



Available versions:

- open with automatic control
- canopy with automatic control (AS)
- canopy with manual start (MS)

Standard outfit

- Main switch ON/OFF
- Main fuse
- Emergency stop button
- FI protective equipment
- 3-pole protection
- Battery dry preloaded
- terminal board

Engine type DEUTZ BF4M 1013 EC

Suction engine, Turbo-Intercooler, water-cooled

Deutz water-cooled 4 stroke industrial diesel engine with 4 cylinder in-line engine. Turbocharging and turbocharging / intercooling assure the professional drive. With the forward-looking high-pressure injection system and the single injection pumps the engine needs less fuel. Lower fuel and oil consumption as well as long service intervals save running costs.

General Specifications

Prime Power [PRP] kVA/kW	102/82,0
Type of alternator	STAMFORD UCI 274 C
Regulation	electronic (+- 1,5)
Building class/Isolation	Synchronous/Class H
Nominal voltage	400 V 3~/230V 1~
Nominal current/cos (phi)	147 A 3~/0,8
Frequency	50 Hz
Engine version	4 Cylinder 4-stroke diesel
Engine capacity	4760 cm ³
Constant power	91,1 kW
Rotation speed min-1/Regulation	1500/mechanical
Cooling air volume m ³ /h	6120
Start-up system/Battery V/Ah	E-Start 3,1 kW/12/145

110 DW/AS

canopy version with automatic (AS)

Order No. 331 206

Specifications:

Automatic switchpanel with control units and integrated batterie charger, engine pre-heating system, fluid collecting tray, oil suction pump(manual), crane lifting device

additionally available accessories:

Load transfer switch, order No. 343 005
Earth rod, order No. 342 303

Special Equipment(not retrofitable):

Automatic fuel pump, order No. 342 006
FI protective equipment Allstrom-Sensitiv 100 A, order No. 342 014
Galvanized baseframe, order No. 342 112
PMG regulator, order No. 342 305
Electronic revolution regulator, order No. 342 001

110 DW/MS

canopy version with manual start (MS)

Order No. 332 206

Specifications:

Manuell switchpanel with control units, fluid collecting tray, oil suction pump(manual), crane lifting device

additionally available accessories:

Earth rod, order No. 342 303

Special Equipment(not retrofitable):

Profi-Power-Paket, order No. 342 310
Galvanized baseframe, order No. 342 112
PMG regulator, order No. 342 305
Electronic revolution regulator, order No. 342 001
FI protective equipment Allstrom-Sensitiv 100 A, order No. 342 014

Specifications canopy version (AS/MS)

Fuel / Tank capacity (litres)	Diesel/340
Consumption/Running-time*1	16,5l/20 h
Sound power level LWA*2	97 dB(A)
Sound pressure level LPA*3	72 dB(A)
Weight approx. kg	1900
Dimensions L x W x H in mm	3000 x 1150 x 1680

***1 Consumption in litres per hour, running time in hours. This specification is given at 3/4 load and therefore is non-binding. *2 Noise level declaration based on directive 2000/14/EG. *3 Noise level at 7m.**