

VFR & New

The range of die washing machine for all requirements

Die washing machines available in different models to clean round dies and rectangular dies for satisfying the demands of Pasta and Snack production plants.

Series V.F.R.: the structure of the machine in stainless steel has been designed with a special **ROUND line of the tank**, the cover and the lateral extensions which, besides improving the design itself, guarantees a **self-cleaning action of the internal surfaces**, facilitating also the extraction and recovery system of washing waste. The round line of the machine allows the solid pasta waste to convey in the discharge zone of the tank itself, clearly visible and accessible for an easy and fast cleaning.

Series New: the restyling of the well-known die-washing machines UNIMEDI, UNIMAXI, SIMPLEX and DUPLEX, cheaper and targeted also to pasta factories of small and medium dimensions. The semi-squared shape of the machine, still easily accessible for cleaning need, allows to propose a cheaper machine in comparison with series VFR.

New Mini: machine for washing dies up to the diameter of 250mm, perfect for laboratories and small pasta factories. A die washing machine with simple pneumatic system for die rotation and washing arm movement. Electric board on board of the machine with timer for washing cycle duration. Pump group support and containment base.

Super Mini: version complete with water recovery tank and pump group support.

- **The automatic screw separator**, placed inside the washing tank, immediately removes from the washing area the pasta come out from the die and collect it in a proper stainless steel (or plastic) container on wheels. The container is equipped with a sensor which guarantees its correct positioning and with a particular settling system which, by further separating pasta waste from water, avoids unpleasant odors. The screw separator, thanks to the measures described, guarantees the maximum hygiene for the machine itself
- The models "New Simplex/Duplex" and upon request the other machines of Series NEW, are equipped with a **manual screw separator with a stainless steel extractable drawer** with filtering net. The drawer extraction is mainly used with Snack, Gluten free and Animal feed dies/extruders
- A **level sensor** connected to the PLC allows to automatically control the solenoid valve for the water replenishment inside the tank to keep the level constant thus avoiding the dry start of the pump
- Both the water for the tank replenishment and the anti-foam system are controlled by two diaphragm solenoid valves. As an option it is possible to equip the machine with air-operated valves
- In case of washing cycle **with high-pressure pump**, the washing arms are equipped with differentiated nozzles to wash the entry product side and the exit product side so as not to damage the inserts with Teflon extrusion
- **Differentiated speed** of the washing arms and of rotation/translation of the dies which, together with the modulated speed oscillation system of the washing arms and the nozzles distribution, allows to optimize the washing cycle regardless of die shape and die holes pattern
- Arms oscillator with **anti-accidents device**
- **Piston pump motor group** on a base with stainless steel casing
- **Leveling feet** (except New Simplex and New Duplex)

Optional:

- **Antifoam-system** to reduce the water consumption (Optional for NEW)
- **Die drying system** and/or implementation with sanitization and rinse circuit at the end of the washing cycle (Optional for VFR & NEW)
- **Soundproofing** of pump group



Electric board in painted steel (or in stainless steel upon request) with electronic control panel available in two versions:

- **4" color touch screen display** combined with Logo Siemens PLC to control the washing cycles according to the dimensions of the dies, manage the machine maintenance, alarm diagnostic and the remote assistance (optional)
- **7" color touch screen display** combined with a S7 Siemens PLC to easily program the washing time, the type and dimensions of the dies to wash, the arms and die movement speed, the alarm diagnostic and the remote assistance (optional)

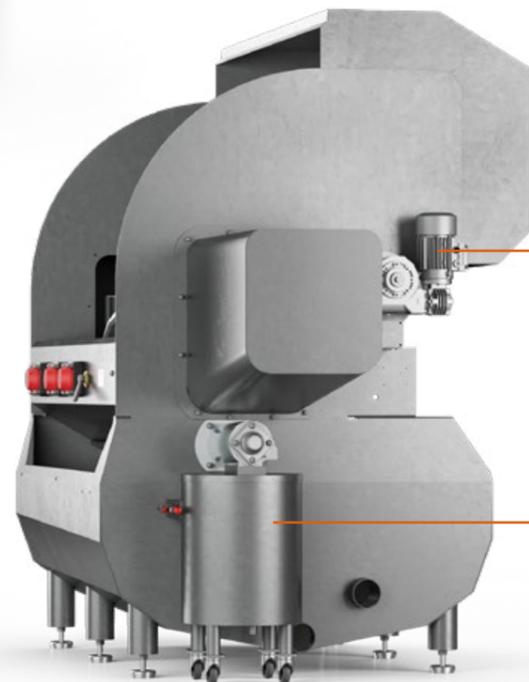
All our machines use common brand electric components, of prestigious and trustworthy brands, instead of custom-made and dedicated components which may originate problems of availability.



Control panel on board of machine



V.F.R. 3 / 300



Motorized opening

Waste product collection systems



Automatic replenishment with air-operated valve



Automatic replenishment with diaphragm solenoid valve



Screw separator in PMMA



Water level control



Screw separator in stainless steel



Air-water anti-foam system



Drying, sanitization and rinse system



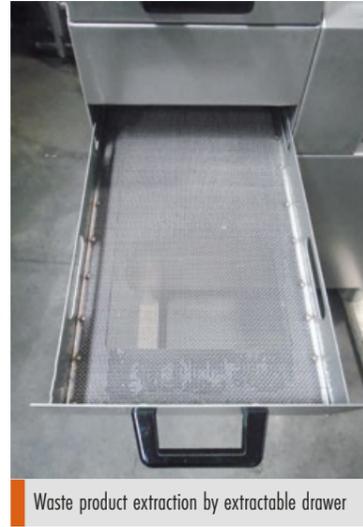
Water discharge/overflow



New DUPLEX



New SIMPLEX



Waste product extraction by extractable drawer



Super MINI

MINI



Pump group



Soundproofed pump group



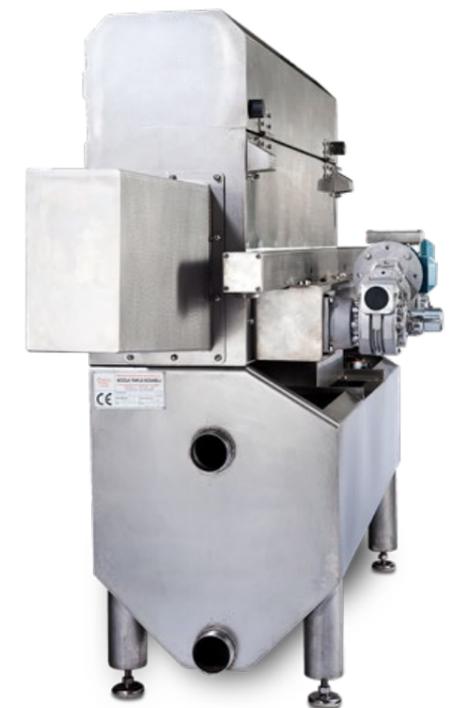
New UNIMEDI

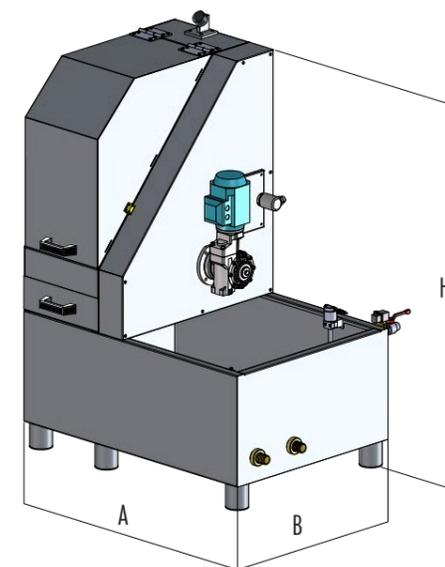
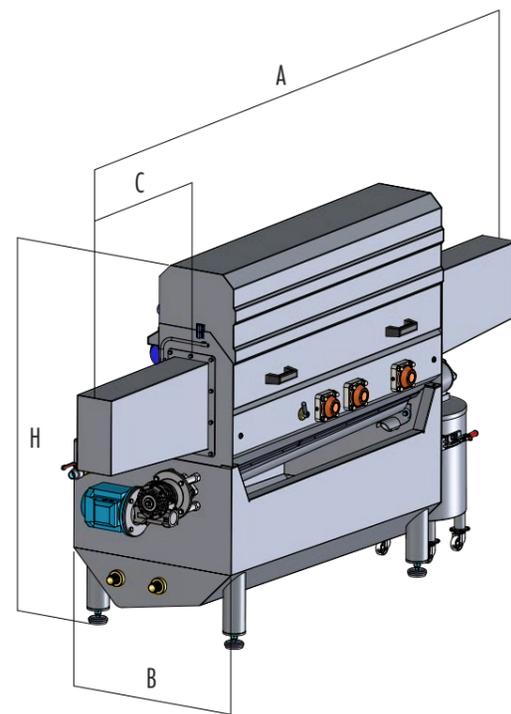
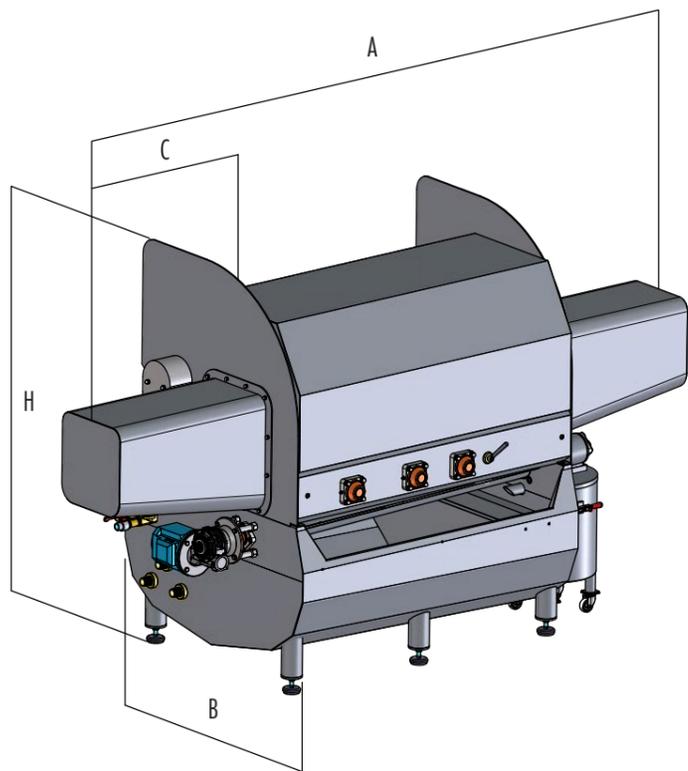


New UNIMAXI



Motorized or manual opening



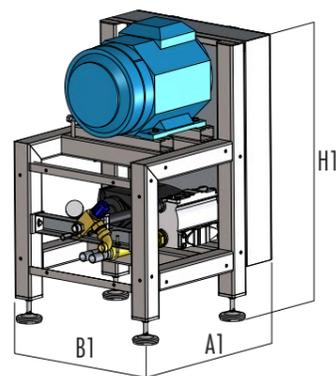
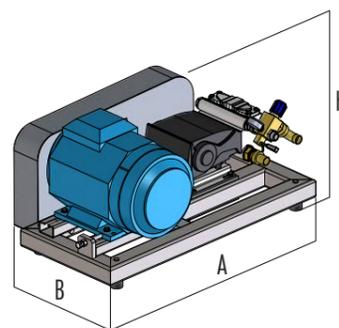


V.F.R.

TYPE	NET WEIGHT (WITHOUT PUMP)	ABSORBED POWER	DIES WASHING CAPACITY		MACHINE DIMENSIONS				PUMP TYPE
	Kg		Kw	D. (MM)	LXH (MM)	(A)	(B)	(H)	(C)
VFR 602	380	20	(1X)-2X600	-	1700	1215	1690	-	150
VFR 702	430	20	2X700	-	2300	1215	1800	-	150
VFR 704	800	38	4X700	-	2900	1215	1800	-	2 x 150
VFR 1C	560	11	1X600	1X1230X200	2900	1215	1520	700	80
VFR 1	550	11	1X600	1X2000X200	4300	1215	1520	1050	80
VFR 2	830	20	2X600	1X2000X200	3300	1215	1520	550	150
VFR 2/300	880	20	2X600	1X2500X200	4300	1215	1520	800	150
VFR2L/300	950	20	2X700	2X1230X300	4300	1215	1690	800	150
VFR 3	830	20	2X600	2X1230X200	2900	1215	1690	700	150
VFR 3/300	830	20	2X700	2X1230X300	3100	1215	1800	800	150
VFR 4/300	950	38	4X700	2X2500X300	4300	1215	1800	800	2 x 150
VFR 4C/300	950	38	4X700	2X2000X300	3300	1215	1800	550	2 x 150
VFR 4TR/300	1050	38	2/4X700	2/4X1230X300	4700	1215	1800	1000	2 x 150

NEW

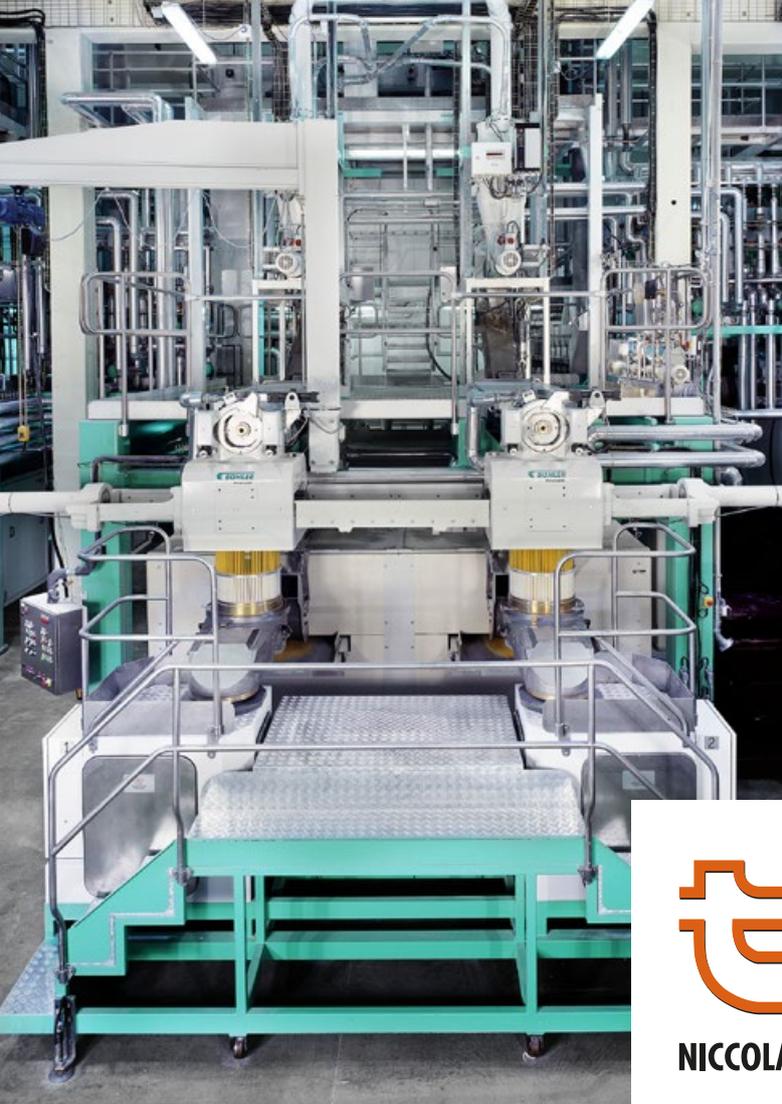
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	Kg		Kw	D. (MM)	LXH (MM)	(A)	(B)	(H)	(C)
NEW UNIMAXI - L	650	20	2X600	1X2500X200	4500	750	1830	900	150
NEW UNIMAXI	600	20	2X600	1X2000X200	3600	750	1550	700	150
NEW UNIMEDI 1500/CASSETTO	360	11	1X600	1X1230X200	2900	750	1500	750	80
NEW UNIMEDI 1500/COCLEA	425	11	1X600	1X1230X200	2900	750	1550	750	80
NEW UNIMEDI 2000/CASSETTO	500	11	1X600	1X2000X200	4400	750	1550	1100	80
NEW UNIMEDI 2000/COCLEA	550	11	1X600	1X2000X200	4400	750	1550	1100	80
NEW SIMPLEX 520	150	11	1X520	-	750	775	1350	-	80
NEW SIMPLEX 700	150	11	1X700	-	1150	850	1530	-	80
NEW DUPLEX 520	285	15	2X520	-	1500	830	1350	-	150
NEW DUPLEX 700	285	15	2X700	-	1500	830	1580	-	150
NEW MINI	125	2,2	1X250	-	374	640	883	-	14
NEW SUPER-MINI	180	2,2	1X250	-	580	620	1020	-	14



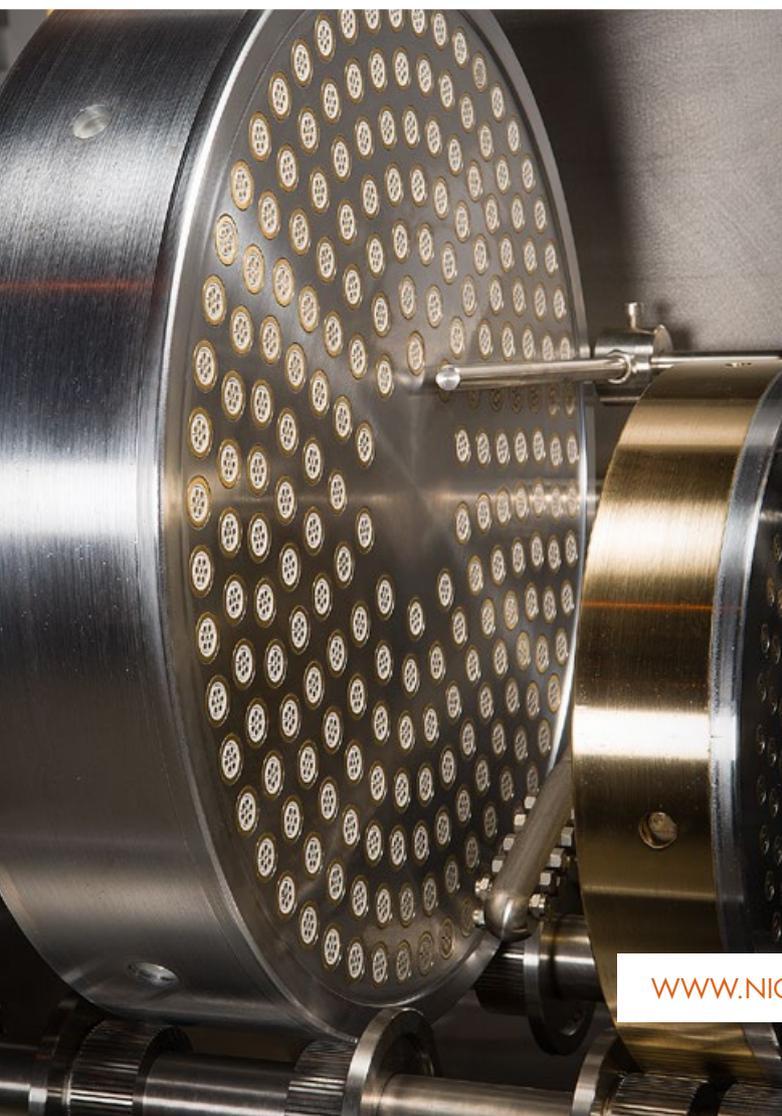
PUMPS

PUMP TYPE	POWER	PRESSURE	WEIGHT	OVERALL DIMENSIONS					
				Lt	Kw	Bar	Kg	(A)	(B)
80	9,2	45	170	1000	500	600	670	760	1135
150	18,5	45	270	1220	760	600	670	760	1170
80	18,5	90	270	1000	500	600	670	760	1170





NICCOLAI TRAFILE



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