

**ATS ELGI**™  
THINK LONG RUN



PROVIDING WASHING SOLUTION SINCE 1960'S

# Smart wash Jumbo



**HIGHER PERFORMANCE**  
**SUPERIOR WASH QUALITY**  
**LESSER WATER CONSUMPTION**



**AUTOMATIC BUS WASHER**  
**EFFORTLESS. EFFICIENT**

## ▶ AUTOMATIC BUS WASHER - SMARTWASH JUMBO

ATS ELGI has launched an automatic bus washer that meets the high demand from commercial workshops as they increasingly adopt automation to improve productivity and lower dependence on human resources.

The product is ideal for washing of **all types of buses**. It is capable of washing buses up to 15 metres in length, 2.6 metres in width and 4 metres in height.

The product is set to dramatically improve the efficiency of workshops. At present, it takes at least 4 - 5 staff and 30 minutes to 1 hour to wash a bus manually. Manual washing of a bus also consumes 400 - 600 litres of water.

Now, with the automatic bus washer, a workshop can accomplish the task in **6 minutes** with only **145 litres of water** and reduced manpower.

### ▶ Technical Specification

Parameter	Unit	Data
Model	-	ABW 3B PIVOT
Machine type	-	Roll over gantry
Input supply voltage	V	3 Ph, 415 +10% / -15%
Frequency	Hz	50
Control system	-	PLC
Max. bus length washable	mm	15000 (49.2 ft approx.)
Bus washable width	mm	2500 to 2600 (8.2 to 8.5 ft approx.)
Max. bus height washable	mm	4000 (13 ft approx.)
No. of brushes	Nos	3 (2 vertical & 1 horizontal)
No. of water nozzles	Nos	14 (10 side & 4 top)
No. of shampoo nozzles	Nos	9 (6 side & 3 top)
Material of construction	-	Hot dip galvanized steel & SS bare metal
Machine overall dimensions	mm	(LxWxH) 2810 x 5200 x 5220

### ▶ Product Highlights

- ◆ Automatic vehicle sensing system
- ◆ Precise Contour following system for roof carriers & A/C filters
- ◆ Protection against earth leakage
- ◆ Anti-toppling locks to avoid derailing
- ◆ Can wash 8 - 9 buses per hour
- ◆ 3-brush system makes simultaneously washing of top and side of a bus possible
- ◆ Enabled with Limit switch to ensure proper movement of Horizontal Brush
- ◆ Advanced Electronic Transducer system for Precise & optimized Horizontal Brush performance
- ◆ Improves washing quality and maintains it throughout the day

### ▶ Benefits



**SUPERIOR WASH QUALITY**



**REDUCED DEPENDENCY ON MANPOWER**



**EFFICIENT WATER & POWER UTILIZATION**



**CAN HANDLE UP TO 15 METER LONG BUSES**



**COMPLETE WASHING WITHIN 4 TO 6 MINUTES\***

\* TIME & WATER CONSUMPTION VARIES ACCORDING BUS LENGTH

## ATS ELGI

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