

65<sup>TH</sup>  
1952 | 2017

# BTR 170 REBEL

World Smartest Cordless Riveting Tool



**CORDLESS  
RIVETING MACHINE  
FOR BLIND  
RIVET NUTS**

PATENTED BY OBER®

**Ober®**  
from Experience, Innovation

The smartest wireless riveting machine,  
**ready for the industry of today and  
of tomorrow.**

## **BTR** 170 REBEL

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Rivet nuts are used when clamping efficiency is associated with rivet aesthetics and is applied in many industries and markets, including: automotive, trains building, cars and boats, wind turbines, in the industry of production of agricultural machines and precision engineering works, such as mechanical and medical engineering.

**BTR 170 "Rebel" is the wireless riveting machine that always guarantees a quality result and absolute precision.**





 **Ober**<sup>®</sup>  
from Experience, Innovation

**When the tool makes the difference:** riveting with stainless steel rivets.

## **BTR 170** REBEL

World Smartest Cordless Riveting Tool

### **QUICK CALIBRATION OF FORCE/PRESSURE**

for a constant setting quality. With possibility to fasten twice the same insert without ruining it and apply the inserts out of different thicknesses without changing the settings. Tightening and loosening occur in a single operation, with just one press of the trigger.

**BTR 170 "Rebel" allows you to easily use the rivet nuts even on combined metal/plastic applications and other materials and is a versatile and accurate tool even both in particular and difficult situations.**



Critical and outdoor applications



Automobile industry



Naval shipyards



Aerospace



Production lines

**Up to 50% more than the traditional tools applications.**



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PRECISION  
RIVETING



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LONG LIFE BATTERY  
LI-ION

PARKER POWER  
TYPICAL AS SHOWN 1/4" DRIVE TORQUE WRENCH WITH TES  
SPECIAL LI-ION BATTERY (2.0Ah)  
1/4" Drive • 200ft-lb • 37-51ft-lb  
024800  
\*Patented by Ober Engineering, Inc.  
\*Patented by Ober Engineering, Inc. Made in Germany. Li-Ion

## Cordless Power:

portable and free to move about,  
lithium-ion battery.

## **BTR** 170 REBEL

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### **Long lasting, quick charging lithium-ion battery, a real revolution in the world of riveting machine**

The powerful, rechargeable 14.4 V-2.6 Ah battery  
with a high capacity (up to 800 work cycles per battery)  
ensures work can proceed without interruption.



- **14,4 Volt / 2,6 Ah**
- **Lithium Battery - No memory effect**
- **New and improved battery and battery charger**
- **Smart energy management based on your needs to provide optimum power and extend battery duration**
- **Quick replacement**
- **Other optional batteries**

**Powerful technology  
and freedom of movement,  
all in one tool.**



*from Experience, Innovation*

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### MENU IN 6 LANGUAGES

BATTERY LOAD LEVEL  
INFORMATION OF SCREWING STATE  
SETTING FORCE LEVEL (KN)  
PART COUNTER  
NEXT SERVICE  
SENSORS  
TEMPERATURE VIEW  
FORCE SET. VERIFY

**AKKU POWER**  
P9004 4S IP 14.4V/2.6Ah Li-Ion with TES  
Samp. UR 185205X1 Call 2 84h  
144V • 2.6Ah 37.5Wh  
100468  
Eccellenza in ogni settore  
Eccellenza in ogni tecnologia  
Eccellenza in ogni servizio  
**Li-Ion**

**Ober®**  
from Experience, Innovation

When the production efficiency determines the choice, **BTR 170 constitutes a certain response with high performance, reliable, inside evolved quality.**

## **BTR 170** REBEL

World Smartest Cordless Riveting Tool



**Change tooling in just a few seconds, without additional equipment.**

Just a few seconds are needed to set up the chuck, no other equipment required. **The OBER-patented system eliminates downtime** between one machining and the next, for maximised productivity.

- Pressure sensor
- Manual emergency reset and unscrewing

The tools used for installation depend on the size of the rivets to install. To go from one size to the next, all you need are the supplied draw rod and the catch





ST180

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**MADE in OBER®**

a powerful concentrate of  
quality and innovation.

## **BTR 170** REBEL

World Smartest Cordless Riveting Tool

**Electro-hydraulic technology by Ober®  
con manutenzione a 250.000 cicli.**

Efficient, ergonomic, reliable, versatile, durable, innovative

**The BTR 170 REBEL is a stable, silent and highly productive  
product with a speed of 24 inserts per minute and force  
with varies from 3kN to 22\* kN ( M3-M10\* steel inserts).**

\* with suitable inserts

**The electric-hydraulic system patented by Ober®** and used in the BTR 170  
"Rebel" along with its innovative circuitry ensure other automated regulation  
features which increase productivity.



**Double  
BRUSHLESS  
motor.**

- Reduced wear, thanks to its entirely one of a kind precision kinematics
- Uses less energy, greater autonomy
- Practically silent
- Vibration Reduction



*from Experience, Innovation*



220 mm

320 mm

62 mm

Ø 28,5 mm

PATENTED BY OBER®

140 mm

## TECHNICAL FEATURES

WEIGHT:	2,49 kg including battery and utensils
Setting capacities:	Steel rivets from M3 to M10 Stainless steel rivets from M3 to M10 Stud bolts from M3 to M8
Load setting:	3,0 kN - 22 kN
Battery autonomy:	800 cycles / M6 e 650 cycles / M8
Speed:	up to 24 applications/min
Stroke settings:	7,0 mm



## OPTIONS AND ACCESSORIES

BATTERIES	Battery 14,4V 2,6 AH	0830201
	Battery 14,4V 4,0 AH	0830203
Chargers	Battery charger Solo EU	0830001
	Battery charger Solo USA	0830002
	Battery charger Multi x4 UE	0830003
	Battery charger Multi x4 USA	0830006
CONTINUOUS POWER SUPPLY	Continuous power supply 5m EU	0830004
	Continuous power supply 5m USA	0830005

## ASSEMBLING

THERE ARE TWO OPTIONS FOR THE EQUIPMENT:

### • FITTING WITH SPECIFIC MANDRELS

(RECOMMENDED FOR EXTENDED TOOL LIFE)

				3 > 18 kN					18 > 22 kN	
				M3	M4	M5	M6	M8	M8	M10
MANDREL			5100086.xx	03	04	05	06	08	5100097.08	5100097.10
			5100094.xx	-	04	05	06	08	-	
ANVIL			5100087.xx	03	04	05	06	08	5100087.08	5100075.10
			5100035.xx	-	04	05	06	08	-	

### • FITTING WITH STANDARD ALLEN SCREW DIN912:

		4	3	1
M3	COMMON ADAPTATOR 7994575	5210085.25	5063121.03	0320345.1
M4		5210085.03	5063121.04	0320455.1
M5		5210085.04	5063121.05	0320560.1
M6		5210085.05	5063121.06	0320665.1
M8		5210085.06	NA	0320865.1



### CONTENTS IN THE SUITCASE:

- 1 TOOL WITHOUT TOOL
- 1 USER MANUAL
- 1 TOOL REPLACEMENT KIT
- 1 OR 2 BATTERIES
- 1 CHARGER
- 1 OIL CONTAINER

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DELLA CONCORRENZA  
E DEL MERCATO 