

ENDURANCE⁸⁰

TECHNICAL SPECIFICATIONS



AGRIFAC

DIMENSIONS AND WEIGHTS

Machine length	10,9 - 12 m ¹⁾
Machine width	3 - 3,5 m ²⁾
Machine height	4 m ²⁾
Weight	15.000 kg ^{1) 2)} (empty weight)

¹⁾ Depending on spray boom ²⁾ Depending on tires

SPEED

Maximum road speed	60 km/h ¹⁾
Field speed high	30 km/h

¹⁾ Depending on local regulations

CHASSIS

System	StabiloPlus
Suspension	Air suspension with hydraulic shock absorbers
Wheel base	4 m
Turning radius	4 m (Exterior: 6,3 m)
Ground clearance	1,4 m (Optional: 1,54 m) ¹⁾
Steering	4 wheel/2 wheel/crab steering
Drive	Hydrostatic 4 wheel
Track width	Continuously adjustable, 100 cm range
	2,00 - 3,00 m
	2,25 - 3,25 m
	2,62 - 3,62 m
	3,61 - 4,61 m

¹⁾ Machine exceeds total height of 4 m, availability depending on local regulations.

ENGINE AND DRIVE LINE

Diesel engine	Cummins Lg
Power	298 kW (405 Hp)
Max. torque	1795 Nm at 1400 rpm
Engine speed	1800 RPM max.
Emission standard	EU Stage V
Fuel tank capacity	750 liters
AdBlue tank capacity	130 liters
Brand of drive line	Bosch Rexroth
Total torque front wheels	21.851 Nm
Total torque rear wheels	30.349 Nm

PLUMBING

Spray pump	Hypro 9316S-M10
Filling pump	Hypro 9343-GM10-SP

BRAKES AND TIRES

Brakes	Pneumatic drum brakes (All wheels)
Tires	380/105 R54
	420/95 R50
	480/80 R50
	480/95 R50
	480/95 R54
	520/85 R50
	580/85 R42
	650/85 R42
	710/75 R42
	750/75 R46
	900/60 R42 ¹⁾

¹⁾ Machine exceeds transport width of 300 cm.

FILTERS

Suction filter	32 mesh
Pressure filter	80 mesh

MAIN TANK AND CLEAN WATER TANK

Tank capacity	8.000 l
Clean water tank capacity	750 l
Hand washing tank	35 l
Agitating system	Venturi agitators (Variable agitation force)
Suction hose	10 m
Induction hopper	Located on the left side of the machine (Optional) At the tank opening, on the platform (Optional)
CTS	Hypro Cleanload Nexus
Automatic cleaning	Optional

PLATFORM

Platform	166 x 115 cm
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SPRAY BOOM

J-boom	24 - 55 m
AirFlowPlus	24 - 39 m
Nozzle spacing	25 cm (Optional: 50 cm)
Nozzle holder	Agrifac Quadrajet (4-nozzle manual rotator)
Sections	3 m, 1,5 m, per nozzle
Border nozzles	Left and right (Optional on all boom folding sizes)
End nozzles	Left and right (Optional on all boom folding sizes)
Automatic boom height control	4 sensor radar system, 8 sensor radar system

SPRAY TECHNOLOGY

HighTechAirPlus	Optional
StrictSprayPlus	Optional
DynamicDosePlus	Optional
AICPlus^{1) 2)}	Optional
WEED-IT¹⁾	Optional
VertiPlus¹⁾	Optional

¹⁾ Only on 3-fold spray booms. ²⁾ dependent on the available detection algorithms.



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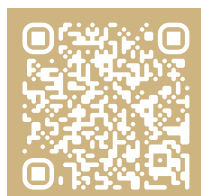


AGRIFAC

SPRAY BOOM

J-Boom	AirFlowPlus
24 m	24 m
24/18 m	24/12 m
24/21/15 m	30/24 m
24/21 m	33/24 m ¹⁾
27/18 m	34/24 m
27/21 m	36/24 m
27/21/15 m	39/26 m ¹⁾
30/24 m	
30/24/18 m	
30/24/15 m	
30/21 m	
32/24 m	
32/30/24 m	
33/21 m ¹⁾	
33/24 m	
33/27/21 m ¹⁾	
33/27/18 m	
36/24 m	
36/30/18 m	
36/30/21 m	
36/30/24 m	
36/32/24 m	
36/27/18 m	
37/24 m	
38/36/24 m	
39/27 m ¹⁾	
39/33/21 m ¹⁾	
39/33/24 m ¹⁾	
40/33/21 m	
40/36/24 m	
42/28 m	
42/33/21 m	
42/36/24 m ²⁾	
45/30 m ¹⁾	
45/33/21 m ¹⁾	
48/30 m	
48/36/24 m ²⁾	
49/31 m	
51/34 m	
51/39/27 m ¹⁾	
52/39/27 m ¹⁾	
54/36 m	
54/42/28 m	
55/36 m	

¹⁾ Available in a version with 0.5 m additional working width for wide track. ²⁾ Available with horizontal folding



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MORE INFORMATION**