

SPECIFICATIONS

AGG300 SERIES



TRUE LOW FLOOR 80' DOUBLE
ARTICULATED HEAVY DUTY TRANSIT



The Van Hool double-articulated AGG300 maximizes passenger capacity in the urban transit landscape. Featuring two accordion pleats, the eighty-foot BRT behemoth offers the same easy turning and driving maneuverability as smaller models and transports up to 150 riders. With true low-floor access from front to back, wide multiple door entries, plus large windows, spacious interiors and a host of advanced design features, the AGG300 truly brings BRT operations to the next level!



*Van Hool easy walk through
turn table is usable while
bus is in operation*



*Van Hool's unique design
overhead cooling package*



*Van Hool incorporates rear
window design that allows
interior panoramic view*



AGG300 Specifications & Features

TRUE LOW FLOOR 80' DOUBLE ARTICULATED HEAVY DUTY TRANSIT

General

Overall Length	80' 10"
Overall Height	134"
Overall Width	102"
Wheelbase	228"/291"/254"
Front Overhang	106"
Rear Overhang	92"
Turning Radius (outside of tire)	41'
Fuel Tank Capacity	105 gals.
Entrance Height	14.56"
Approach Angle	9°
Departure Angle	9°
Seated Passengers	61 seats + 4 fold down seats + Driver
Total Passenger	150 + Driver

Powertrain

Engines "Tractor Mounted Mid-Ship"	
- Cummins ISL 07 330HP	
Standard	
- Voith D864.5 Four-speed	
Automatic Transmission with Integrated Retarder	Standard
- ABS/ASR	Standard
Heavy Duty Radiator Roof-Mounted At Front	Standard
Thermostatically Controlled Hydraulic Radiator Fan	Standard
Heavy Duty Tubular Steel Drive Shaft	Standard

Body Construction

Electrically Welded Partially Steel and Partially Stainless Steel Structure	Standard
Galvanized Steel Side Walls	Standard
Stainless Steel Side Skirts	Standard
Fiberglass Reinforced Polyester Front and Rear	Standard
One Piece Aircraft Aluminum Roof	Standard
Energy Absorbing Bumpers	Standard
Inward Pivoting Front, Third, Fourth and Fifth Door,	
Wide Outward Opening Second Door	Standard
Four Door Version	Optional
Stainless Steel Structure For Corrosive Climates	Optional
Interior and Exterior Self Service On Rear Doors	Optional
Rooftop Side Skirts	Optional

Chassis

Eight Wheel Disc Brakes	Standard
Maintenance Free Wheel Bearings and King Pins	Standard
Rigid Front Axle	Standard
ZF Portal Drive Axle with Offset Differential and Double Reduction	Standard
Air Suspension with Air Springs and Telescopic Shock Absorbers	Standard
Tilt and Telescopic Steering Wheel	Standard
ZF Variable Ratio Steering	Standard
Third and Fourth Axles Steerable	Standard
RHS Kneeling System	Standard
Full Lifting System	Standard
305/70 R 22.5 Tubeless Tires On All Wheels	Standard
Aluminum Durabright Finished 22.5x8.25 Rims	Standard

Electrical & Lighting

VDO KIBES Multiplexing System with Central Control Unit and Subboards Divided Throughout The Vehicle. Van Hool Dashboard with Central VDO Multifunction LCD Display and Integrated Diagnostic Controls.	Standard
24 V Incandescent Headlights	Standard
24 V LED Rear Lights	Standard
2 x 140 Amp Alternator	Standard
2 x 12 V, 225 Ah batteries	Standard

Climate Control

Passenger Heating System Through 6 Heater Elements Located In The Roof Ducts	Standard
Forced Air Ventilation Through Roof Ducts	Standard
Fully Automatic Thermostatically Controlled System	Standard
Driver's HVAC System Mounted At Roof Level Is Powerful, Quiet and Easy To Maintain	Standard
Rooftop Mounted Air Conditioning For Passengers' and Driver's Compartments	Optional
Additional Heaters and Fuel Fired Water Heaters For Cold Weather Operations	Optional

Other Equipment

Very Spacious and Ergonomic Driver's Compartment	Standard
Van Hool Push Out Emergency Windows, According To FMVSS-217 Regulations	Standard
Remote Control Mirrors Standard	
Clearly Readable Destination Signs	Optional
Fold Out Wheelchair Ramp At Door 2	Standard
Securement Positions For 2 Wheelchair Passengers Before and Behind Door 2	Standard
Public Address System	Standard
Bike Rack Mounted At The Front	Optional



At 80 feet long, it seems the panoramic view goes on forever aboard the AGG300



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These specifications are based on up to date product information available at the time of printing April 2007. Specifications can change without prior notice. Contact an ABC Companies Account Executive for details. Vehicle on reverse side of this sheet shown with optional equipment