

400/230V | 50Hz

VANGUARD 6134 | MECCALTE ATO 28/2 1VS

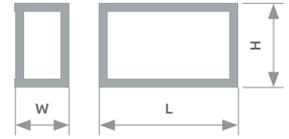
DGB 24 TF BC



Illustrative image

Dimensions (with wheels):

L : 1050 mm
H : 815 mm
W : 795 mm



Weight:
220 kg

-  50Hz
-  400/230V
-  Air cooled
-  Unleaded gasoline
-  3000 r.p.m.
-  Portable frame
-  CE Conformity

1 / Genset general description

GENERAL TECHNICAL DATA	Engine	VANGUARD 6134
	Alternator	MECCALTE ATO 28/2 1VS
	Frequency	50Hz
	Voltage	400/230V
	Rated speed (rpm)	3000
	Power factor	0,8
	Fuel tank capacity (l)	25
	Starting system	Electric

POWER¹	PRP (kVA / kW)	22 / 17
	ESP (kVA / kW)	24 / 19

Professional generators for rental of machinery and construction companies. The **BC · Vanguard range** is characterized by its **robustness and efficiency**. It incorporates **oversized alternators, special electrical panels that comply with the current regulations and wheel kits** to facilitate its transport and handling.



¹PRP: ("Prime Power") ISO8528-1 Standard.

ESP: ("Emergency Standby Power") ISO8528-1. ISO8528-1 Standard.

2 / Engine specifications

Engine general data	
Manufacturer / model	VANGUARD 6134
Continuous power · 3.000 r.p.m. (kW)	21,4
Fuel	Unleaded gasoline
Number of cylinders	2 cylinders
Cylinder capacity (c.c.)	993
Compression ratio	N/A
Torque max. (Nm)	N/A
Cooling system	Air cooled
Starting system	Electric
Fuel tank capacity (l)	25
Oil capacity (l)	2,3

 **4-stroke Unleaded gasoline** engine.
 Refrigeración por aire.

Fuel consumption table

% load	Consumption l/h	Authonomy (h)
75% PRP	4,2	6
100% PRP	N/A	N/A

3 / Alternator specifications

Alternator general data	
Manufacturer / model	MECCALTE ATO 28/2 1VS
Number of poles	2
Performance class	H
Insulation class	IP23
Voltage regulator	N/A
PRP Power 40°C (kVA)	27
Number of phases	3
Power factor (cos φ)	0,8

 **MECCALTE ATO 28/2 1VS** 2 poles
 brushless alternator.

3 / Power sockets specifications

	IP67	CEE IP67
	Schuko	3P+N+T 32A
DGH 20 TF BC	2	1
DGH 24 TF BC	2	1

4 / Scope of supply

The **BC-VANGUARD Portable Range** has the following **standard equipment**:

- VANGUARD engine : 4-stroke · 3000 r.p.m.
- IP23 MeccAlte alternator, adapted to generator sets standards.
- Metallic fuel tank¹.
- Electro-welded bench made of high-strength steel with anti-vibration shock absorbers.
- Protective plate.
- IP55 electric panel with IP67 power sockets and a built-in machine door on the bench. See additional information on the right.
- **Transportation kit**: It includes solid wheels with axis, support and handles.
- Supplied without engine oil.
- Engine oil protection.
- Fuel tap.
- Magnetothermic protection.

¹25-litre fuel tank for all range.

The **electric panel** complies **ICT-BT-33 standards**.

The metallic with an additional protection door gives it robustness and reliability for the most adverse working conditions.

It includes:

- Interior protection window · electrical appliances.
- Emergency stop button.
- Individual and differential magnetothermal protection.
- Hours counter.
- Voltmeter.

Directives and Standards

○ **ENVIRONMENTAL OPTIONS** ISO 8528-1:2018: 25°C, 100kPa y 30% relative humidity:

- **Prime Power (PRP)**: Electrical power data available load for unlimited hours per year. A 10% overload is permissible for 1 hour every 12 hours according to ISO 8528-1:2018.
- **Emergency Standby Power (ESP)**: Electrical power data available at variable load in an emergency according to ISO 8528-1:2018.

The DAGARTECH genset has the **CE marking** which includes the following directives:

- **2006/42/CE**. Machinery Safety Directive.
- **2014/35/UE**. Low Voltage Directive.
- **EN ISO 8528-13:2016**. Part 13: Safety. Alternate current electric generator sets driven by internal combustion.
- **2000/14/CE¹**. Noise Emission Directive. Sound power levels assessed pursuant to the procedure established in the aforementioned directive.

¹This directive does not apply to electric generator sets with a power of over 400 kW.