

**BENINCA**  
TECHNOLOGY TO OPEN



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# BUFFALO

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FOR SLIDING GATES UP TO 16 T

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Made in Italy

# BUFFALO160 OTI

## INDUSTRIAL USE

control unit with built-in receiver, magnetic encoder and inverter  
access to the control unit from above only by taking off the metal cover  
oil lubricated reductions  
personalised release key

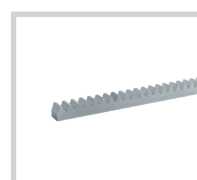
**up to 16000 kg (16 t)**

## 230 Vac | 400 Vac

- Geared motor 230/400 Vac three phase  
2.2 kW 1400 rpm ventilated for intensive use
- Safety magnetic sensor on manual override
- Encoder to ensure accuracy during gate operation
- Full metal mechanics and oil lubrication with excellent efficiency even at low temperatures
- Cover and casing in sheet metal with galvanised primer and paint finish
- Inverter technology to enable greater adjustment during gate movement, acceleration and deceleration ramp and speed control during opening and closing
- Access to release with customised key and release with hexagonal key CH12
- Optional built-in FTC.S photocells, available as accessory



TECHNICAL DATA	BUFFALO160 OTI
Power supply	230 Vac (50-60Hz) mono phase
Motor supply	≈ 230 Vac through inverter
Max absorbed current	8,38 A
Max Torque	608 Nm
Max Thrust	12666 N (z16)
Opening speed	adjustable from 7 m/min to 19 m/min
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C /+50°C
Lubrication	OIL
Max gate weight	16000 kg (16 t)
Driving gear for rack	M6 z16
Weight	125 kg
Items no. per pallet	4



### RI.M6Z

M6 galvanised rack to weld 30x30x2000 mm.



### RF.SUN

Battery-operated device recharged by means of a photovoltaic panel applied on a mobile edge.



### RF

Device with a non rechargeable battery, with guaranteed duration 2 years.



### SC.RF

Device powered at 12/24 Vdc with self-test function and 2 outputs for connection to the electronic control units.