

TECHNICAL SPECIFICATION

1 unit

Genkinger

Electric powered lift truck

Type EGU 200-So.

similar to attached drawing

according to release drawing FZ...

(will be issued)

Operation conditions

Kind of load	Transformer on pallet
Load dimensions (L x B)	2000 x 1000 x 2500 mm
Dimensions of load carrier in mm (LxWxH)	2000 x 1330 x 260 mm
Load pick-up	lengthwise
Clearance of load carrier in height and width	200 / 1200 mm
Floor conditions	flat industrial floor in good condition
Gradients/Tilts	none
Utilization	3-shift/ 1 hour
Length of driving route/number of liftings per shift	2 x 300 meters/ 6 liftings
Operation hours	< 1000 per year
Ambient temperature	5 – 30 ° C
Capacity	20000 kg
Lifting range of platform	180 - 310 mm
Plattform length	2500 mm
Plattform width	1150 mm
Plattform thickness	160 mm
Load center distance	1250 mm
Running wheels Ø 180 x 80 mm	16 Stück
Head length L2	1111 mm
Overall length	3611 mm
Overall width	1150 mm
Required minimum aisle with Ast	... mm <i>(will be fixed later)</i>

Traction drive:

Center drive; drive wheel Ø 406x178 mm	fixed
two lateral swivel castors Ø 150x50 mm	spring loaded
Tires Drive wheel/castor	polyurethane / polyurethane
AC drive motor	5,0 kW / 48 Volt
AC steering motor	0,4 kW / 48 Volt
Drive control	MOS-FET AC-2
Steering control	EPS-AC-0
Driving speed with/without load	4,0 / 6,0 km/h

Operation

Multi-function drawbar (centric) with:

- * Butterfly switch for stepless and smooth travelling
- * Slider for lifting and lowering (smooth control)
- * Safety reverse button

- * Push button for travelling with drawbar in vertical position with reduced speed
- * Signal horn
- Electric power steering
- Multifunctional display to show
 - * Battery discharge
 - * Hours run
 - * Servicing reminder
 - * Error codes
- Automatic travel speed reduction at a low battery state

Incl. radio remote control with pelvic belt and storage quiver on the device

Frequency group: F
consisting of:

1 portable joystick transmitter console with display for showing the battery charge and channel number

1 stationary transceiver

1 battery charger

2 1,2 V battery cells type Mignon AA HR6 2500 NiMH (GH76500820)

1 receiver antenna

for functions:

- * Joystick for driving forward/backward, stepless and sensitive
- * Joystick for steering right/left, stepless and sensitive
- * Joystick for lifting/lowering, stepless and sensitive
- * Push button for horn
- * Emergency stop switch
- * Change-over switch for driving and steering function (immobilization of tiller)

working frequency: 69 frequencies from 433,075 - 434,775 MHz

(Please note that in the event of a defect in the radio remote control, it is no longer possible to operate the unit for safety reasons)

Key switch for shutting down the radio remote control and additional as well as an additional emergency stop switch to ensure the operating functions via tiller in case of a defect of the radio remote control.

Functionality:

1. the truck must be switched off via the key switch (devices on / off)
2. the M12 plug on the receiver is unplugged
3. the unplugged M12 connector is plugged into the housing of the optional emergency stop housing
4. the key switch for deactivating the radio remote control is switched. This is absolutely necessary so that the REMOTE CONTROL is taken out of the system (deactivated), otherwise an error message (CAN monitoring) would be triggered
5. the truck must be switched on again via the key switch (devices on / off)
6. the truck can now be operated without REMOTE CONTROL and switched off via the optional emergency stop in addition to the vehicle emergency stop.
7. The key for deactivation as well as the optional emergency stop in the housing must be locked away by an authorized person and is only used in an emergency (REMOTE CONTROL defective). This is necessary so that when the optional emergency stop is unplugged, it does not give the impression that it is activated. In addition, as soon as the optional emergency stop is plugged in, a light on the emergency stop housing is activated, which indicates the active status

Electro-hydraulic lifting device:

DC compact power pack (1-prop technology)

4.5 kW / 48 Volt

Battery and Charger

Battery plug
Battery box with side opening and roller conveyor
Including 1 traction battery (74200298C)
with water refilling system
as well as charger E 230 G 48/60 B25-FP (74301113); charging time approx. 6,5 – 7,5 h

REMA 320 A
48 Volt 3 EPzS 375 Ah
AQUAMATIC