

Power generator

The essential powerhouses



For rough construction use HÜDIG power generators from the ECON series

- Essential powerhouses for construction sites with the highest demands
- Available in the power range 20 – 400 kVA and also in higher power classes (on request)

The models

The components are mounted on a steel beam frame free from vibration. Generators are supplied with a weather-proof low-noise canopy as standard. A sufficiently large fuel tank is included in delivery.

The starter battery is maintenance free. A centrally-mounted crane hook eyelet is provided for as a transport device. Additionally hoisting-devices are fixed on the basic beam frame (from STEP 150 onward – shackles on each side).

Water-cooled drive engines

Water-cooled four-stroke industrial engines from DEUTZ and IVECO ensure professional drive.

The diesel engines feature high reliability and fuel economy. Engines from other manufacturers are available on request.

Self-regulating generators

The brushless, electronically controlled, maintenance-free, highly efficient generators are driven directly by the engine.

Galvanized chassis (optional)

Galvanized axle housing according to the frame size. Single-axle and dual-axle chassis. With height-adjustable hitch with DIN towing eye, optionally with ball head coupling. Exterior lighting in accordance with road traffic licensing regulations, available with TÜV approval on request and vehicle registration.

Powerful low-noise canopy

The weather-resistant steel housing is bolted on and can be dismantled completely. The industrial coating has superior corrosion resistance.

Strong components from HÜDIG GmbH & Co. KG



Rental system



Drive engines



Control panel



The silencer is integrated into the entire ECON series in the low-noise canopy. The sound power level is LWA 88 dB(A) up to 100 WA. Generously dimensioned lockable doors allow easy access to all parts of the unit for maintenance and inspection work. Recessed, lockable and stainless door handles provide optimum protection against damage.

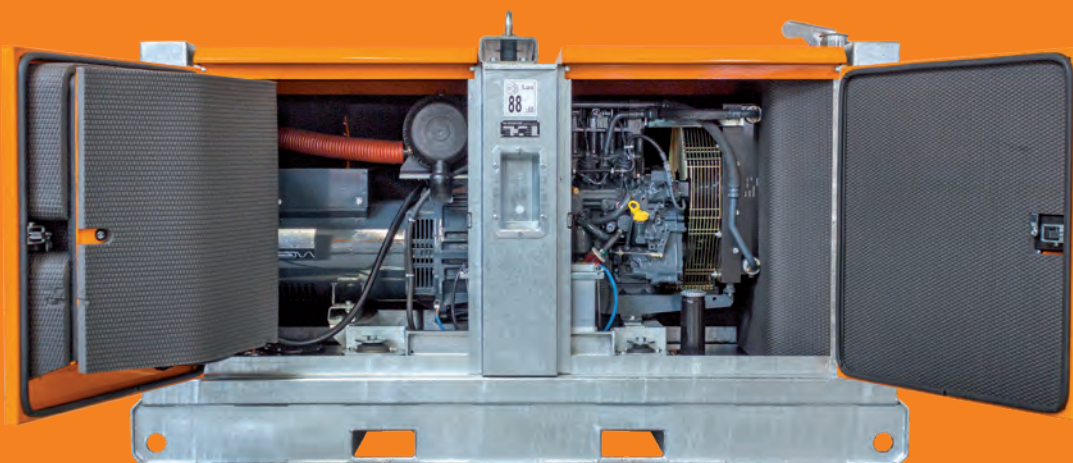


Feature-rich control panel

Standard delivery includes a complete instrumentation with voltmeter and phase inverter circuit, ampere meter, frequency meter and operating hours counter. The engine safety device switches off the engine automatically in cases of oil deficiency and excess temperature. The dashboard is well protected behind a screen.

Rental systems

There is an extended specification that applies to gen-sets for renting. Frequently changing uses are associated with a higher mechanical load on the chassis and the requirement for extended equipment. STEP Compact series gen-sets, for example, have a robust, galvanized steel profile frame and a 24-hour tank in a galvanized version.



Multiple socket outlets

The range STEP 20 ECON to STEP 100 ECON are equipped as standard with multiple socket outlets. The range STEP 150 ECON to STEP 400 ECON are equipped with a connection bus. All sockets are secured according to the VDE standards with a pre-fuse and residual current circuit.



Accessories

- Various socket outlets
- Emergency power automatic control unit
- Engine pre-heater
- Chassis
- Super silent canopy
- Soot particle filter
- Special coating

Technical data

Type	Generator	Drive engine					Shipping data	
	Electrical capacity SN [kVA] ¹⁾	Manufacturer Iveco, type	No. of cyl.	Variable continuous power for n = 1500 1/min. [kW]	Fuel consumption at 75 % load (l/h)	Tank capacity V [l]	Dimensions l x b x h [mm]	Weight m [kg]
STEP 20 ECON	20	F3M2011 ²⁾	3	20	3,9	70	1750 x 750 x 1100	770
STEP 30 ECON	30	F32AM1A	4	31,6	5,9	100	2100 x 900 x 1150	965
STEP 40 ECON	42,5	F32SM1A	4	42,6	8,5	100	2100 x 900 x 1150	1070
STEP 60 ECON	63	NEF45SM1A	4	60	10,2	100	2260 x 1000 x 1340	1340
STEP 75 ECON	75	NEF45SM2A	4	72,8	12,7	100	2260 x 1000 x 1400	1400
STEP 100 ECON	105	NEF45TM2A	4	95,6	16,2	140	2850 x 1000 x 1400	1585
STEP 130 ECON	135	NEF67TM2A	6	125	24,1	150	3000 x 1100 x 1500	1950
STEP 150 ECON	150	NEF67TM3A	6	151,5	29	170	3300 x 1100 x 1650	2040
STEP 200 ECON	200	NEF67TE2A	6	197,8	35,7	170	3300 x 1100 x 1650	2100
STEP 250 ECON	250	CURSOR 87TE1D	6	255,2	47,6	195	3800 x 1200 x 1930	3150
STEP 300 ECON	300	CURSOR 10TE1D	6	286,1	53,7	195	3800 x 1200 x 1930	3550
STEP 350 ECON	350	CURSOR 13TE2A	6	330,2	57,3	230	4000 x 1250 x 2200	3750
STEP 400 ECON	400	CURSOR 13TE3A	6	386,1	72,5	230	4000 x 1250 x 2200	3900

Type	Generator	Drive engine					Shipping data	
	Electrical capacity SN [kVA] ¹⁾	Manufacturer Iveco, type	No. of cyl.	Variable continuous power for n = 1500 1/min. [kW]	Fuel consumption at 75 % load (l/h)	Tank capacity V [l]	Dimensions l x b x h [mm]	Weight m [kg]
STEP 30 Compact	30	F4M2011 ²⁾	4	28	5,4	147	2100 x 920 x 1150	1111
STEP 60 Compact	60	N45 SM1F	4	56,3	13	373	2800 x 1200 x 1655	1780
STEP 100 Compact	100	N45 TE2F	4	91	18,7	373	2800 x 1200 x 1655	2373

¹⁾ For n= 1500 1/min., U = 480 V, f = 50 Hz
SN = nominal load

Emergency power capacity = 110 % of nominal power for one hour every six hours
Efficiency factor cos = 0.8

²⁾ Manufacturer DEUTZ

Subject to technical changes and changes to the scope of delivery. 01/2016



HÜDIG GmbH & Co KG
Heinrich-Hüdig-Str. 2
D-29227 Celle
Germany

Telefon: +49 51 41/88 45-0
Telefax: +49 51 41/86 91-8
E-Mail: info@huedig.de
Web: www.huedig.de

