

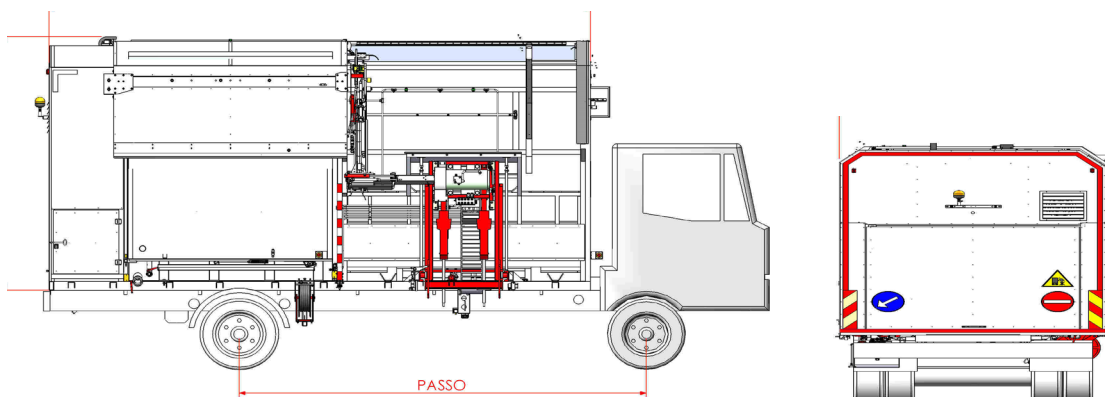


TECHNICAL DATA SHEET BIN WASHER

Model:
BVB020

Date
JANUARY 2026

SIDE LOADER BIN WASHER WITH SEQUENTIAL INTERNAL/EXTERNAL WASHING - COLD WATER



1	POSSIBLE vehicles	Brand	Model	Wheelbase	
		DAF	75CF250	3900	
		IVECO	EUROCARGO 180	4185	
		IVECO	S-WAY	4200	
		IVECO	S-WAY METANO	4500	
		MAN	TGM 18.240	4425	
		MERCEDES	ATEGO 1726	4760	
		PTO	- Linked to the gearbox		
Set up vehicle:	- The vehicle must have the right side (direction of travel) EMPTY between the front and the rear axle.				
	- The cabin of the vehicle must have a rear window and individual passenger seat.				
	- Exhaust facing downward.				
2	Water tank divided in 3 parts	Construction material	Tank	AISI 304 STAINLESS STEEL	
			Geometric capability CLEAN WATER	LITRES 6.000	
			Geometric capability DARK WATER	LITRES 5.800	
3	Washing chamber	Construction material	Structure	ALUMINIUM	
			Covering	ALUMINIUM	
4	Rear box	Construction material	Structure	ALUMINIUM	
			Covering	ALUMINIUM	
5	Turning containers device	Construction material	Rotary Actuator	CARBON STEEL	
			Grasp arms with exit from the bottom	CARBON STEEL	
6	Washing system	AISI 304 STAINLESS STEEL TELESCOPING WASHING ROBOT			
		Sequential modality	INTERNAL - With n° 2 AUTO-ROTATING HEADS 30 lts - 145 bar		
			EXTERNAL - With 8 MOVABLE NOOZLES put on the SLIDING door		
			COVER - With AISI 304 steel FIXED BARS with 6 FIXED STREAM NOZZLES		
			Washing time		Set up on monitor
			Water use		20 litres per wash at 20 seconds
			Stop and Go		67 seconds with wash at 20 seconds

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7	High pressure pump	Construction material	Stainless steel pistons with plasma ceramic finishing touch		
			Steel control pistons with superficial treatment		
			Flow rate	Litres /minute	60
			Max pressure	Bar	145
8	Dirty water pump		Self-priming centrifuge with open impellers		
			Flow rate	Litres /minute	100
9	Clean water loading system		Water supply network pressure with UNI 45 hydrant		
10	Dirty water drain system		With 3” valve		
11	Oil pump hydraulic services		Flow rate	Litres /minute	*** 28
			*** flow rate might vary depending on the model of the chassis		
12	Oil pump pressure water wash		Flow rate	Litres /minute	*** 63
			*** flow rate might vary depending on the model of the chassis		
13	PLC Monitor		N° 1 - 7” COLOUR TOUCH SCREEN		
14	Cameras		N° 1 – centring container		
			N° 1 – lateral vision working right area		
			N° 1 – global vision working left area		
15	Vision cameras Monitor		N° 1 – 7” COLOUR		
16	Security devices		N° 2 orange rotating lights		
			N° 1 lateral safety bar		
			N° 1 security bar		
			N° 3 safety switch in rear box door		
			N° 1 safety switch in washing chamber door		
			N° 2 stop button (cab and control area)		
			Automatic slowing down in case of wrong movements		
			Alarms and visual signs in case of problems		
			AISI 304 stainless steel washing chamber with ALUMINIUM covering		
17	Optional on request		Internal/external washing bins 1100 litres flat and round lid		
			Internal/external washing underground bins - maximum height 1700 mm		
			Hot water with anti-limescale system		
			Hose reel kit H.P. lance and 20 mt.		
			Disinfection kit		
			Detergent kit		
			Rear camera		
			Inner washing chamber camera		
			Automatic Lubrication		

The above mentioned data is not binding and moreover is referring to the maximum potentiality of the single details.

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