 lt/min wheeled, with double suction and compressor)												
Mobile wheeled	50	40	7,5	400 T	5000	-	120	670x1090x760	90°C	2	1	10.4786.00
Mobile wheeled. double suct.	50	40	7,5	400 T	5000	-	120	670x1090x760	90°C	2	2	10.4787.00
Mobile wheeled. compressor	50	40	7,5	400 T	5000	0,75	130	670x1090x760	90°C	2	1	10.4788.00
Mobile double suct. wheeled compressor	50	40	7,5	400 T	5000	0,75	130	670x1090x760	90°C	2	2	10.4789.00

Technical features

- Over temperature 95° C. safety control
- Pressure indicator
- Controls by electronic flow sensor
- Multistage s/s centrifugal pump
- IP65 control panel
- S/s dosing system 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
- Water lack controls
- Control of the correct sense of motor rotation
- Low voltage controls (24 volt)
- Total stop

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Supplied accessories



S/s washing lance cm. 90 without nozzle and
Complete of s/s male quick 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**



S/s pin complete of nozzle straight
jet and protection
Cod. 10.4954.00



H.P. gun complete of swivel
Sec 9.9 - Cod. 40.2039.00



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



S/s manual hose reel
Sec 9.2 - Cod. 10.0447.00
(Only for mobile version)



S/s wall holder for 2 lances
Sec. 9.17 - Cod. 20.0559.06
(Only for wall mounted version)



S/s mounting bracket
Cod. 20.2653.06 Cod. 20.0707.06
(Only for wall mounted version)

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Optional accessories



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



S/s automatic hose reel (Without hose)
Sec. 9.1 - Cod. 10.0889.00



Air Compressor 0,75 Kw
400 V Three phases
Cod. 40.2437.00